

Food Systems Design
Service manual

Sheeting system for chips

Order number: 7193

Book III of III (Customer edition)

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
10		719302	0500102.52309	3		K	1		Outfeed conveyor	Uitvoerbaan URK (wbr. 1000)
20		719302	3201200.01479-9	1		K	1		Motorreductor	Sew motorreduktor
30		719399	0500100.75568	1		K	2		Mounting plate	Montageplaat bandschraapmes
40		719399	1000200.00229	1		K	1		Belt scraper	Bandschraapmes L<1400

Page: 1/1	Print-out date: 06-01-09 [08:14]		Order nr. 719302
 <i>Specialists in food processing equipment</i>		Drawing nr.:	
		Partlist nr.:	719302 - 704 Rev: 4
		Description:	704 Main conveyor

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719302	0600801.19386-2	2		K	1		Knife transfer	Mesovername Ø15
2		719302	0501400.01321	1		K	1		Conveyor belt	Transportband
3		719302	0600801.19386	2		K	1		Knife transfer	Mesovername Ø15
4		719302	1000200.00229	2		K	1		Belt scraper	Bandschraapmes L<1400
5		719302	0500331.44166	1		K	1		Drive box	Aandrijfkast UDVL met bandcomp
6		719302	0500206.33393	1		K	2		Support leg	Steunpoot UDVL
7		719302	0500206.33293	2		K	1		Support leg	Steunpoot UDVL
8		719302	0500100.74248	5		K	1		Conveyor	Baanstuk bb. 1200
9		719302	0500199.00117	1		K	2		Guide blocks	Geleidingsblokken
10		719302	0500100.41590	1		K	1		Gutter	Opvanggoot UDVL (invul)
12			1001800.02743/3	1		S	1		Scrap bin	Opvangbak L=1150 B=280 H=99

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 <i>Specialists in food processing equipment</i>	Drawing nr.:	0500102.52309-A0_Sldw	Manufacture date: 20-02-2008
	Partlist nr.:	719302 - 0500102.52309 Rev: 3	Up-dated: 05-01-2009
	Description:	Outfeed conveyor	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719302	0600899.00038-2	1		K	1		Sub assembly knife transfer	Subassy mesovername universeel
2	✓		0600800.21256	2		S	18		Transfer roller	Rol mesovername ro. 15
3	✓		0600800.21255	2		S	4		Transfer roller	Rol mesovername ro. 15
4			0600800.21253	2		S	2		Bracket for knife transfer	Beugel t.b.v. mesovername
5			0600800.21254	2		S	4		Bracket for knife transfer	Beugel t.b.v. mesovername
6		719302	0600800.20543	1		K	2		Distance shaft	Afstandsas D=8 L= 2xM4
7		719302	0600800.20544	1		K	2		Locking plate	Borgplaatje

Page: 1/1		Print-out date: 06-01-09 [08:14]				Order nr. 719302	
Rademaker Specialists in food processing equipment		Drawing nr.: 0600801.19386-A3_Sldw		Manufacture date: 28-02-2008			
		Partlist nr.: 719302 - 0600801.19386-2 Rev: 2		Up-dated: 05-01-2009			
		Description:		Knife transfer			

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719302	0600899.00038	1		K	1		Sub assembly knife transfer	Subassy mesovername universeel
2	✓		0600800.21256	2		S	18		Transfer roller	Rol mesovername ro. 15
3	✓		0600800.21255	2		S	4		Transfer roller	Rol mesovername ro. 15
4			0600800.21253	2		S	2		Bracket for knife transfer	Beugel t.b.v. mesovername
5			0600800.21254	2		S	4		Bracket for knife transfer	Beugel t.b.v. mesovername
6		719302	0600800.20543	1		K	2		Distance shaft	Afstandsas D=8 L= 2xM4
7		719302	0600800.20544	1		K	2		Locking plate	Borgplaatje

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 <i>Specialists in food processing equipment</i>	Drawing nr.:	0600801.19386-A3_Sldw	Manufacture date: 22-02-2008
	Partlist nr.:	719302 - 0600801.19386 Rev: 2	Up-dated: 05-01-2009
	Description:	Knife transfer	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0500300.49130	2		S	1		Drive box	Aandr.kast udvl aandr.z.r + bc
2			0500300.49131	2		S	1		Mounting plate	Montageplt. aandrz r + bc
3			0500300.48012	1		S	1		guard	Motorkap
4			0500599.00027	1		S	1		Assembly support	Sam reactiearm KA47/GKS05
5			0500300.49096	1		S	1		Tensioning plate	Spanplaat
6			0500300.49005	1		S	4		Spacer	Prop D=40 L=10 d=11
7			0500300.49006	1		S	2		Threaded rod	Draadeind m10 L=160
8			0500300.49013	1		S	2		Pull block	Trekblok
9			825050	0		S	8		Nut	Moer rvs M 10 DIN 934
10			827550	0		S	4		Half nut	Ha.moer rvs M 10 DIN 439 B
11			0500300.49033	1		S	1		Tension plate	Spanplaat met reactiepunt
12			0200400.01134	1		S	4		Washer	Ring D=40 d=10.5 s=5
13			1500200.01003	1		S	1		Washer	Ring D=40 d=16.5 s=8
14	✓		543112	0		S	1		Pa hose	Pa slang 6x1,5 vet gevuld
Filled with eatable grease										
15			1041130	0		S	2		Nipple	Sm.nip.m6x1recht rvs
16	✓		543010	0		S	2		Right screw coupling	Rik 4LLxm6x1 04012010406
n/a										
17			1200300.02781	1		S	2		Paneltransfer	Schotdoorvoer tbv smering
19		719302	0600100.12804	1		K	1		Drive roller	Aandrijfrol Ø160 (bandcomp.)
20			3900100.02356	1		S	1		Motor Spacer	Motorprop gss05 sa57
21			1053623	0		S	1		Key	Spie 10x8x50 rvs DIN 6885 A
22	✓		1029750	0		S	1		Bearing block	Lagerblok 55208 XB syst.plast
23	✓		1029728	0		S	1		Bearing block	Lagerblok 50208 XB syst.plast
24			448533	0		S	1		Transfer tule da 30-35-40/3	Doorvoertule da 30-35-40/3
25			0500300.45067	0		S	8		Spacer	Prop D=20 l=25 d=8.5
26		719302	0500399.00054	1		K	1		Assembly reversing roller	Samenstel. Omlooprol
27		719302	0500399.00055	1		K	1		Removable roller	Uitneembare rol
28		719302	0500300.48013	1		K	1		Belt screening plate	Bandafschermplaat
29		719302	0500300.48332	1		K	1		Belt screening plate	Bandafschermplaat
30		719302	0500300.47583	1		K	1		Receiving plate	Opvangplaat
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Rademaker Specialists in food processing equipment								Drawing nr.: 0500331.44166-A2_Sldw		Manufacture date: 21-02-2008
								Partlist nr.: 719302 - 0500331.44166 Rev: 1		Up-dated: 21-02-2008
								Description: Drive box		

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
31			0500300.44221	1		S	2		Push pad	Duwblokje
32			0500300.44802	1		S	1		Push pad	Duwblokje
33			0500300.48333	1		S	1		Threaded rod	Draadeind M10x90
34			802400	0		S	1		Tap bolt	Tapbout rvs M 10x50 DIN 933
35		719302	0500300.48331	1		K	2		Shaft	As Ø15 2xM8

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 <i>Specialists in food processing equipment</i>	Drawing nr.:	0500331.44166-A2_Sldw	Manufacture date: 21-02-2008
	Partlist nr.:	719302 - 0500331.44166 Rev: 1	Up-dated: 21-02-2008
	Description:	Drive box	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719302	0500200.39577	1		K	1		Support leg	Steunpoot UDVL
2			1065652	0		S	1		Adjusting leg	Stelpoot rvs304 M75-16-150
3			1065670	0		S	1		Adjusting leg	Stelpoot rvs304 M76-16-150
4			825070	0		S	2		Nut	Moer rvs M 16 DIN 934
5			0500300.44973	1		S	4		Spacer	Prop D=20 l=20 d=8.5

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 <i>Specialists in food processing equipment</i>	Drawing nr.: 0500206.33023-A3_Sldw	Manufacture date:	28-02-2008
	Partlist nr.: 719302 - 0500206.33393 Rev: 1	Up-dated:	28-02-2008
	Description: Support leg		

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			1065652	0		S	1		Adjusting leg	Stelpoot rvs304 M75-16-150
2			1065670	0		S	1		Adjusting leg	Stelpoot rvs304 M76-16-150
3			825070	0		S	2		Nut	Moer rvs M 16 DIN 934
4		719302	0500200.39249	2		K	1		Support leg	Steunpoot UDVL

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 <i>Specialists in food processing equipment</i>	Drawing nr.:	0500206.33293-A3_Sldw	Manufacture date: 26-02-2008
	Partlist nr.:	719302 - 0500206.33293 Rev: 2	Up-dated: 28-02-2008
	Description:	Support leg	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0500100.51416	2		S	2		Guide block	Geleidingsblok

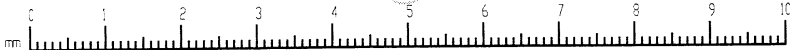
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 <i>Specialists in food processing equipment</i>	Drawing nr.:	0500199.00117-A3_Sldw	Manufacture date: 28-02-2008
	Partlist nr.:	719302 - 0500199.00117 Rev: 1	Up-dated: 28-02-2008
	Description:	Guide blocks	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0600800.20148	2		S	2		Adjusting strip +threaded end	Stelstrip + draadeind
2			825070	0		S	2		Nut	Moer rvs M 16 DIN 934
3			827570	0		S	2		Half nut	Ha.moer rvs M 16 DIN 439 B
4			0600200.15504	1		S	2		Rod	Stang tbv snelontspanner
5			0600200.16288	1		S	2		Spacer	Prop D=20 L=16.5 d=8.5
6		719302	0600800.21246	1		K	1		Transfer beam	Mesovernamebalk
7			0600800.21251	1		S	2		Protecting plate	Beschermplaat

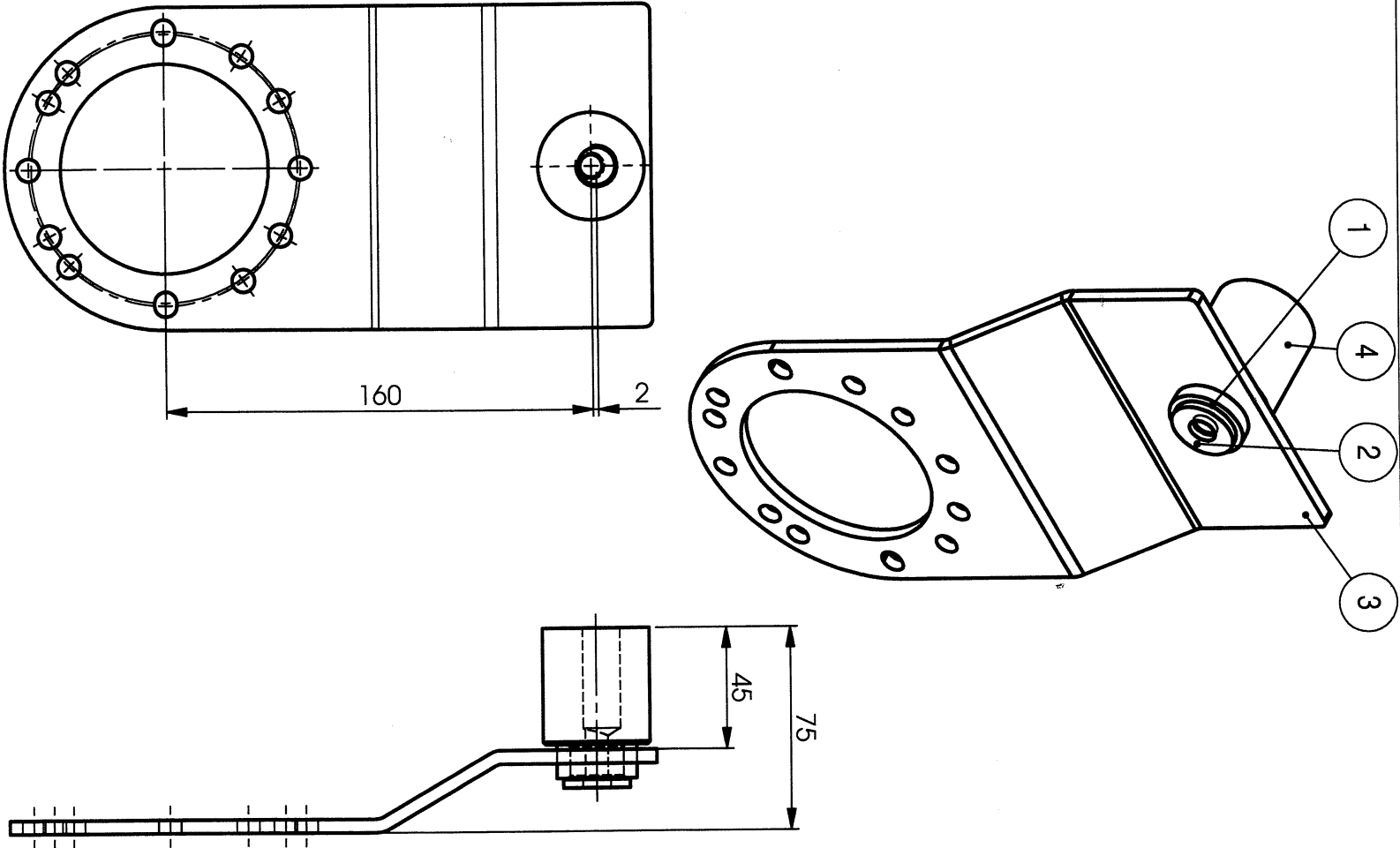
Page: 1/1	Print-out date: 06-01-09 [08:14]		Order nr. 719302
 <i>Specialists in food processing equipment</i>		Drawing nr.: 0600899.00038-A3_Sldw	Manufacture date: 28-02-2008
		Partlist nr.: 719302 - 0600899.00038-2 Rev: 1	Up-dated: 28-02-2008
		Description:	Sub assembly knife transfer

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719302	0600299.00105	1		K	1		Belt quick release system	Snelontspaninrichting
2			0600800.20148	2		S	2		Adjusting strip +threaded end	Stelstrip + draadeind
3			825070	0		S	2		Nut	Moer rvs M 16 DIN 934
4			827570	0		S	2		Half nut	Ha.moer rvs M 16 DIN 439 B
5			0600200.15504	1		S	2		Rod	Stang tbv snelontspanner
6		719302	0600800.21246	1		K	1		Transfer beam	Mesovernamebalk
7			0600800.21251	1		S	2		Protecting plate	Beschermplaat

Page: 1/1	Print-out date: 06-01-09 [08:14]		Order nr. 719302
 <i>Specialists in food processing equipment</i>	Drawing nr.: 0600899.00038-A3_Sldw	Manufacture date:	22-02-2008
	Partlist nr.: 719302 - 0600899.00038 Rev: 1	Up-dated:	22-02-2008
		Description:	Sub assembly knife transfer



Eigendom uitdrukkelijk behouden
Vermenigvuldiging of heruitgave van dit tekening, in welke vorm ook, is zonder schriftelijke toestemming van eigenares niet geoorloofd



Gewijzigd tov vorige revisie:

VOOR NIET VERMEDELDE VOORM EN PLAASTOL. GELDT TOE EN VAN DE NIET VOOR UITGANGS MATERIAAL				NOMINALE MAAT [mm] bij 20° GELDT NIET VOOR UTMATERIAAL				VOOR NIET VERMEDELDE BOVEN (mm)				NOMINALE LENGTE WID KORTSTE ZUDE WID HOEK (20°)				ALLE KANTEN BREKEN VLOS			
VERMEDELDE	BOVEN	6	30	120	315	1000	2000	VERMEDELDE	BOVEN	10	50	120	VERMEDELDE	BOVEN	10	50	120	R max. 0,1 mm	min. 0,1 mm x 45°
MAATTOL.	TOT EN MET	6	30	120	315	1000	2000	HOEKTOL.	TOT EN MET	10	50	120	HOEKTOL.	TOT EN MET	10	50	120	R max. 0,1 mm	min. 0,1 mm x 45°
GELDT:	TOLERANTIE	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2	±2	GELDT:	TOLERANTIE	±0,1	±0,2	±0,3	TOLERANTIE	±0,1	±0,2	±0,3	UT	max. 0,25 mm x 45°

SCHAAL: 1:2,5	VOORM- EN PLAASTOL. VOLGS. NEN 3311		RUIWHEID VOLGS. NEN 3634	MAATTOL. VOLGS. NEN 2365		PROJECTIE 
GET: K.J. Zarzycki	BENAMING: Sam reactiearm KA47/GKS05					
GEZ:	AANTAL:					
DATUM: 24/07/2008	PROJECTNUMMER-TEKENINGNUMMER: - 0500599.00027					
AFGELEID VAN: Rev	BEHANDELING:					VERSIE: 1

Rademaker

Specialists in food processing equipment

RADEMAKER B.V. HOLLAND

A 4

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0500300.48007	2		S	1		Vibration damper	Trillingsdemper
2			0500300.48005	1		S	1		Sprocket	Ring D=25 d=10.5 s=3
3			0500500.02117	1		S	1		Support	Reactiearm KA47/GKS05
4			0500500.02118	1		S	1		Pin motor support	Reactiepen

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 <i>Specialists in food processing equipment</i>		Drawing nr.: 0500599.00027-A4_Sldw	Manufacture date: 19-10-2006
		Partlist nr.: 0500599.00027 Rev: 1 (S)	Up-dated:
		Description:	Assembly support

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719302	0500300.47581	1		K	1		Reversing roll	Omlooprol
2	✓		1029710	0		S	2		Bearing block	Lagerblok 50205 WB syst.plast
3		719302	0500300.47582	1		K	1		Beam of scraper	Schraperbalk
4		719302	0500300.45073	1		K	1		Scraper	Schraper
5			0500300.44968	1		S	2		Scraperholder	Schraperhouder
6			0500300.44969	1		S	4		Shaft	Afstandsas D=20 L=47 2xm10
7			3900100.01050	1		S	5		Spacer	Prop D=15 L=10 d=8.5

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 Specialists in food processing equipment	Drawing nr.: 0500399.00054-A2_Sldw	Manufacture date:	21-02-2008
	Partlist nr.: 719302 - 0500399.00054 Rev: 1	Up-dated:	21-02-2008
		Description:	Assembly reversing roller

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719302	0500300.47635	1		K	1		Reversing roll	Omlooprol Ø70 (uitneembaar)
2	✓		1020070	0		S	2		Bearing	Lager 6005 llu
3			839100	0		S	2		Circlip	Seegegerring rvs a 25 DIN 471
4	✓		0500300.44809	4		S	2		Bearing block	Lagerblok
5	✓		1032168	0		S	2		Seal ring	Sim.ring 30x47x7 WAS
NBR Din 3760										
6			0500300.44961	3		S	1		Suspension plate	Ophangplaat
7			0500300.44962	3		S	1		Suspension plate	Ophangplaat
8			1041130	0		S	2		Nipple	Sm.nip.m6x1recht rvs
9			0500300.47637	1		S	2		Scraperholder	Schraperhouder
10		719302	0500300.47582	1		K	1		Beam of scraper	Schraperbalk
11		719302	0500300.45073	1		K	1		Scraper	Schraper
12			3900100.01050	1		S	5		Spacer	Prop D=15 L=10 d=8.5

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 Specialists in food processing equipment		Drawing nr.: 0500399.00055-A2_Sldw	Manufacture date: 21-02-2008
		Partlist nr.: 719302 - 0500399.00055 Rev: 1	Up-dated: 21-02-2008
		Description:	Removable roller

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719302	0600200.15933	1		K	1		Adjustment shaft belt tensioning roller	Stelas bandspanrol
2	✓		1030320	0		S	2		Bearing	Igus lag.afm 253220 m.kr
3			830853	0		S	1		Ring	Ring 30x8,5x3 rvs
4			0600200.14284	0		S	2		Spacer	Prop D=12 L=5.5 d=8
5			0600200.15503	3		S	1		Locking arm	Vergrendelarm
6			1051250	0		S	1		Ball knob	Kogelknop M 10 d40 DIN 319 C
7			825050	0		S	1		Nut	Moer rvs M 10 DIN 934
8			802380	0		S	1		Tap bolt	Tapbout rvs M 10x40 DIN 933
9			0600200.15612	1		S	1		Tube	Buis D=29 s=1.5 L=42

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 <i>Specialists in food processing equipment</i>	Drawing nr.:	0600299.00105-A3_Sldw	Manufacture date: 22-02-2008
	Partlist nr.:	719302 - 0600299.00105 Rev: 1	Up-dated: 22-02-2008
	Description:	Belt quick release system	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
10		719304	0400105.01012	1		K	1		Holder cutting roller	Houder uitsteekwals + opnemer
20		719304	0400803.01002	1		K	1		Guard cutting roller	Kap uitsteekwals doorloop 20mm
30		719304	0600502.01023	2		K	1		Roller	Onderlopende rol
40		719304	3201200.01479-5	1		K	1		Motorreductor	Sew motorreductor
50		719304	0400801.01363	2		K	1		Change set	Wisselset

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Rademaker Specialists in food processing equipment	Drawing nr.: Partlist nr.: 719304 - 705 Rev: 2		Manufacture date: Up-dated:
	Description: 705 Cutting roller		

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0400100.02053	1		S	1		Drive box	Aandrijfkast uitsteekwals
2			0400100.02059	1		S	1		guard	Motorkap
3			0400100.02056	1		S	2		Mounting block	Montageblok
4			0400100.01281	2		S	1		Bracket	Steun magneetschakelaar
5			0400100.01011	1		S	1		Support	Steun insor
6		719304	0400100.01166	1		K	2		Shaft	Afstandsas D=20 l=BB-6 2xM8
7			0400100.02055	1		S	2		Fastening strip	Bev. strip motorplaat
8			0400100.02054	1		S	1		Motor plate	Motorplaat
9	✓		0500500.01348	2		S	1		Gearwheel	Tandwiel M=2.5 z=80
10			0400100.01850	1		S	2		Fastening strip	Bevestigingsstrip
11			0400100.01173	1		S	4		Guiderod	Geleidingsstang
12			4800300.00101	1		S	4		Toggle	Knevel
14			0500300.44973	1		S	4		Spacer	Prop D=20 l=20 d=8.5
15			0400100.02058	1		S	1		Finger fastening plate	Vingerbev. plaat
18			3400300.01281	1		S	1		Suspension hook	Ophanghaak
19			0101100.01763	1		S	1		Nutkey	Moersleutel met oog

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 Specialists in food processing equipment	Drawing nr.:	0400105.01012-A2_Sldw	Manufacture date: 18-01-2008
	Partlist nr.:	719304 - 0400105.01012 Rev: 1	Up-dated: 18-01-2008
	Description:	Holder cutting roller	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719304	0400800.01335	1		K	1		Guard	Afdekkap uitsteekwals
2			0400800.01337	2		S	2		Hinge strip	Scharnierstrip
3			0200400.24236/6	2		S	2		Hinge strip	Scharnierstrip l=32
4			0400200.01289	1		S	4		Spacer	Prop
5	✓		1030280	0		S	2		Bearing	Igus lag.afm 121815 m.kr
6			1500700.01145	1		S	6		Spacer	Prop D=15 L=10 d=6.5
7			1051012	1		S	2		Grip	Handgreep 12 rvs304
8		719304	0400800.01339	1		K	1		Re-inforcement strip cover	Verst. strip kap

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 <i>Specialists in food processing equipment</i>	Drawing nr.:	0400803.01002-A2_Sldw	Manufacture date: 21-01-2008
	Partlist nr.:	719304 - 0400803.01002 Rev: 1	Up-dated: 21-01-2008
	Description:	Guard cutting roller	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0600500.01332	1		S	2		Lift strip welding assembly	Hefstrip lassamenstelling
2			0600500.01059	2		S	2		Bearing block	Lagerblok
3	✓		1023050	0		S	2		Bearing	Lager 6004 2rs rvs
4	✓		1032139	0		S	2		Seal ring	Sim.ring 25x42x7 WA
5			0600500.01325	2		S	2		Excentring plug	Excenterprop
6			0600500.01329	1		S	2		Modification Bearing bush	Aanpassing lagerbus
7		719304	0600500.01354	1		K	1		Lifting roller	Hefrol Ø110
8	✓		1030304	0		S	2		Bearing	Igus lag.afm 202615 m.kr
9		719304	0600500.01355	1		K	1		Lifting spindel	Hefas
10			0600500.01322	1		S	2		Guide plug	Geleidingsprop
11			0400100.02057	1		S	1		Lever	Hefboom
12			1053602	0		S	2		Key	Spie 8x7x50 rvs DIN 6885 A
13			839130	0		S	2		Circlip	Seegerring rvs a 50 DIN 471
14			0600500.01356	1		S	1		Fastening plate	Bevestigingsplaat stelblok
15			1051270	0		S	1		Ball knob	Kogelknop m10x18 rond 40
16	✓		1051040	0		S	1		Stop pin	Ar.pen gn617-1-8akni
17			0500300.44973	1		S	4		Spacer	Prop D=20 l=20 d=8.5
18			1200300.02781	1		S	2		Paneltransfer	Schotdoorvoer tbv smering
19			1041130	0		S	2		Nipple	Sm.nip.m6x1recht rvs
20	✓		543310	0		S	4		Right screw coupling	Rik 6LLxm6x1 04012000406
n/a										

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 Specialists in food processing equipment	Drawing nr.:	0600502.01023-A2_Sldw	Manufacture date: 25-01-2008
	Partlist nr.:	719304 - 0600502.01023 Rev: 2	Up-dated: 28-01-2008
		Description:	Roller

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0400800.02580	1		S	2		Bearing block	Lagerblok
2			802401	0		S	4		Tap bolt	Tapbout rvs M 10x55 DIN 933
3			825050	0		S	4		Nut	Moer rvs M 10 DIN 934
4			1053600	0		S	1		Key	Spie 8x7x40 rvs DIN 6885 A
5			1053540	0		S	1		Key	Spie 6x6x20 rvs DIN 6885 A
6			0400800.02633	1		S	2		Bearing block	Lagerblok
7		719304	0400800.02634	1		K	2		Shaft	Afstandsas

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 Specialists in food processing equipment	Drawing nr.:	0400801.01363-A3_Sldw	Manufacture date: 29-01-2008
	Partlist nr.:	719304 - 0400801.01363 Rev: 2	Up-dated: 31-01-2008
	Description:	Change set	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
10		719305	1900101.01051	4		K	1		Scrap return system	Dwarsafvoerbaan D4W - UDVL
20		719305	3201200.01479-6	1		K	1		Motorreductor	Sew motorreductor
30		719305	3201200.01479-7	1		K	1		Motorreductor	Sew motorreductor

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 Specialists in food processing equipment	Drawing nr.:	Manufacture date:	
	Partlist nr.:	719305 - 706 Rev: 3	Up-dated:
	Description:	706 Scrap return system	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
3			1900100.01769	1		S	1		Cover outfeed side right	Kap uitvoerz. rechts
4			1900100.01510	2		S	1		Support leg	Steunpoot
5			1900100.01767	1		S	1		Drive box	Aandrijfkast uitvoerz. rechts
11	✓		1029740	0		S	2		Bearing block	Lagerblok 55206 WB syst.plast
12	✓		1029722	0		S	1		Bearing block	Lagerblok 50206 WBBR syst.plas
14			1053600	0		S	2		Key	Spie 8x7x40 rvs DIN 6885 A
15			1900100.01502	1		S	1		Safety plate	Beveiligingsplaat
16			0500300.83797	1		S	1		Push pad	Duwblokje
17			1900100.01079	1		S	2		Spacer	Prop D=25 L=20 d=10.5
18			1900100.01505	1		S	1		Safety plate	Beveiligingsplaatje
19			1900100.01506	1		S	1		Safety plate	Beveiligingsplaatje 2
20			1900100.01224	2		S	1		Locking plate	Borgplaatje
21			1900100.01508	1		S	1		Scrap bin	Opvangbak
22			0500300.48003	2		S	2		Pin support for drive	Reaktiepen
23			0500300.48007	2		S	2		Vibration damper	Trillingsdemper
24			0500300.48005	1		S	2		Sprocket	Ring D=25 d=10.5 s=3
25			448510	0		S	1		Bush	Doorvoertule da 8-10-15/3
26			1200300.02781	1		S	2		Paneltransfer	Schotdoorvoer tbv smering
27			1041130	0		S	2		Nipple	Sm.nip.m6x1recht rvs
28			0500300.49058	1		S	2		Support	Reactiearm ka37 of gks04
29			3900100.01984	1		S	2		Spacer	Ring D=29 d=11 s=7
30		719305	1900199.00004	2		K	1		Infeed belt	Opvoerbaan D4W - UDVL
33		719305	1900199.00006	4		K	1		Outfeed conveyor	Uitvoerbaan UDVL - D4W
35		719305	0500206.33293	2		K	1		Support leg	Steunpoot UDVL
37			3900100.02338	1		S	2		Spacer	Motorprop ka37

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 <i>Specialists in food processing equipment</i>		Drawing nr.: 1900101.01051-A0_Sldw	Manufacture date: 15-02-2008
		Partlist nr.: 719305 - 1900101.01051 Rev: 4	Up-dated: 18-04-2008
		Description:	Scrap return system

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719305	1900100.01843	2		K	1		Conveyor	Baanstuk invoerbaan D4W
2		719305	1900100.01772	1		K	1		Drive roller	Aandrijfrol opvoerbaan
3			1900100.01255	2		S	1		Fastening plate	Bev. plaat
4			1900100.01080	2		S	1		Safety plate	Beveiligingsplaat
5			1900100.01081	2		S	1		Safety plate	Beveiligingsplaat
6			0600200.13578	1		S	2		Rack holder	Heugelstriphouder
7			0600200.00089	1		S	2		Rack	Heugelstrip
8			0600200.14063	2		S	2		Bearing block	Lagerblok
9			0600200.13171	2		S	1		Lockingarm tensioningside left	Vergrendelarm spanz.links
10			0600200.15122	1		S	1		Locking strip	Vergrendelstrip
11			1053540	0		S	1		Key	Spie 6x6x20 rvs DIN 6885 A
12			1051270	0		S	1		Ball knob	Kogelknop m10x18 rond 40
13		719305	0600801.19255	1		K	1		Transfer roller	Mesovername Ø35 (met stuurstr)
14		719305	1900100.01834	1		K	1		Supportshaft	Afsteunas
15	✓		1900100.01230	1		S	10		Roller	Rol rond 35 L=100
16	✓		1900100.01231	1		S	1		Roller	Rol rond 35 L=22
17		719305	0501400.01141	1		K	1		Conveyor belt	Transportband
18		719305	1900100.01839	1		K	1		Belt scraper	Bandschr. mes dwarsafvoerbaan
19		719305	0600800.21829	1		K	1		Adjusting shaft cross supply conveyor	Stelas dwarsafvoerbaan UDVL
20			0500300.83797	1		S	1		Push pad	Duwblokje
21			1900100.01511	2		S	2		Support pressing roller	Steun Aandrukrol
22	✓		1900100.01567	1		S	2		Roll	Rol rond 28 L=36
23			825060	0		S	1		Nut	Moer rvs M 12 DIN 934
24			827560	0		S	3		Half nut	Ha.moer rvs M 12 DIN 439 B
25		719305	1900100.01837	1		K	1		Pressing roller	Aandrukrol

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 <i>Specialists in food processing equipment</i>	Drawing nr.: 1900199.00004-A2_Sldw	Manufacture date:	15-02-2008
	Partlist nr.: 719305 - 1900199.00004 Rev: 2	Up-dated:	25-03-2008
		Description:	Infeed belt

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719305	1900100.01833	4		K	1		Conveyor	Baanstuk uitvoerbaan D4W
2			1900100.01071	1		S	1		Fastening plate	Bev.plaat
3			1900100.01770	1		S	1		Pulley outfeed conveyor	Aandrijfrol uitvoerbaan
4	✓		1029722	0		S	1		Bearing block	Lagerblok 50206 WBBR syst.plas
5			0500300.83797	1		S	1		Push pad	Duwblokje
6			0600801.19047	7		S	1		Small transfer roller with quick release system	Mesovername + snelontspanner
7		719305	T2500	1		K	1		Conveyor belt	Habbasit 5979 x 250 0/+40
8			1900100.01500	1		S	1		Support leg	Steunpoot nat
9			1900100.01501	2		S	1		Support leg	Steunpoot nat breed
10			1000200.01406	1		S	1		Belt scraper	Bandschraapmes baanbr 350
12		719305	1900100.01499	1		K	1		Guide plate	Geleidingsplaat

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 <i>Specialists in food processing equipment</i>	Drawing nr.:	1900199.00006-A1_Sldw	Manufacture date: 23-01-2008
	Partlist nr.:	719305 - 1900199.00006 Rev: 4	Up-dated: 18-04-2008
	Description:	Outfeed conveyor	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			1065652	0		S	1		Adjusting leg	Stelpoot rvs304 M75-16-150
2			1065670	0		S	1		Adjusting leg	Stelpoot rvs304 M76-16-150
3			825070	0		S	2		Nut	Moer rvs M 16 DIN 934
4		719305	0500200.39249	1		K	1		Support leg	Steunpoot UDVL

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	Drawing nr.:	0500206.33293-A3_Sldw	Manufacture date: 23-01-2008
	Partlist nr.:	719305 - 0500206.33293 Rev: 2	Up-dated: 21-03-2008
	Description:	Support leg	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719305	0600800.20487	1		K	1		Cutter beam (cleanable when wet)	Mesbalk nat reinigbaar
2			1900100.01078	1		S	2		Threaded rod	Draadeind M12 l=145
3			827560	0		S	2		Half nut	Ha.moer rvs M 12 DIN 439 B
4			0600800.19189	1		S	6		Bracket	Beugel t.b.v. rol ro.35
5		719305	1000300.01164	1		K	1		Shaft	Afstandsas Ø10 L = wbr+103
6	✓		0600800.19187	1		S	2		Roll	Rol ro.35 spec.
7	✓		0600800.19188	1		S	9		Roll	Rol ro.35 l=95
8			0600800.00999	2		S	2		Locking plate transfer-roller	Borgplaat mesovername
9			0600800.19424	1		S	1		Safety plate	Beveiligingsplaat
10			0600800.19425	1		S	1		Safety plate	Beveiligingsplaat

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 Specialists in food processing equipment	Drawing nr.:	0600801.19255-A3_sldw	Manufacture date: 15-02-2008
	Partlist nr.:	719305 - 0600801.19255 Rev: 1	Up-dated: 15-02-2008
	Description:	Transfer roller	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0600801.19046	5		S	1		Transfer roller	Mesovername rond 25 dubbel
2			0600200.00089	1		S	2		Rack	Heugelstrip
3			0600200.13578	1		S	2		Rack holder	Heugelstriphouder
4			0600800.19435	1		S	1		Adjusting shaft	Stelas
5			1053540	0		S	1		Key	Spie 6x6x20 rvs DIN 6885 A
6			0600200.14063	1		S	2		Bearing block	Lagerblok
7			0600200.13171	2		S	1		Lockingarm tensioningside left	Vergrendelarm spanz.links
8			0600200.15122	1		S	1		Locking strip	Vergrendelstrip
9			1051270	0		S	1		Ball knob	Kogelknop m10x18 rond 40
10			825060	0		S	2		Nut	Moer rvs M 12 DIN 934
11			827560	0		S	2		Half nut	Ha.moer rvs M 12 DIN 439 B

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 <i>Specialists in food processing equipment</i>	Drawing nr.:	0600801.19047-A3_Sldw	Manufacture date: 25-10-2000
	Partlist nr.:	0600801.19047 Rev: 7 (S)	Up-dated: 20-11-2006
	Description:	Small transfer roller with quick release system	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0600800.19428	1		S	1		Transferbeam	Mesbalk wbr200 nat reinigbaar
2			0600800.19429	2		S	2		Bracket for knife transfer	Beugel tbv mesovername
3			1800700.01012/5	4		S	2		Distance shaft	Afstandsas Wbr=200
4			0600800.19430	1		S	1		Protecting plate	Beschermplaat
5			0600800.19431	1		S	1		Protecting plate	Beschermplaat
6			1900100.01078	1		S	2		Threaded rod	Draadeind M12 l=145
7			0600800.20011	2		S	2		Locking plate transfer-roller	Borgplaat mesovername
8	✓		1800700.00683	2		S	4		Transferroller	Rol mesovername
9	✓		1800700.00684	2		S	2		Transferroller	Rol mesovername
10			827560	0		S	2		Half nut	Ha.moer rvs M 12 DIN 439 B

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 <i>Specialists in food processing equipment</i>	Drawing nr.: 0600801.19046-A3_Sldw	Manufacture date:	25-10-2000
	Partlist nr.: 0600801.19046 Rev: 5 (S)	Up-dated:	20-11-2006
		Description:	Transfer roller

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
10		719306	0401201.02019	2		K	1		Driven length knife	Aangedreven lengtemes
20		719306	3201200.01479-8	1		K	1		Motorreductor	Sew motorreductor

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 Specialists in food processing equipment	Drawing nr.:		Manufacture date:
	Partlist nr.:	719306 - 707 Rev: 2	Up-dated:
	Description:	707 Scrap cutting system	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			3900100.01983	1		S	1		Support arm	Reaktiearm GKS04 of KA37
2			0500300.48003	2		S	1		Pin support for drive	Reaktiepen
3			0500300.48005	1		S	1		Sprocket	Ring D=25 d=10.5 s=3
4			0500300.48007	2		S	1		Vibration damper	Trillingsdemper
5			1900100.01224	2		S	1		Locking plate	Borgplaatje
6			3900100.02338	1		S	1		Spacer	Motorprop ka37
7			448520	0		S	1		Bush	Doorvoertule da 120/200/40 neo
8			448533	0		S	1		Transfer tule da 30-35-40/3	Doorvoertule da 30-35-40/3
9			1053581	0		S	1		Key	Spie 8x7x32 rvs DIN 6885 A
10	✓		1029722	0		S	1		Bearing block	Lagerblok 50206 WBBR syst.plas
11	✓		1029740	0		S	1		Bearing block	Lagerblok 55206 WB syst.plast
12			0500300.44221	1		S	2		Push pad	Duwblokje
13		719306	0500300.50556	2		K	1		Drive box	Aandrijfkast
15		719306	0401200.02209	1		K	1		Length cutter	Lengtemes bb=350
16		719306	0500300.50557	1		K	1		Cover	Kap
17		719306	0500300.50558	1		K	1		Scrap bin	Opvangbak
18		719306	3400100.02375	1		K	8		Spacer	Prop D=15 d=8.5 L=35
19		719306	0401200.02210	1		K	1		Shield	Schild
20		719306	0400102.02064	1		K	1		Guard	Kap lengtemes
21		719306	0600502.01006	1		K	1		Roller	Onderlopende rol Invul

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 <i>Specialists in food processing equipment</i>	Drawing nr.: 0401201.02019-A1_Sldw	Manufacture date:	22-01-2008
	Partlist nr.: 719306 - 0401201.02019 Rev: 2	Up-dated:	18-08-2008
		Description:	Driven length knife

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1	✓		1030279	0		S	2		Bearing	Igus lag.afm 121812 m.kr
2			0400100.01014	3		S	1		Tube	Buis D=16 s=1.5 L=33.5
3			0400100.01013	4		S	1		Tube	Buis D=16 s=1.5 L=18.5
4			802230	0		S	2		Tap bolt	Tapbout rvs M 8x20 DIN 933
5			827540	0		S	2		Half nut	Ha.moer rvs M 8 DIN 439 B
6			0200600.00149	3		S	2		Cam disc	Schakelschijf cat.1
7			843330	0		S	1		Spring type straight pin	Spanstift rvs 3x30
9		719306	0401200.02211	1		K	1		Tunnel	Tunnel lengtemes Bb.350
10		719306	0400100.03084	1		K	1		Protection guard	Beschermkap lengtemes Bb.350
11		719306	0400100.03083	1		K	2		Support	Steun kap (verlengd)
12		719306	0400100.03082	1		K	1		Safety	Inloopbeveiliging

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 Specialists in food processing equipment	Drawing nr.:	0400102.02064-A3_Sldw	Manufacture date: 22-01-2008
	Partlist nr.:	719306 - 0400102.02064 Rev: 1	Up-dated: 22-01-2008
	Description:	Guard	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0600500.01059	2		S	2		Bearing block	Lagerblok
2	✓		1032141	1		S	2		Sealing ring	Sim.ring 25x42x8 WAS
3			1041130	0		S	2		Nipple	Sm.nip.m6x1recht rvs
4	✓		1020060	0		S	2		Bearing	Lager 6004 llu
5		719306	0600500.01060	1		K	1		Roll	Rol

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	Drawing nr.:	0600502.01006-A2_Sldw	Manufacture date: 22-01-2008
	Partlist nr.:	719306 - 0600502.01006 Rev: 1	Up-dated: 22-01-2008
	Description:	Roller	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
10		719307	0500102.52307	1		K	1		Oven infeed conveyor	Oven Invoerbaan

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 <i>Specialists in food processing equipment</i>	Drawing nr.:	719307 - 708 Rev: 1	Manufacture date:
	Partlist nr.:		Up-dated:
	Description:	708 Outfeed oven	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
2		719307	0600899.00116	1		K	1		Belt piece	Baanstuk mesovername kantelend
3		719307	0500199.01107	1		K	1		Buckling rollers	Knikrollen/scharnier unit
4		719307	0500199.01108	1		K	1		Outfeed conveyor	Aflegbaan
5		719307	0500206.33367	1		K	1		Support leg	Steunpoot
6		719307	0500206.33366	1		K	1		Support leg	Steunpoot
7		719307	0500331.44257	1		K	1		Drive box	Aandrijfkast UDVL met bandcomp
8		719307	00010	1		K	2		Gas spring	Gasveer
9		719307	0600406.01176-2	1		K	1		Automatic belt control	Automatische bandst. D4W
10		719307	0800400.25978	1		K	1		Column	Kolom
11		719307	0800400.25977	1		K	1		Cover	Deksel
12		719307	1001800.02747	1		K	1		Scrap bin	Afvalbak (bandstuurunit)
13		719307	00011	1		K	1		Conveyor belt	Transportband
14		719307	0600900.01115	1		K	1		Guard	Afschermkap mesovername boven
15		719307	0600900.01117	1		K	1		Guard	Afschermkap mesovername
16		719307	0600900.01116	1		K	1		Screening plate	Afschermplaat onder
17		719307	0600900.01118	1		K	1		Guard	Afschermkap (trechter)
18		719307	1000300.01678	1		K	1		Distance shaft	Afstandsas ø15 2xM8

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 Specialists in food processing equipment	Drawing nr.:	0500102.52307-A0_sldrw	Manufacture date: 04-02-2008
	Partlist nr.:	719307 - 0500102.52307 Rev: 1	Up-dated: 04-02-2008
	Description:	Oven infeed conveyor	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719307	0500100.74081	1		K	1		Conveyor	Baanstuk
2		719307	0600899.00115	1		K	1		Knife transfer	Mesovername kantelunit
3	✓		1029722	0		S	2		Bearing block	Lagerblok 50206 WBBR syst.plas
4		719307	0600900.01119	1		K	1		Guard	Afschermkap cilinder L
5		719307	0600900.01120	1		K	1		Guard	Afschermkap cilinder R
6	✓		554803	0		S	2		Fork	Stangkop50/63 sgs-m16x1,5=9263
7			554121	0		S	2		Fastening	Bevest.sncl-63 ~wand =174407
8			554030	0		S	2		Fastening	Bevest.sncb-63 =174393
9		719307	00003	1		K	2		Festo pneumatic cylinder	FESTO DNCB-63-50-PPV-A
10			4800400.01573	2		S	8		Spacer	Prop D=20 L=10 d=8.5
11			0500300.44221	1		S	1		Push pad	Duwblokje
12			802400	0		S	1		Tap bolt	Tapbout rvs M 10x50 DIN 933
13			825050	0		S	1		Nut	Moer rvs M 10 DIN 934
14			448533	0		S	3		Transfer tule da 30-35-40/3	Doorvoertule da 30-35-40/3
15		719307	0800400.26014	1		K	2		Cylindersupport	Cilindersteun
16		719307	1000300.01677	1		K	6		Shaft	Afstandsas 2xM8
17		719307	0500100.74215	1		K	2		Support screening guard	Steun afschermkap
18		719307	0500100.74225	1		K	2		Holder	Houder afvalbak (baanstuk)
19			0500100.51416	2		S	2		Guide block	Geleidingsblok
20		719307	1000300.01679	1		K	1		Distance shaft	Afstandsas ø15 2xM8

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 <i>Specialists in food processing equipment</i>		Drawing nr.: 0600899.00116-A2_Sldw	Manufacture date: 11-02-2008
		Partlist nr.: 719307 - 0600899.00116 Rev: 1	Up-dated: 11-02-2008
		Description: Belt piece	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719307	0500100.74249	1		K	1		Side-shield	Zijschild knikrollen L
2		719307	0500100.74251	1		K	1		Side-shield	Zijschild knikrollen R
3		719307	0600499.00193	1		K	1		Subassembly roll	Subass. Knikrol Ø50 + schraper
4		719307	0600499.00195	1		K	1		Subassembly roll	Subass. knikrol Ø50
5		719307	0500100.74245	1		K	1		Pressing plate	Drukplaat
6		719307	1000200.01814	1		K	1		Belt scraper	Bandschraapmes
7		719307	0500100.74089	1		K	2		Holder scrap bin	Houder afvalbak
8		719307	1001800.02735	1		K	1		Srap bin	Afvalbak (knikrollen)
9		719307	0500100.74152	1		K	2		Support gas spring	Gasveer steun onder
10			0500300.45067	0		S	8		Spacer	Prop D=20 l=25 d=8.5
11		719307	1000300.01679	1		K	1		Distance shaft	Afstandsas ø15 2xM8
12			0500100.40330	1		S	2		Guide disc	Geleidings schijf
14			1031110	0		S	4		Adjusting ring	Stelring rvs 10 mm DIN 705 A

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 <i>Specialists in food processing equipment</i>	Drawing nr.: 0500199.01107-A2_sldrw	Manufacture date:	04-02-2008
	Partlist nr.: 719307 - 0500199.01107 Rev: 1	Up-dated:	04-02-2008
		Description:	Buckling rollers

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0600400.01109	1		S	2		Adjustingblock	Blokje tbv verstelling
2			0500300.44973	1		S	2		Spacer	Prop D=20 l=20 d=8.5
3		719307	0600899.00114	1		K	1		Retracting nose	Aflegneus
4		719307	0500100.74217	1		K	1		Side-shield	Zijschild aflegbaan L
5		719307	0500100.74218	1		K	1		Side-shield	Zijschild aflegbaan R
6		719307	0500100.74097	1		K	1		Connecting tube	Verbindingskoker aflegbaan
7		719307	0500100.74098	1		K	1		Tilting arm	Kantelarm
8		719307	0500100.74103	1		K	1		Support plate	Steunplaat aflegbaan
9		719307	1000300.01669	1		K	1		Shaft	Afstandsas 2x M8
10	✓		1029740	0		S	2		Bearing block	Lagerblok 55206 WB syst.plast
11		719307	0500100.74127	1		K	1		Locking plate	Vergrendelplaat
12		719307	0500100.74145	1		K	2		Gas spring support	Gasveersteun
13		719307	0500100.74166	1		K	1		Shaft	As (vergrendelplaat)
16			802295	0		S	1		Tap bolt	Tapbout rvs M 8x55 DIN 933
17			0500300.45067	0		S	6		Spacer	Prop D=20 l=25 d=8.5
18			2900400.35962	1		S	2		Spacer	Prop D=25 L=10 d=10.5
19			2750100.00125	1		S	1		Spacer	Prop D=20 l=35 d=8.5

Page: 1/1		Print-out date: 06-01-09 [08:14]				Order nr. 719307	
Rademaker Specialists in food processing equipment				Drawing nr.: 0500199.01108-A3_sldrw		Manufacture date: 04-02-2008	
				Partlist nr.: 719307 - 0500199.01108 Rev: 1		Up-dated: 04-02-2008	
				Description: Outfeed conveyor			

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
2		719307	0500200.39535	1		K	1		Support leg	Steunpoot
8		719307	0500200.39542	1		K	2		Support	Schoor
9		719307	1000300.01679	1		K	1		Distance shaft	Afstandsas ø15 2xM8
10			1065652	0		S	1		Adjusting leg	Stelpoot rvs304 M75-16-150
11			1065670	0		S	1		Adjusting leg	Stelpoot rvs304 M76-16-150
12			825070	0		S	2		Nut	Moer rvs M 16 DIN 934
13			0500300.45067	0		S	4		Spacer	Prop D=20 l=25 d=8.5

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 <i>Specialists in food processing equipment</i>	Drawing nr.: 0500206.33367-A3_Sldw	Manufacture date:	04-02-2008
	Partlist nr.: 719307 - 0500206.33367 Rev: 1	Up-dated:	04-02-2008
		Description:	Support leg

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719307	0500200.39534	1		K	1		Support leg	Steunpoot
2			1065652	0		S	1		Adjusting leg	Stelpoot rvs304 M75-16-150
3			1065670	0		S	1		Adjusting leg	Stelpoot rvs304 M76-16-150
4			825070	0		S	2		Nut	Moer rvs M 16 DIN 934
5			0500300.45067	0		S	6		Spacer	Prop D=20 l=25 d=8.5

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 Specialists in food processing equipment	Drawing nr.:	0500206.33366-A3_Sldw	Manufacture date: 04-02-2008
	Partlist nr.:	719307 - 0500206.33366 Rev: 1	Up-dated: 04-02-2008
	Description:	Support leg	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0500300.48012	1		S	1		guard	Motorkap
2		719307	0500300.50105	1		K	1		Drive box	Aandr.kast udvl aandr.z.l + bc
3			0500300.49129	2		S	1		Assembly plate	Montageplt aandr.z. l + bc
4			0500599.00027	1		S	1		Assembly support	Sam reactiearm KA47/GKS05
5			0500300.49096	1		S	1		Tensioning plate	Spanplaat
6			0500300.49005	1		S	4		Spacer	Prop D=40 L=10 d=11
7			0500300.49006	1		S	2		Threaded rod	Draadeind m10 L=160
8			0500300.49013	1		S	2		Pull block	Trekblok
9			825050	0		S	8		Nut	Moer rvs M 10 DIN 934
10			827550	0		S	4		Half nut	Ha.moer rvs M 10 DIN 439 B
11			1041130	0		S	2		Nipple	Sm.nip.m6x1recht rvs
12			0500300.49033	1		S	1		Tension plate	Spanplaat met reactiepunt
13			0200400.01134	1		S	4		Washer	Ring D=40 d=10.5 s=5
14			1500200.01003	1		S	1		Washer	Ring D=40 d=16.5 s=8
15	✓		543010	0		S	2		Right screw coupling	Rik 4LLxm6x1 04012010406
n/a										
17			1200300.02781	1		S	2		Paneltransfer	Schotdoorvoer tbv smering
18		719307	0600100.12804	1		K	1		Drive roller	Aandrijfrol Ø160 (bandcomp.)
19			3900100.11101	2		S	1		Spacer	Motorprop
20			1053623	0		S	1		Key	Spie 10x8x50 rvs DIN 6885 A
21	✓		1029750	0		S	1		Bearing block	Lagerblok 55208 XB syst.plast
22	✓		1029728	0		S	1		Bearing block	Lagerblok 50208 XB syst.plast
23			448533	0		S	1		Transfer tule da 30-35-40/3	Doorvoertule da 30-35-40/3
24			0500300.45067	0		S	6		Spacer	Prop D=20 l=25 d=8.5
25		719307	0500399.00054	1		K	1		Assembly reversing roller	Samenstel. Omlooprol
26		719307	0500399.00055	1		K	1		Removable roller	Uitneembare rol
27		719307	0500300.50112	1		K	1		Belt screening plate	Bandafschermplaat
28		719307	0500300.50113	1		K	1		Belt screening plate	bandafschermplaat
29		719307	0500300.47583	1		K	1		Receiving plate	Opvangplaat
30			0500300.44221	1		S	2		Push pad	Duwblokje

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 <i>Specialists in food processing equipment</i>	Drawing nr.: 0500331.44257-A2_Sldw	Manufacture date:	08-02-2008
	Partlist nr.: 719307 - 0500331.44257 Rev: 1	Up-dated:	08-02-2008
		Description:	Drive box

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
31			0500300.44802	1		S	1		Push pad	Duwblokje
32			0500300.48333	1		S	1		Threaded rod	Draadeind M10x90
33			802400	0		S	1		Tap bolt	Tapbout rvs M 10x50 DIN 933
34			0500100.68953	1		S	1		Spacer	Prop D=20 l=40 d=8.5
35		719307	3201200.01479-10	1		K	1		Motorreductor	Sew motorreductor
50	✓		543112	0		S	1	1000,0	Pa hose	Pa slang 6x1,5 vet gevuld
Filled with eatable grease										

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	Drawing nr.:	0500331.44257-A2_Sldw	Manufacture date: 08-02-2008
	Partlist nr.:	719307 - 0500331.44257 Rev: 1	Up-dated: 08-02-2008
	Description:	Drive box	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719307	0600400.03281	1		K	1		Aliging roller	Stuurrol Ø70
2			0600499.00135	1		S	1		Cylinder side	Cilinderzijde slag 50
3			0600400.03173	1		S	1		Bearing plate	Lagerplaat
4	✓		1029732	0		S	1		Bearing block	Lagerblok 54204 ZB syst.plast
5			0200400.24279	1		S	2		Hinge support	Scharniersteun
6	✓		1030282	0		S	2		Bearing	Igus lag.afm 121820 m.kr
7			0600400.03288	1		S	1		Guard	Afdekkap
8			0600400.03230	1		S	2		Shaft	Afstandsas Ø15 L=110 2xM8
9		719307	0600400.03297	1		K	1		Scraper	Rolschraapmes
10		719307	0600400.03298	1		K	1		Safety beam	Beveiligingsbalk
11		719307	1000300.01679	1		K	2		Distance shaft	Afstandsas ø15 2xM8
12			0600499.00184	1		S	1		Sub assembly signalling plate	Subass. Signaleringsplaat

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 <i>Specialists in food processing equipment</i>	Drawing nr.: 0400406.01176-2-A2_Sldw.	Manufacture date:	11-02-2008
	Partlist nr.: 719307 - 0600406.01176-2 Rev: 1	Up-dated:	11-02-2008
		Description:	Automatic belt control

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719307	3600100.01455	1		K	1		Rocker construction	Schommel constructie
2		719307	0600800.21818	1		K	16		Bracket	Beugel mesovername (kantelend)
3		719307	1000300.01664	1		K	2		Shaft	Afstandsas
4	✓	719307	0600800.21806	1		K	30		Small transfer roller	Rol mesovername ro.15
5		719307	3600100.01456	1		K	1		Hinge shaft	Scharnieras kantelbeweging
6		719307	0600800.21819	1		K	2		Hinge shaft	Scharnieras

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 <i>Specialists in food processing equipment</i>	Drawing nr.:	0600899.00115-A3_Sldw	Manufacture date: 11-02-2008
	Partlist nr.:	719307 - 0600899.00115 Rev: 1	Up-dated: 11-02-2008
	Description:	Knife transfer	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719307	0600400.01536	1		K	1		Reversing roller	Omlooprol rond 50
2	✓		1020356	0		S	2		Bearing	Lager 2205 2rs
3	✓		1032172	0		S	2		Seal ring	Sim.ring 30x52x7 WA
NBR Din 3760										
4	✓		0600400.01522	3		S	2		Bearing block	Lagerblok omlooprol
5			0600400.01527	1		S	2		Distance plug	Afstandsprop stelzijde
6			3900100.01050	1		S	10		Spacer	Prop D=15 L=10 d=8.5
7			1041130	0		S	2		Nipple	Sm.nip.m6x1 recht rvs
8		719307	0600400.03602	1		K	1		Support plate	Steunplaat schraper
9		719307	0600400.03603	1		K	1		Support plate	Steunplaat schraper
10		719307	0600400.03605	1		K	1		Safety plate	Beveiligingsplaat
11		719307	0600400.03606	1		K	1		Beam of scraper	Schraperbalk
12		719307	0600400.03604	1		K	1		Roll scraper	Schraapmes knikrol

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Rademaker Specialists in food processing equipment	Drawing nr.: 0600499.00193-A3_Sldw	Manufacture date: 06-02-2008	
	Partlist nr.: 719307 - 0600499.00193 Rev: 1	Up-dated: 06-02-2008	
		Description: Subassembly roll	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719307	0600400.03607	1		K	1		Reversing roller	Omlooprol rond 50
2	✓		1020356	0		S	2		Bearing	Lager 2205 2rs
3	✓		1032172	0		S	2		Seal ring	Sim.ring 30x52x7 WA
NBR Din 3760										
4	✓		0600400.01522	3		S	2		Bearing block	Lagerblok omlooprol
6			1041130	0		S	2		Nipple	Sm.nip.m6x1recht rvs

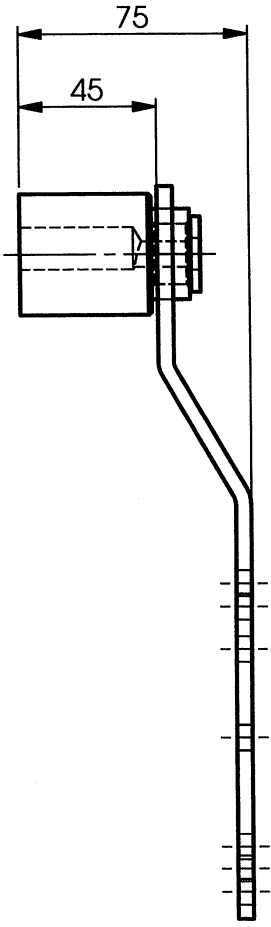
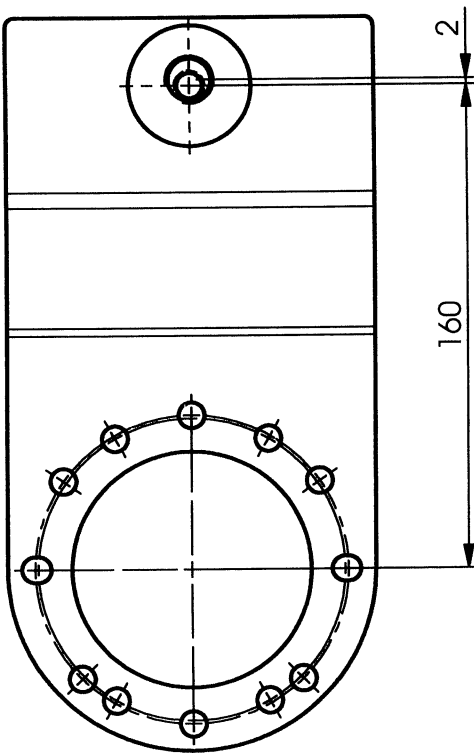
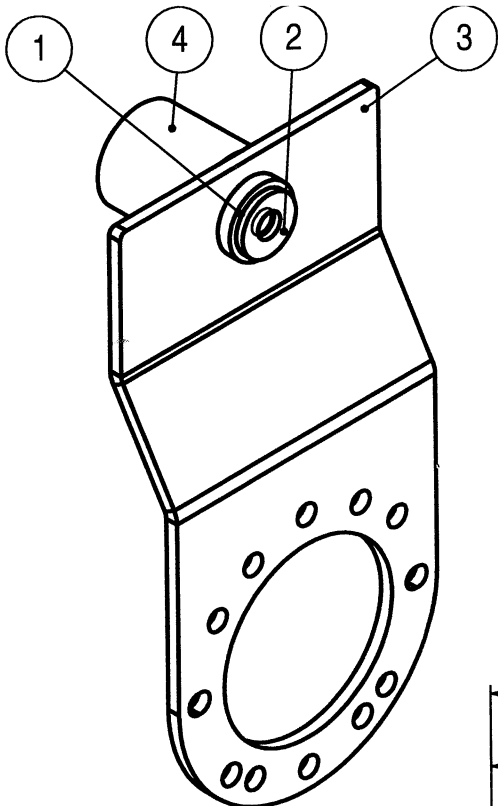
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 <i>Specialists in food processing equipment</i>	Drawing nr.:	0600499.00195-A3_Sldw	Manufacture date: 06-02-2008
	Partlist nr.:	719307 - 0600499.00195 Rev: 1	Up-dated: 06-02-2008
	Description:	Subassembly roll	

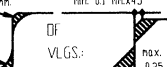
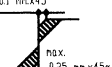
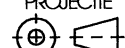
Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719307	0600800.21808	1		K	1		Cutter beam	Mesbalk
2		719307	0600800.21807	1		K	8		Bracket transfer roller	Beugel mesovername
3		719307	1000300.01664	1		K	1		Shaft	Afstandsas
4	✓	719307	0600800.21806	1		K	15		Small transfer roller	Rol mesovername ro.15
5		719307	0600800.21810	1		K	1		Locking plate transfer roller	Borgplaatje mesovername
6		719307	0600800.21809	1		K	1		Locking plate	Borgplaatje

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 <i>Specialists in food processing equipment</i>	Drawing nr.:	0600899.00114-A3_Sldw	Manufacture date: 04-02-2008
	Partlist nr.:	719307 - 0600899.00114 Rev: 1	Up-dated: 04-02-2008
	Description:	Retracting nose	



Eigendom uitdrukkelijk behouden.
Vernieuwingsrecht of mededeling aan derden,
in welke vorm ook, is zonder schriftelijke
toestemming van eigenaars niet geoorloofd



Gewijzigd tov vorige revisie:																	
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE MAATTOL. GELDT:	NOMINALE MAAT [mm] bij 20° GELDT NIET VOOR UITG.MATERIAAL							VOOR NIET VERMELDE HOEKTOL. GELDT:	NOM.LENGTE v/d KORTSTE ZIJDE v/d HOEK (20°)				ALLE KANTEN BREKEN VLGS: R min. 0,1 mm R max. 0,4 mm			
		BOVEN	-	6	30	120	315	1000	2000		BOVEN (mm.)	-	10	50	120		
		TOT EN MET	6	30	120	315	1000	2000	-		TOT EN MET (mm.)	10	50	120	-		
		TOLERANTIE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2		TOLERANTIE (minuten)	±60°	±30°	±20°	±10°		
SCHAAL: 1:2.5		VORM- EN PLAATSTOL. VOLGS. NEN 3311					RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365						
GET: KJ. Zarzycki																	
GEZ:		BENAMING: Sam reactiearm KA47/GKS05										AANTAL:					
DATUM: 24/07/2008																	
AFGELEID VAN: Rev		BEHANDELING:					PROJECTNUMMER-TEKENINGNUMMER: - 0500599.00027							VERSIE: 1			
Rademaker		Specialists in food processing equipment					RADEMAKER B.V. HOLLAND							A 4			

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0500300.48007	2		S	1		Vibration damper	Trillingsdemper
2			0500300.48005	1		S	1		Sprocket	Ring D=25 d=10.5 s=3
3			0500500.02117	1		S	1		Support	Reactiearm KA47/GKS05
4			0500500.02118	1		S	1		Pin motor support	Reactiepen

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 <i>Specialists in food processing equipment</i>	Drawing nr.: 0500599.00027-A4_Sldw	Manufacture date: 19-10-2006	
	Partlist nr.: 0500599.00027 Rev: 1 (S)	Up-dated:	
Description:		Assembly support	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719307	0500300.47581	1		K	1		Reversing roll	Omlooprol
2	✓		1029710	0		S	2		Bearing block	Lagerblok 50205 WB syst.plast
3		719307	0500300.47582	1		K	1		Beam of scraper	Schraperbalk
4		719307	0500300.45073	1		K	1		Scraper	Schraper
5			0500300.44968	1		S	2		Scraperholder	Schraperhouder
6			0500300.44969	1		S	4		Shaft	Afstandsas D=20 L=47 2xm10
7			3900100.01050	1		S	5		Spacer	Prop D=15 L=10 d=8.5

Page: 1/1	Print-out date: 06-01-09 [08:14]		Order nr. 719307
 Specialists in food processing equipment	Drawing nr.:	0500399.00054-A3_Slddrw	Manufacture date: 08-02-2008
	Partlist nr.:	719307 - 0500399.00054 Rev: 1	Up-dated: 08-02-2008
	Description:	Assembly reversing roller	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719307	0500300.47635	1		K	1		Reversing roll	Omlooprol Ø70 (uitneembaar)
2	✓		1020070	0		S	2		Bearing	Lager 6005 llu
3			839100	0		S	2		Circlip	Seegerring rvs a 25 DIN 471
4	✓		0500300.44809	4		S	2		Bearing block	Lagerblok
5	✓		1032168	0		S	2		Seal ring	Sim.ring 30x47x7 WAS
NBR Din 3760										
6			0500300.44961	3		S	1		Suspension plate	Ophangplaat
7			0500300.44962	3		S	1		Suspension plate	Ophangplaat
8			1041130	0		S	2		Nipple	Sm.nip.m6x1recht rvs
9			0500300.47637	1		S	2		Scraperholder	Schraperhouder
10		719307	0500300.47582	1		K	1		Beam of scraper	Schraperbalk
11		719307	0500300.45073	1		K	1		Scraper	Schraper
12			3900100.01050	1		S	5		Spacer	Prop D=15 L=10 d=8.5

Page: 1/1	Print-out date: 06-01-09 [08:14]	Order nr. 719307	
 Specialists in food processing equipment	Drawing nr.:	0500399.00055-A3_Sldw	Manufacture date: 08-02-2008
	Partlist nr.:	719307 - 0500399.00055 Rev: 1	Up-dated: 08-02-2008
		Description:	Removable roller

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1	✓		1029732	0		S	1		Bearing block	Lagerblok 54204 ZB syst.plast
2	✓		554801	0		S	1		Fork	Stangkop r32 sgs-m10x1,25=9261
3			0600400.03304	1		S	1		Support bearing block	Steun lagerblok
4	✓		0600400.03200	1		S	2		Slide strip	Glijstrip
5	✓		552820	1		S	1		Cylinder	Cilinder ADN-40-50 A-P-A
6			554130	1		S	1		Swivelling flange	Zwenkflens SNCS 40
7			554210	1		S	1		Socket fastening	Voetbevest.LBG 40
8			802401	0		S	1		Tap bolt	Tapbout rvs M 10x55 DIN 933
9			825050	0		S	1		Nut	Moer rvs M 10 DIN 934
10			2000100.01743	1		S	1		Spacer	Prop D=30 L=23 d=10.5
11			820102	0		S	1		Ring	Ring 20x10,5x2 rvs
12			835050	0		S	1		Spring ring	Veerring rvs M 10 DIN 127B
13			0600400.03205	1		S	1		Spacer	Vulplaatje
14			0600400.03147	2		S	1		Support air valve	Steun luchtklep

Page: 1/1	Print-out date: 06-01-09 [08:14]		Order nr. 719307
 <i>Specialists in food processing equipment</i>	Drawing nr.:	0600499.00135-A3_Sldw	Manufacture date: 08-02-2007
	Partlist nr.:	0600499.00135 Rev: 1 (S)	Up-dated:
	Description:	Cylinder side	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0600400.03552	1		S	1		Basic plate	Basisplaat
3	✓		0600400.03553	1		S	1		Hinge	Scharnier (verenstaal)
4			0600400.03554	1		S	1		Switch vane	Schakelvaan
5			448510	0		S	1		Bush	Doorvoertule da 8-10-15/3
6			802110	0		S	4		Tap bolt	Tapbout rvs M 6x10 DIN 933
7			835030	0		S	4		Spring ring	Veerring rvs M 6 DIN 127B
8			825030	0		S	4		Nut	Moer rvs M 6 DIN 934

Page: 1/1	Print-out date: 06-01-09 [08:14]		Order nr. 719307
 <i>Specialists in food processing equipment</i>	Drawing nr.: 0600499.00184-A3_Sldw.	Manufacture date:	04-12-2007
	Partlist nr.: 0600499.00184 Rev: 1 (S)	Up-dated:	04-12-2007
		Description:	Sub assembly signalling plate

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
10		719392	S-E1	1		K	1		Spare	Reserve Artikelen Electro
20		719392	S-W1	1		K	1		Spare	Reserve Artikelen Werktuigbouw

Page: 1/1	Print-out date: 06-01-09 [08:14]		Order nr. 719392
 Rademaker <i>Specialists in food processing equipment</i>		Drawing nr.:	
		Partlist nr.:	719392 - 992 Rev: 1
		Description:	992 Spare parts

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
10		719392	0010006.19199	1		K	1		Summary list electrical spare parts	E-pl spare parts

Page: 1/1	Print-out date: 06-01-09 [08:14]		Order nr. 719392
 <i>Specialists in food processing equipment</i>		Drawing nr.:	
		Partlist nr.:	719392 - S-E1 Rev: 1
		Description:	Spare

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1		719392	1500600.01319	1		K	2		Scraper top/bottom roller	Mes boven/onderwals
2	✓	719392	1800700.02164	1		K	1		Scraper lower roller	Schraapmes onderwals
3	✓	719392	1800700.02287	1		K	1		Scraper top roller	Mes bovenwals

Page: 1/1	Print-out date: 06-01-09 [08:14]		Order nr. 719392
 Specialists in food processing equipment		Drawing nr.:	
		Partlist nr.: 719392 - S-W1 Rev: 1	Manufacture date: Up-dated:
		Description:	Spare

Item	✓	Project	Article number	Rev		#	L[mm]	Description	Specification
30	✓		4001174	1		S	1	I/O module Manufacturer : Allen bradley Typenumber : 20-COMM-D Description 1 : I/O module Description 2 : Devicenet extension module Description 3 : for Powerflex 70, 700 & 7000	All.20-comm-d~dev.net module
130	✓		4002273	1		S	1	Auxiliary relay Manufacturer : Allen Bradley Type number : 700DC-M220D24 Description 1 : Relay (control) Description 2 : 24V DC w/Integrated Diode Description 3 : 2,5 Watt 24Vdc Remark : 2 N.O. /2 N.C., Standard contacts Dimensions : B = 45mm, H = 56mm, D = 48mm 17-07-05-200817 Not deliverable from 01-09-2008(100K..serial) HWA VAV description:Not deliverable from 01-09-2008 (700S-CF..serial) HWA	All.700dc-m220d24~relay (contr
260	✓		4002490	1		S	1	Main relay Manufacturer : Allen Bradley Type number : 100-M12NZD243S Description 1 : Main relay Description 2 : 24Vdc with blow out diode Description 3 : Ie=12A, AC3= Remark : Coil power 2,5W Electrical : Usp = 24vdc, Ic = 7, Pc = - Dimensions : B = 45mm, H = 56mm, D = 48mm	All.100-m12nzd243s~hoofdrelais
280	✓		4002952	1		S	1	Frequency controller Manufacturer : Allen bradley Typenumber : 20AC3P5A0AYNANC0 Description 1 : Frequency controller Description 2 : PowerFlex 70 - 1,5 kW, Frame B Description 3 : Max. motorpower 1,1kW Remark : 3f-400V-3,5A (480V-3,4A), IP20, Int.Filt Dimensions : B = 172mm, H = 235mm, D = 180mm	All.20ac3p5a0aynanc0~frequenti
310	✓		4002958	1		S	1	Opertion module Manufacturer : Allen bradley Type number : 20-HIM-A3 Description 1 : Operation module Description 2 : Him programming module, numerous LCD Description 3 : for PowerFlex 70 enhanced	All.20-him-a3~bedieningsmodule
480	✓		410036	0		S	1	Safety switch >Manufacturer : Bernstein >descriptiong : Safety switch ENK-SU1Z IW br-m >with metric screw thread connection >Pin operated	Ber.enk-sulz iw~bev.schak.metr

Page: 1/3	Print-out date: 06-01-09 [08:14]		Order nr. 719392
 Specialists in food processing equipment	Drawing nr.:	Manufacture date: 7-3-2008	
	Partlist nr.: 719392 - 0010006.19199 Rev: 1	Up-dated: 7-3-2008	
Description:		Summary list electrical spare parts	

Item	✓	Project	Article number	Rev		#	L[mm]	Description	Specification
520	✓		5000530	1		S	1	Valve Manufacturer : Festo Type number : CPE18-M1H-5L-1/4 Order number : 163142 Description 1 : Valve solenoid Description 2 : 5/2-1/4", air control intern Description 3 : 24VDC-1,5W, Flow= 1500 L/min Extra necessary KMEB-1-24-2,5-LED (5000532)	Fes.cpe18-m1h-5l-1/4~valve (so
540	✓		5000568	1		S	1	Valve Manufacturer : Festo Type number : CPE18-M1H-5J-1/4 Order number : 163143 Description 1 : Valve (solenoid) (bi-stable) Description 2 : 5/2 -1/4 Description 3 : 24Vdc-1,5W Flow=1500 I/min	Fes.cpe18-m1h-5j-1/4~valve (so
620	✓		4001326	1		S	1	Safety switch magnet operated Manufacturer : Guardmaster Type number : FRS-2DC C/W Connector Order number : 02094 Description 1 : Safety switch magnet operated Description 2 : M12 connector connection Description 3 : Max.protect with 0,5 A Remark : inclusive magnet	Gua.frs-2dc c/w connector~beve
630	✓		410041	0		S	1	Safety switch Manufacturer : Guardmaster Typenumber : TROJAN 5 Ordernumber : 11090 Description 1 : Safety switch Description 2 : for door safety Remark : IP 67	Gua.trojan 5~beveiligingsschak
690	✓		4002211	1		S	1	Photocelle Manufacturer : Leuze Typenumber : ODS 25/V-200-S12 Order number : 50102824 Description 1 : Fotocel analoog Description 2 : Ub10-30V-25mA,Uout1-10V Description 3 : M12, 4pin, IP67	Leu.ods 25/v-200-s12~fotocel a
720	✓		441226	0		S	1	Interface >Manufacturer : Phoenix >Description : Interface relay emg-10rel/ksr-g24/21-1c >measure 10 * 60 width x length	Pho.emg-10rel/ksr-g24/21-lc~in

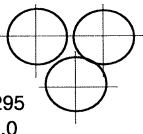
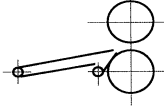
Page: 2/3	Print-out date: 06-01-09 [08:14]		Order nr. 719392
 Specialists in food processing equipment	Drawing nr.:		Manufacture date: 7-3-2008
	Partlist nr.:	719392 - 0010006.19199 Rev: 1	Up-dated: 7-3-2008
	Description:	Summary list electrical spare parts	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
790	✓		4001703	1		S	1		Proximity switch	Tur.bi5u-em18-ap6x-h1141~nader
									Manufacturer : Turck	
									Type number : Bi5U- EM18- AP6X-H1141	
									Order number : 1635340	
									Description 1 : Proximity switch inductive	
									Description 2 : R18, M12, 24VDC-15mA, 3-wire	
									Description 3 : IP68, Sn=5mm, Flush mounting	

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 <i>Specialists in food processing equipment</i>		Drawing nr.:	Manufacture date: 7-3-2008
		Partlist nr.: 719392 - 0010006.19199 Rev: 1	Up-dated: 7-3-2008
		Description:	Summary list electrical spare parts

9.8. Drive list

Klant: Food Systems Design	Naam : T.den Tek
Projectnummer: 719399	Datum : 29-2-2008
Tekeningnummer: 3201200.01479	Versienr.: 2
Benaming: SPEEDDIAGRAM	Gew. :
Rademaker Specialists in food processing equipment	

Min.frequency[Hz]	17,5	DH1S1-EX1		DH1S1-SG1		DH1S1-RC1	
Max.frequency [Hz]	70	Ø 295		Ø 295			
N max. [ratio/min]		29,3		32,3			
Power factor							
Stretchfactor	1,2	Ø 295		1,1			
Production Speed [%]	85	31,0					
Specific gravity [kg/dm³]	1	1,5		1,5		1,2	
Regulationfactor						0,8	
Increasefactor							
Individual regulationfactor							
Workingwidth [mm]		1000		1000		1000	
Item		Extruder(3-roll)		Gauging station		Cutting	
Detailname		Lower rollers		Upper rollers		Supply belt	

Width [mm]		1000	1000	1000	1000	1000	1000
Thickness [mm]		0,9		0,9	0,6	0,6	0,6
Speed [m/min]	Max.	16,33	17,96	13,61	24,50	24,50	23,48
Speed ref. signal [VDC]		5,3 VDC	5,6 VDC	6,2 VDC	6,5 VDC	6,5 VDC	7,3 VDC
Width [mm]		1000	1000	1000	1000	1000	1000
Thickness [mm]	Oven	0,9		0,9	0,6	0,6	0,6
Speed [m/min]	speed	14,40	15,84	12,00	21,60	21,60	20,70
Speed ref. signal [VDC]		4,6 VDC	4,9 VDC	5,5 VDC	5,7 VDC	5,7 VDC	6,4 VDC
Width [mm]		1000	1000	1000	1000	1000	1000
Thickness [mm]		1,1		1,1	0,9	0,9	0,9
Speed [m/min]	Min.	8,18	9,00	6,82	10,00	10,00	9,58
Speed ref. signal [VDC]		2,6 VDC	2,8 VDC	3,1 VDC	2,6 VDC	2,6 VDC	3 VDC
Width [mm]		1000	1000	1000	1000	1000	1000
Thickness [mm]				0,9	0,6	0,6	0,6
Speed [m/min]							
Speed ref. signal [VDC]		0 VDC	0 VDC	0 VDC	0 VDC	0 VDC	0 VDC
Width [mm]		1000	1000	1000	1000	1000	1000
Thickness [mm]				0,9	0,6	0,6	0,6
Speed [m/min]							
Speed ref. signal [VDC]		0 VDC	0 VDC	0 VDC	0 VDC	0 VDC	0 VDC
V speed [m/min]		24,52	26,97	20,44	36,79	36,79	28,19
V _{max} [m/min]		31,04	32,25	21,95	37,83	37,83	32,20
Max. Frequency [Hz]		70	70	70	70	70	70
Min. Frequency [Hz]		18,4	19,5	21,7	18,5	18,5	20,8

Rollerdiameter [mm]		295	295	86	400	400	200
Sprocket roller		34	38	1	32	32	1
Sprocket drive		24	24	1	19	19	1
Chain dimension		E1 1/4	E1 1/4		E1 1/2	E1 1/2	
F [N by mm workingwidth]		17,5	10	2	10	10	1
Torque roller [Nm]		2581	1475	86	2000	2000	100
Torque drive [Nm]		1822	932	86	1188	1188	100
i Calculated		54,2	44,1	26,8	41,2	41,2	45,2
P calculated [kW]		8,98	5,33	0,73	6,25	6,25	0,53

Pos. number		1	2	3	4	15	5
PAC number		701	701	703	703	703	705
(Part-)projectnumber		719301	719301	719303	719303	719303	719304
Quantity		1	1	1	1	1	1
Supplier	SEW	SEW	SEW	SEW	SEW	SEW	SEW
Reductortype		R97	R87	KA37	K77	K77	KF47
Motortype		DV132ML4	DV132S4	DT80N4	DV132M4	DV132M4	DT80K4
Mounting position gearbox		M1	M1	M4B	M1B	M1A	M2A
Mounting pos. terminalbox		0	0	0	0	180	270
UL / CSA norm	YES	YES	YES	YES	YES	YES	YES
N1 at 60 Hz [ratio/min]		1740	1720	1700	1740	1740	1700
N2 at 60 Hz [ratio/min]		40,7	46,7	68,0	43,5	43,5	42,9
i Supplier		42,78	36,84	24,99	40,04	40,04	39,61
P Supplier [kW]		9,2	5,5	0,75	7,5	7,5	0,55
External ventilation							
Clixon(TH)/Insulation class F		YES	YES	YES	YES	YES	YES
Voltage [V]	3x460	3x460	3x460	3x460	3x460	3x460	3x460
Frequency [Hz]	60	60	60	60	60	60	60
Enclosure (IP)	55	55	55	55	55	55	55
Remarks				Hollow shaft 30			
							Flange 200
All reducers filled with							
Food-grade oil (H1)		Z upper roller					
		36					

Min.frequency[Hz]	17,5	DH1S1-DR1		DH1S1-RC2	DH1S1-MC1	DH1S1-TB1		
Max.frequency [Hz]	70							
N max. [ratio/min]								
Power factor								
Stretchfactor	1,2							
Produktion Speed [%]	85							
Specific gravity [kg/dm³]	1							
		1,2	1,2	1,2	1,2	1,2		
Regulationfactor							0,98	
Increasefactor								
Individual regelationfactor								
Workingwidth [mm]		1000	200	200	1000	1000		
Item		Scrapremov.		Cutting	Main	Outfeed	SIGMA	
Detailname		system		roller	conveyor	conveyor	VARIANT B	
Width [mm]		1000		1000	1000	1000		
Thickness [mm]		0,6		0,6	0,6	0,6		
Speed [m/min]	Max.	23,48	17,61	23,48	20,42	20,42	Capacity	735
Speed ref. signal [VDC]		8,1 VDC	7,2 VDC	7,6 VDC	7,9 VDC	7,9 VDC		
Width [mm]		1000		1000	1000	1000		
Thickness [mm]	Oven	0,6		0,6	0,6	0,6		
Speed [m/min]	speed	20,70	15,53	20,70	18,00	18,00	Capacity	648
Speed ref. signal [VDC]		7,1 VDC	6,4 VDC	6,7 VDC	7 VDC	7 VDC		
Width [mm]		1000		1000	1000	1000		
Thickness [mm]		0,9		0,9	0,9	0,9		
Speed [m/min]	Min.	9,58	7,19	9,58	8,33	8,33	Capacity	450
Speed ref. signal [VDC]		3,3 VDC	2,9 VDC	3,1 VDC	3,2 VDC	3,2 VDC		
Width [mm]		1000		1000	1000	1000		
Thickness [mm]		0,6		0,6	0,6	0,6		
Speed [m/min]							Capacity	
Speed ref. signal [VDC]		0 VDC	0 VDC	0 VDC	0 VDC	0 VDC		
Width [mm]		1000		1000	1000	1000		
Thickness [mm]		0,6		0,6	0,6	0,6		
Speed [m/min]							Capacity	
Speed ref. signal [VDC]		0 VDC	0 VDC	0 VDC	0 VDC	0 VDC		
V speed [m/min]		28,19	21,14	28,19	24,51	24,51		
V _{max} [m/min]		29,16	24,38	30,74	25,76	25,76		
Max. Frequency [Hz]		70	70	70	70	70		
Min. Frequency [Hz]		23,0	20,6	21,8	22,6	22,6		
Rollerdiameter [mm]		70	50	240	160	160		
Sprocket roller		1	1	1	1	1		
Sprocket drive		1	1	1	1	1		
Chain dimension								
F [N by mm workingwidth]		1,3	1,3	1	3	3		
Torque roller [Nm]		46	7	24	240	240		
Torque drive [Nm]		46	7	24	240	240		
i Calculated		15,8	15,1	54,3	41,6	41,6		
P calculated [kW]		0,63	0,11	0,10	1,28	1,28		
Pos. number		6	7	8	9	10		
PAC number		706	706	707	704	708		
(Part-)projectnumber		719305	719305	719306	719302	719307		
Quantity		1	1	1	1	1		
Supplier	SEW	SEW	SEW	SEW	SEW	SEW		
Reductortype		KA37	KA37	KA37	KA47	KA47		
Motortype		DT80N4	DR63L4	DR63L4	DT90L4	DT90L4		
Mounting position gearbox		M4A	M4A	M4A	M2B	M2B		
Mounting pos. terminalbox		90	90	90	270	270		
UL / CSA norm	YES	YES	YES	YES	YES	YES		
N1 at 60 Hz [ratio/min]		1700	1720	1720	1720	1720		
N2 at 60 Hz [ratio/min]		111,0	131,5	34,5	43,4	43,4		
i Supplier		15,31	13,08	49,79	39,61	39,61		
P Supplier [kW]		0,75	0,25	0,25	1,5	1,5		
External ventilation								
Clixon(TH)/Insulation class F		YES	YES	YES	YES	YES		
Voltage [V]	3x460	3x460	3x460	3x460	3x460	3x460		
Frequency [Hz]	60	60	60	60	60	60		
Enclosure (IP)	55	55	55	55	55	55		
Remarks		Hollow shaft 30	Hollow shaft 30	Hollow shaft 25	Hollow shaft 35	Hollow shaft 35		
All reducers filled with								
Food-grade oil (H1)								

Klant: Food Systems Design

Projectnummer: 719399

Tekeningnummer: 3201200.01479

Benaming: SPEEDDIAGRAM

Rademaker

Specialists in food processing equipment

Min.frequency[Hz]	17,5		DH1S1-EX1	DH1S1-SG1	DH1S1-SG1
Max.frequency [Hz]	70				
N max. [ratio/min]					
Power factor					
Stretchfactor	1,2				
Produktion Speed [%]	85				
Specific gravity [kg/dm³]	1				
Regulationfactor					
Increasefactor					
Individual regelationfactor					
Workingwidth [mm]			Extruder(3-roll)	Gauging station	Gauging station
Item			Doughthickn.	Doughthickn.	Doughthickn.
Detailname			Adjustment	Adjustment	Adjustment
Width [mm]					
Thickness [mm]					
Speed [m/min]	Max.	kg/hr			
Speed ref. signal [VDC]					
Width [mm]					
Thickness [mm]	Oven				
Speed [m/min]	speed	kg/hr			
Speed ref. signal [VDC]					
Width [mm]					
Thickness [mm]					
Speed [m/min]	Min.	kg/hr			
Speed ref. signal [VDC]					
Width [mm]					
Thickness [mm]					
Speed [m/min]		kg/hr			
Speed ref. signal [VDC]					
Width [mm]					
Thickness [mm]					
Speed [m/min]		kg/hr			
Speed ref. signal [VDC]					
V speed [m/min]					
V _{max} [m/min]					
Max. Frequency [Hz]					
Min. Frequency [Hz]					
Rollerdiameter [mm]					
Sprocket roller			1	1	1
Sprocket drive			1	1	1
Chain dimension					
F [N by mm workingwidth]					
Torque roller [Nm]					
Torque drive [Nm]					
i Calculated					
P calculated [kW]					
Pos. number			11	12	13
PAC number			701	703	703
(Part-)projectnumber			719301	719303	719303
Quantity			2	2	1
Supplier	SEW		SEW	SEW	AXIS
Reductortype			WA30T	RF17	M4-V-L-TGS-50-G-0-0-0-0-Z
Motortype			DR63S4	DR63S4	Spindelreduktor
Mounting position gearbox			M2A	M4	Mounting pos.drive A
Mounting pos. terminalbox			180	0	
UL / CSA norm	YES		YES	YES	
N1 at 60 Hz [ratio/min]			1584	1650	
N2 at 60 Hz [ratio/min]			26,4	218,5	
i Supplier			60	7,55	28
P Supplier [kW]			0,12	0,12	
External ventilation					
Clixon(TH)/Insulation class F					
Voltage [V]	3x460		3x460	3x460	
Frequency [Hz]	60		60	60	
Enclosure (IP)	55		55	55	
Remarks			Hollow shaft 20		With RA 24/28 elastic coupling shaft 20mm
				Flange 120	With MG MULI 4 cover
All reducers filled with					Flange 120
Food-grade oil (H1)					

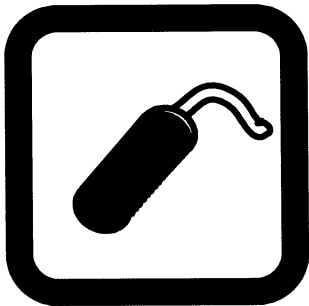
Klant: Food Systems Design	
Projectnummer: 719399	
Tekeningnummer: 3201200.01479	
Benaming: SPEEDDIAGRAM	
Rademaker	Specialists in food processing equipment

Min.frequency[Hz]	17,5	DH1S1-SG1
Max.frequency [Hz]	70	
N max. [ratio/min]		
Power factor		
Stretchfactor	1,2	
Produktion Speed [%]	85	
Specific gravity [kg/dm³]	1	
Regulationfactor		
Increasefactor		
Individual regelationfactor		
Workingwidth [mm]		Gauging station
Item		Doughthickn.
Detailname		Adjustment

Width [mm]		
Thickness [mm]		
Speed [m/min]	Max.	
Speed ref. signal [VDC]		
Width [mm]		
Thickness [mm]	Oven	
Speed [m/min]	speed	
Speed ref. signal [VDC]		
Width [mm]		
Thickness [mm]		
Speed [m/min]	Min.	
Speed ref. signal [VDC]		
Width [mm]		
Thickness [mm]		
Speed [m/min]		
Speed ref. signal [VDC]		
Width [mm]		
Thickness [mm]		
Speed [m/min]		
Speed ref. signal [VDC]		
V speed [m/min]		
V _{max} [m/min]		
Max. Frequency [Hz]		
Min. Frequency [Hz]		

Rollerdiameter [mm]		
Sprocket roller		1
Sprocket drive		1
Chain dimension		
F [N by mm workingwidth]		
Torque roller [Nm]		
Torque drive [Nm]		
i Calculated		
P calculated [kW]		

Pos. number		14
PAC number		703
(Part-)projectnumber		719303
Quantity		1
Supplier	SEW	AXIS
Reductortype		M4-V-L-TGS-50-G-0-0-0-Z
Motortype		Spindelreduktor
Mounting position gearbox		Mounting pos.drive B
Mounting pos. terminalbox		
UL / CSA norm	YES	
N1 at 60 Hz [ratio/min]		
N2 at 60 Hz [ratio/min]		
i Supplier		28
P Supplier [kW]		
External ventilation		
Clixon(TH)/Insulation class F		
Voltage [V]	3x460	
Frequency [Hz]	60	
Enclosure (IP)	55	
Remarks		With RA 24/28 elastic coupling shaft 20mm
All reducers filled with		With MG MULI 4 cover
Food-grade oil (H1)		Flange 120



10 ELECTRICAL PARTS LIST

Table of contents



10 ELECTRICAL PARTS LIST 1

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10.1. Introduction

Use this parts list when ordering replacement parts for your Rademaker system.

Explanation of parts list structure

The total system is shown on the customer drawing (see the index of this chapter). All units on this customer drawing have a position number (the so-called **PAC-number**). Each **PAC-number** has its own numbered divider. The number of the divider is the same as the last two digits of the **PAC-number**. Behind each divider you will find the first page, assembly drawing, the parts list and the sub parts lists. On the parts list the sub part lists are marked with . The recommended spare parts are marked on the parts lists with $\checkmark$.

Item number = Position number

Indication for spare part

Indication for sub part lists

Item	$\checkmark$	Article number			#	L[mm]	Description	Specification
10		0800900.01079		K	7		Support pipe clamping	Steun pijpklem
20		0800900.01080		K	7		Pipe clamping	Pijpklem
30		0800900.01161		K	1		Air guide	Luchtleiding 1
40		0800900.01162		K	1		Air guide	Luchtleiding 2
50		2		K	2		Hose pilar	Slangpilaar 33x1 1/4" chr.
60		513280		S	2		Hose coupling	Spizk 17x1/2 chr.2601
70		528150		S	2		Reducing ring	Vr3/4x1/2 chr.2530
80	$\checkmark$	1071345		S	2	250,0	Hose	Pvc slang 16x24 inl.
90		1052130		S	4		Hose clip	Slangklem 19x28 rvs ABA
100		3		K	1	1700,0	Air hose	Luchtslang Picoflex Tricoclair
110		1052160		S	2		Hose clip	Slangklem 38x50 rvs ABA
120		526150		S	1		Plug	Plug 3/4 chr.2610
130		4		K	1		Plug	Zesk. plug 1 1/4" cil.dr. chr.

Page: 1/1	Print-out date: 24-05-02 [14:26]	Order nr. 598001
Description: Air guide work	Drawing nr.:	Partlist nr.: 0800901.01033
	Manufacture date: 29-01-2002	Up-dated:
Rademaker BV		

Fig. 1

Example of parts list

10.2. Ordering parts

All parts are shipped from the factory in Culemborg, Holland. Orders are accepted by mail, telephone, E-mail or fax. Always state the following information when ordering parts:

- Machine type
- Serial number
- PAC number
- Part list number
- Article number
- Part description
- Part specification
- Project number
- Amount
- See Identification tag
- See Identification tag
- See Customer drawing or identification tag
- See Parts list
- See Parts list
- See Parts list
- See Parts list
- See Parts list

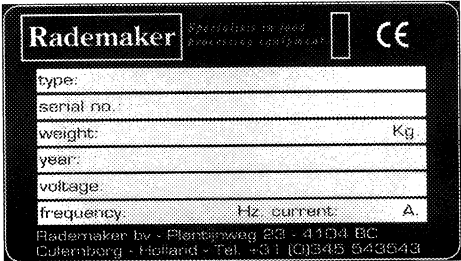


Fig. 2 Identification tag

Part list number				Project number							
Article number				Part description				Part specification			
Item	✓	Article number			[mm]	Description		Specification			
10		0800900.01079		K	7	Support pipe clamping		Steun pijpklem			
20		0800900.01080		K	7	Pipe clamping		Pijpklem			
30		0800900.01161		K	1	Air guide		Luchtleiding 1			
40		0800900.01162		K	1	Air guide		Luchtleiding 2			
50		2		K	2	Support pillar		Langpilaar 33x1 1/4" chr.			
60		513280		S	2	Hose coupling		Slang 17x1/2 chr.2601			
70		528150		S	2	Reduction ring		Slang 1/4x1/2 chr.2530			
80	✓	1071345		S	2 250,0	Hose		Slang 16x24 inl.			
90		1052130		S	4	Hose clip		Slang klem 19x28 rvs ABA			
100		3		K	1 1700,0	Air hose		Lucht slang Picoflex Tricocclair			
110		1052160		S	2	Hose clip		Slang klem 38x50 rvs ABA			
120		526150		S	1	Plug		Plug 3/4 chr.2610			
130		4		K	1	Plug		Zesk. plug 1 1/4" cil.dr. chr.			

Page: 1/1		Print-out date: 24-05-02 [14:26]		Order nr.: 598001	
Description: Air guide work				Drawing nr.:	
				Partlist nr.: 0800901.01033	
				Manufacture date: 29-01-2002 Up-dated:	
Rademaker BV					

Fig. 3 Example of parts list

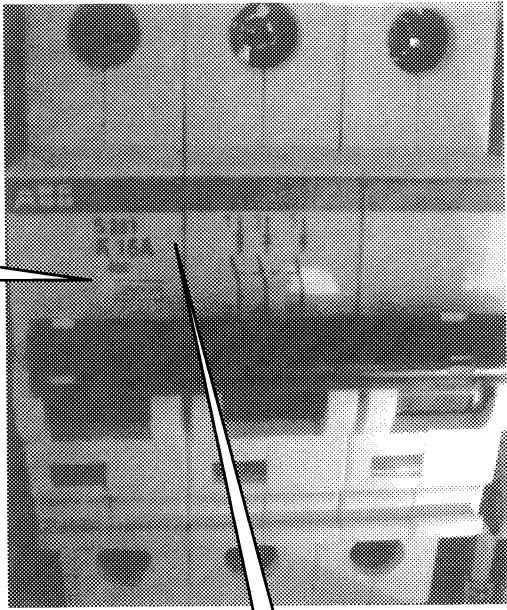
10.3. Locating parts on parts list

For an example of the explanation below, see next page.

Start:

1. Look for the specifications of the desired parts on the part!
2. Locate the unit on the customer drawing where the desired part is situated.
3. Look for the summary list of the unit on the General summary list.
4. Look for the correct Electro list.
5. On the Electro parts list you will find the desired part number, its article number, description, specification and project number.
6. **Now you have all the parts list information and can go on with the customer drawing and the identification tag information.**
7. Look for this unit's PAC-number on the customer drawing.
8. Look for the machine type on the identification tag.
9. Look for the serial number of the system on the identification tag.
10. Order the part.

10.4. Locating parts on parts list example



1: Specifications

Desired part

Item	✓	Article number	#	L[run]	Description	Specification
10		0010001.18321	K	1	Summary list	V-stl hoof-module msp-high
20		0010001.18324	K	3	Summary list	V-stl hoof-module msp
30		0010001.18325	K	1	Summary list	V-stl hoof-module wk
40		0010001.18331	K	2	Summary list	V-stl hoof-module legger
50		0010001.18332	K	1	Summary list	V-stl hoof-module les
60		0010001.18333	K	0	Summary list	V-stl hoof-module extruder
70		0010001.18339	K	1	Summary list	V-stl hoof-module deegafleemb
80		0010001.18340	K	0	Summary list	V-stl hoof-module flex-beam
90		0010001.18346	K	1	Summary list	V-stl hoof-module boterpomp
100		0010001.18347	K	1	Summary list	V-stl hoof-module hoofkast
110		0010001.18348	K	0	Summary list	V-stl hoof-module trafo
130		0010001.18322	K	10	Summary list	V-stl sub-module meelstrooier
140		0010001.18338	K	0	Summary list	V-stl sub-module deegfoerob
150		0010001.18345	K	1	Summary list	V-stl sub-module guillotine
160		0010001.18351	K	0	Summary list	V-stl sub-module lascontrole
170		0010007.17230	K	1	Electro list	E-stl diverse

3: Summary list

Item	✓	Article number	#	L[run]	Description	Specification
10		0017201.17066	K	1	Electro list	E-stl wk
100		0010000.19223	K	1	O1 two reel gauging station	O1 wk
110		0800000.01205	K	1	Electro list	K1 wk

Page: 1/1

Print-out date: 01-10-02 (15:08)

Order nr. 589695

Description: Summary list

Drawing nr.: 0010001.18325

Partlist nr.: 0010001.18325

Manufacture date: 16-10-2001 | Up-dated:

Rademaker BV

4: Electro list

Item	✓	Article number	#	L[run]	Description	Specification
10		443946	S	1	Circuit breaker	Abb s283k16-automatic
20		440621	S	1	Frequency inverter	Len.s82ev371k2b-0,37 1f freqinv
30	✓	440623	S	1	Frequency inverter	Len.s82ev371k2b-0,75 1f freqinv
40		440743	S	2	Profiflash	Len.s82afp-profiflash fil modul
70		440500	S	1	Emergency stop knob	Len.s42-b8-44-noodstopknop
90		406022	S	1	Label emergency	Tel.zb209-element ex-br
110		406022	S	1	Element	Tel.zb46x102-element ex-br
130	✓	406029	S	1	Element	Tel.zb6102-element ex-br
140	✓	406028	S	1	Element	Tel.zb6101-element ex-m

Page: 1/1

Print-out date: 01-10-02 (15:08)

Order nr. 589695

Description: Electro list

Drawing nr.: 0010000.17066-A3

Partlist nr.: 0017201.17066

Manufacture date: 16-10-2001 | Up-dated:

Rademaker BV

Specifications

5: Part number, etc

10.5. Main electrical parts list

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
10		719395	0010001.21758	2		K	1		Summary list electrical parts	V-pl general

Page: 1/1	Print-out date: 06-01-09 [08:14]		Order nr. 719395
 <i>Specialists in food processing equipment</i>	Drawing nr.:		
	Partlist nr.:	719395 - 995 Rev: 2	
		Description:	995 Main partlist (electro)

10.6. Electrical parts lists

For the associated schemes see chapter electrical circuit diagram

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
10		719395	0017201.17469	2		K	1		General electrical parts list sheeting station	Vpl- sheeting station

Page: 1/1	Print-out date: 06-01-09 [08:14]		Order nr. 719395
 <i>Specialists in food processing equipment</i>	Drawing nr.:		Manufacture date: 24-1-2008
	Partlist nr.:	719395 - 0010001.21758 Rev: 2	Up-dated: 11-3-2008
	Description:	Summary list electrical parts	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
10		719395	0017201.17470	2		K	1		Electrical parts list sheeting station	EB-pl sheeting station
20		719395	0017201.17471	3		K	1		Electrical parts list sheeting station	EK-pl sheeting station
30		719395	0017201.17472	2		K	1		Electrical parts list sheeting station	EV-pl sheeting station
40		719395	0028001.02395	1		K	1		List pneumatics parts sheeting station	A1-pl sheeting station
50		719395	0010002.18584	1		K	1		Electrical parts list sheeting station	N-pl sheeting station
100		719395	0010000.21844	1		K	1		Electrical project sheeting station	O1 sheeting station
110		719395	0800000.03266	1		K	1		Electrical cabinet arrangement sheeting station	K1 controlbox layout sheeting

Page: 1/1	Print-out date: 06-01-09 [08:14]		Order nr. 719395
 Specialists in food processing equipment	Drawing nr.:	Manufacture date: 24-1-2008	
	Partlist nr.: 719395 - 0017201.17469 Rev: 2	Up-dated: 11-3-2008	
		Description:	General electrical parts list sheeting station

Item	✓	Project	Article number	Rev		#	L[mm]	Description	Specification
10	✓		4002366	1		S	1	Touch screen	All.2711p-t10c4d2~touchscherm
Manufacturer : Allen bradley Typenumber : 2711P-T10C4D2 Description 1 : Touchscreen Description 2 : St.com.(Ethernet & RS232) Description 3 : 128 MB Flash/128 MB RAM Remark : 2.9 A at 24V dc Dimensions : B = 305mm, H = 224mm, D = -mm									

Page: 1/1	Print-out date: 06-01-09 [08:14]		Order nr. 719395
 <i>Specialists in food processing equipment</i>	Drawing nr.:		Manufacture date: 24-1-2008
	Partlist nr.:	719395 - 0017201.17470 Rev: 2	Up-dated: 11-11-2008
		Description:	Electrical parts list sheeting station

Item	✓	Project	Article number	Rev		#	L[mm]	Description	Specification
10	✓		4000294	0		S	1	? Manufacturer : Allen bradley Typenumber : 1769-IQ16 Description 1 : PLC digital input/output module Description 2 : Compact I/O module Description 3 : 16 Inputs, 24Vdc, sink/source Remark : 115 mA @ 5V 0ma@24V, PSD=8mod. Dimensions : B = 35mm, H = 132mm, D = 87mm	All.1769-iq16~compact i/o modu
20			4000296	0		S	1	Guard	All.1769-ecr~eindkappen
30	✓		4000304	0		S	1	Grid Manufacturer : Rittal Typenumber : SK 3326.207 Description 1 : Vantilationgrille Measure : 323 x 323 mm	Rit.sk 3326.207~ventilatie-roos
40	✓		4000558	1		S	1	Main switch Manufacturer : Kraus & naimer Type number : kg125t104/nlb660ve Order number : 043033 Description 1 : Main switch Description 2 : 125A, 4 pole, IP65 Bottom mounting padlock lock VAV-date : 25-03-2005 VAV description : See 400558	Kra.kg125t104/nlb660ve~main sw
50	✓		4000654	1		S	1	Thermostat Manufacturer : Rittal Typenumber : SK3110.000 Description 1 : Thermostat Description 2 : Switch box thermostat (bimetal) Description 3 : 24Vac t/m 230Vac - 24Vdc t/m 60Vdc Remark : 1 pol change contact Measure : B=71mm, H=71mm, D=33.5mm	Rit.sk3110.000~thermostaat
60	✓		4001174	1		S	10	I/O module Manufacturer : Allen bradley Typenumber : 20-COMM-D Description 1 : I/O module Description 2 : Devicenet extension module Description 3 : for Powerflex 70, 700 & 7000	All.20-comm-d~dev.net module
70	✓		4001316	1		S	2	Cable Manufacturer : AMP Type number : 346934-1 Order number : 1-1644077-2 Description 1 : Kabel Description 2 : Ethernet cable with RJ45-RJ45 connector Description 3 : L=1,5m FTP cable (foilded) white - Cat5 - AWG26	Amp.346934-1~kabel 1,5m
Page: 1/8			Print-out date: 06-01-09 [08:14]					Order nr. 719395	
 Specialists in food processing equipment			Drawing nr.:					Manufacture date: 24-1-2008	
			Partlist nr.: 719395 - 0017201.17471 Rev: 3					Up-dated: 11-11-2008	
			Description: Electrical parts list sheeting station						

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
80	✓		4001609	1		S	4		Fuse holde	All.1492-h5~fuse holder
									Manufacturer : Allen bradley Type number : 1492-H5 Description 1 : Fuse holder Description 2 : Led Dimensions : B = 9.1mm, H = 81.3mm, D = - mm	
90	✓		4001653	1		S	1		Galvanic separation	Pho.mcr-c-ui-ui-dci-nc~galvani
									Manufacturer : Phoenix Typenumber : MCR-C-UI-UI-DCI-NC Description 1 : Galvanic separation Description 2 : configurable isolating amplifier Description 3 : volt and current in en output Remark : adjustable by DIP switches 24Vdc/30mA Measures : B = - mm, H = 99mm, D = - mm : as replacement of the lenze 2008	
100	✓		4001837	1		S	1		?	All.1784-cf64~flash-eprom
									Manufacturer : Allen bradley Typenumber : 1784-CF64 Description 1 : Flash-Eprom Description 2 : Compactflash card 64MB Description 3 : for 1756-L61 processor Remark : Controllogix	
110	✓		4001923	1		S	1		Ethernet switch	Hir.spider 5tx~ethernet switch
									Manufacturer : Hirschmann Typenumber : Spider 5TX Ordernumber : 943 824-002 Description 1 : Ethernet Switch Description 2 : 5x10/100Base-TX, RJ45 sockets, auto crossing Description 3 : 24Vdc Din rail montage, 24Vdc-100mA Remark : Ethernet (10Mbit/s) or fast (100Mbit/s) Dimensions : B = 25mm, H = 100mm, D = 78,5mm	
120	✓		4001953	1		S	2		Motor safety	All.140m-c2e-b25~motorbeveilig
									Manufacturer : Allen bradley Typenumber : 140M-C2E-B25 Description 1 : Motor safety switch Description 2 : 1.6-2.5 Ampere Dimensions : B = 45mm, H = 90mm, D = 74mm	
130	✓		4001954	1		S	2		Motor safety	All.140m-c2e-b40~motorbeveilig
									Manufacturer : Allen bradley Typenumber : 140M-C2E-B40 Description 1 : Motor safety switch Description 2 : 2.5-4.0 Ampere Dimensions : B = 45mm, H = 90mm, D = 74mm	

Page: 2/8	Print-out date: 06-01-09 [08:14]		Order nr. 719395
 <i>Specialists in food processing equipment</i>		Drawing nr.:	Manufacture date: 24-1-2008
		Partlist nr.: 719395 - 0017201.17471 Rev: 3	Up-dated: 11-11-2008
		Description:	Electrical parts list sheeting station

Item	✓	Project	Article number	Rev		#	L[mm]	Description	Specification
140	✓		4001955	1		S	2	Motor safety Manufacturer : Allen bradley Typenumber : 140M-C2E-B63 Description 1 : Motor safety switch Description 2 : 4,0-6.3 Ampere Dimensions : B = 45mm, H = 90mm, D = 74mm	All.140m-c2e-b63~motorbeveilig
150			4002006	1		S	1	Connection block	All.140m-c-wt-aansluitblok
160	✓		4002136	1		S	1	. Manufacturer : Allen bradley Type number : 140M-C2E-C16 Description 1 : Motor safety switch Description 2 : 10-16 Ampere Dimensions : B = 45mm, H = 90mm, D = 74mm	All.140m-c2e-c16~motorbeveilig
170			4002137	1		S	2	Overload protection	All.140m-c2e-c20~motorbeveilig
180			4002162	1		S	2	.	All.140m-c-w455~doorverbinding
190	✓		4002207	1		S	6	Fuse Manufacturer : Undifinable Type number : 189 020.0.800 Description 1 : Fuse Description 2 : 6,3x32mm 0,8A/500V ceramic Description 3 : Siba	Xxx.189 020.0.800~fuse
200	✓		4002208	1		S	6	Fuse Manufacturer : Undefined Type number : 0189 020.4 Description 1 : Fuse Description 2 : 6.3x32 mm 4 A /500V ceramic Description 3 : Siba	Xxx.189 020.4~fuse
210	✓		4002273	1		S	2	Auxiliary relay Manufacturer : Allen Bradley Type number : 700DC-M220D24 Description 1 : Relay (control) Description 2 : 24V DC w/Integrated Diode Description 3 : 2,5 Watt 24Vdc Remark : 2 N.O. /2 N.C., Standard contacts Dimensions : B = 45mm, H = 56mm, D = 48mm 17-07-05-200817 Not deliverable from 01-09-2008 (100K..serial) HWA VAV description:Not deliverable from 01-09-2008 (700S-CF..serial) HWA	All.700dc-m220d24~relay (contr

Page: 3/8	Print-out date: 06-01-09 [08:14]		Order nr. 719395
 Specialists in food processing equipment	Drawing nr.:		Manufacture date: 24-1-2008
	Partlist nr.:	719395.- 0017201.17471 Rev: 3	Up-dated: 11-11-2008
		Description:	Electrical parts list sheeting station

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
220	✓		4002279	1		S	1		Auxillary contact block Manufacturer : Allen bradley Type number : 195-MA40 Description 1 : Auxiliary contactblock Description 2 : 53-54, 63-64, 73-74, 83-84 17-07-05-200817 Not deliverable from 01-09-2008 (100K.. serial) -HWA	All.195-ma40~hulpcontactblok
230	✓		4002357	1		S	1		PLC device-net module Manufacturer : Allen bradley Typenumber : 1769-SDN Description 1 : PLC device-net module Description 2 : Compactlogix Description 3 : Com. rate 125k, 250k, 500k Kbps Remark : 440mA@54vdc, 0mA@24Vdc, PSD=4 Dimensions : B = 67.5mm, H = 132mm, D = 100mm	All.1769-sdn~plc device-net mo
240	✓		4002358	1		S	1		PLC power supply module Manufacturer : Allen bradley Typenumber : 1769-PB2 Description 1 : PLC power supply module Description 2 : Compactlogix Description 3 : Power supply 19,2-31,2Vdc Remark : 2A at 5V / 0,8A at 24V Dimensions : B = 125mm, H = 132mm, D = 100mm	All.1769-pb2~plc voedingsmodul
250	✓		4002359	1		S	1		Analog input Manufacturer : Allen bradley Type number : 1769-IF8 Description 1 : PLC analoge input module Description 2 : Micro/compact logix, 8 Inputs Description 3 : ±10Vdc, 0-10Vdc, 0-5Vdc, 1-5Vdc, 0-2mA 4-20mA Remark : 120mA@5Vdc, 70 mA@24Vdc, PSD=8mod. Dimensions : B = 35mm, H = 132mm, D = 87mm	All.1769-if8~plc analoge input
260	✓		4002365	1		S	1		Modem Manufacturer : Rockwell automation Typenumber : 9300-Rades Description 1 : Modem Description 2 : + 4ports switch, 10/100 Mbs, 24Vdc-200mA Description 3 : Incl 4x CAT5E patch UTP kabel (1,82 mtr) Remark : incl Tel.cable Dimensions : B = 51mm, H = 107mm, D = 89mm	Roc.9300-rades~modem
270	✓		4002406	1		S	1		Adapter Manufacturer : Allen bradley Type number : 800F-ALP Description 1 : Adapter Description 2 : for contact element Description 3 : On behalf of assembly elements	All.800f-alp~adapter
Page: 4/8			Print-out date: 06-01-09 [08:14]						Order nr. 719395	
 <i>Specialists in food processing equipment</i>			Drawing nr.:						Manufacture date: 24-1-2008	
			Partlist nr.: 719395 - 0017201.17471 Rev: 3						Up-dated: 11-11-2008	
			Description:						Electrical parts list sheeting station	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
280			4002407	1		S	1		Contact element	All.800f-x10~contact element
290	✓		4002408	1		S	1		Contact element	All.800f-x01~contact element
									Manufacturer : Allen bradley Typenumber : 800F-X01 Description 1 : Contact element Description 2 : Break element Description 3 : for front assembly Remark : Connect on adaptor nr 4002406	
300			4002417	1		S	1		Emergency stop knob	All.800fp-mt44~noodstopknop
310			4002434	1		S	1		Circuit breaker	All.1492-sp1d060~automaat
320			4002448	1		S	2		Circuit breaker	All.1492-sp3d060~automaat
330			4002449	1		S	1		Automatic circuit breaker	All.1492-sp3d100~automaat
340	✓		4002490	1		S	15		Main relay	All.100-m12nzd243s~hoofdrelais
									Manufacturer : Allen Bradley Type number : 100-M12NZD243S Description 1 : Main relay Description 2 : 24Vdc with blow out diode Description 3 : Ie=12A, AC3= Remark : Coil power 2,5W Electrical : Usp = 24vdc, Ic = 7, Pc = - Dimensions : B = 45mm, H = 56mm, D = 48mm	
350	✓		4002498	1		S	8		Auxiliary contact block	All.195-mb11~hulpcontactblok
									Manufacturer : Allen bradley Typenumber : 195-MB11 Description 1 : Auxiliary contact block 17 07-05-200817 Not deliverable from 01-09-2008 (100-K.. serial)- HWA	
360			4002506	1		S	10		Assembly adapter	Wei.fm 5~montage adapter
370	✓		4002578	1		S	1		Cable	Amp.1-1644077-3~kabel
									Manufacturer : AMP Type number : 1-1644077-3 Description 1 : Cable Description 2 : Ethernetcable RJ45-RJ45 1:1 Description 3 : L=3m FTP cable (foilded) wihte - Cat5 - AWG26	
380			4002579	1		S	1		Box ventilating fan	Rit.sk3327.147~kastventilator

Item	✓	Project	Article number	Rev		#	L[mm]	Description	Specification
390	✓		4002951	1		S	2	Frequency controller	All.20ac2p1a0aynanc0~frequenti
Manufacturer : Allen bradley Typenumber : 20AC2P1A0AYNANC0 Description 1 : Frequency controller Description 2 : Powerflex 70 - 0,75kW, Frame B Description 3 : Max. motorpower 0,55kW Remark : 3f-400V-2,1A (480V-2,1A), IP20 Int.filte Dimensions : B = 172mm, H = 235mm, D = 180mm									
400	✓		4002952	1		S	2	Frequency controller	All.20ac3p5a0aynanc0~frequenti
Manufacturer : Allen bradley Typenumber : 20AC3P5A0AYNANC0 Description 1 : Frequency controller Description 2 : PowerFlex 70 - 1,5 kW, Frame B Description 3 : Max. motorpower 1,1kW Remark : 3f-400V-3,5A (480V-3,4A), IP20, Int.Filt Dimensions : B = 172mm, H = 235mm, D = 180mm									
410	✓		4002953	1		S	2	Frequency controller	All.20ac5p0a0aynanc0~frequenti
Manufacturer : Allen bradley Typenumber : 20AC5P0A0AYNANC0 Description 1 : Frequency controller Description 2 : Powerflex 70 - 2,2kW, Frame B Description 3 : Max. motorpower 1,5kW Remark : 3f-400V-5,0A (480V-5,0A), IP20 Int.filt Dimensions : B = 172mm, H = 235mm, D = 180mm									
420	✓		4002956	1		S	1	Frequency controller	All.20ac015a0aynanc0~frequenti
Manufacturer : Allen Bradley Type number : 20AC015A0AYNANC0 Description 1 : Frequency controller Description 2 : PowerFlex 70 - 7,5 kW, Frame C Description 3 : Max. Motor power capacity 5,5 kW Remark : 3f-400V-15,4A (480V-14A), IP20, Int.Filt Dimensions : B = 185mm, H = 300mm, D = 180mm									
430	✓		4002957	1		S	2	Frequency inverter	All.20ac022a0aynanc0~frequenti
Manufacturer : Allen Bradley Type number : 20AC022A0AYNANC0 Description 1 : Frequency controller Description 2 : Powerflex 70 - 11,0kW, Frame D Description 3 : Max. motor power 7,5kW Remark : 3f-400V-22,0A (480V-22A), IP20 Int.filt Dimensions : B = 220mm, H = 350mm, D = 180mm									

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 <i>Specialists in food processing equipment</i>	Drawing nr.:		Manufacture date: 24-1-2008
	Partlist nr.:	719395 - 0017201.17471 Rev: 3	Up-dated: 11-11-2008
	Description:	Electrical parts list sheeting station	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
440	✓		4002958	1		S	10		Opertion module	All.20-him-a3~bedieningsmodule
									Manufacturer : Allen bradley	
									Type number : 20-HIM-A3	
									Description 1 : Operation module	
									Description 2 : Him programming module, numnerous LCD	
									Description 3 : for PowerFlex 70 enhanced	
450	✓		4003154	1		S	1		Processor card	All.1769-l32e~processorkaart
									Manufacturer : Allen Bradley	
									Type number : 1769-L32E	
									Description 1 : Processor card	
									Description 2 : Compact logix 768Kb, Incl Bat.1769-BA	
									Description 3 : 1x RS-232 port + 1x Ethernet/IP port	
									Remark : 660 mA@5V dc, 90 mA@24Vdc, PSD=4mod.	
									Dimensions : B = 67.5mm, H = 132mm, D = 100mm	
460	✓		4003155	1		S	1		Digital output	All.1769-ob32~plc digitale out
									Manufacturer : Allen bradley	
									Type number : 1769-OB32	
									Description 1 : PLC digital output modul	
									Description 2 : Compact I/O modul	
									Description 3 : 32 uitputs. 0,5A@60°C	
									Remark : 300mA@ 5V 0mA@24V, PSD=6mod.	
									Dimensions : B = 52.5mm, H = 118mm, D = 87mm	
470	✓		4003186	1		S	1		Overload protection	All.140m-f8e-c25~motorbeveilig
									Manufacturer : Allen bradley	
									Type number : 140M-F8E-C25	
									Description 1 : Motor safety switch	
									Description 2 : Frame size F	
									Description 3 : Maximum Available Fault Current 5kA	
									Dimensions : B = 54mm, H = 110mm, D = 114mm	
480	✓		4003187	1		S	1		Frequency controller	All.20ac030a0aynanc0~frequenti
									Manufacturer : Allen Bradley	
									Type number : 20AC030A0AYNANC0	
									Description 1 : Frequency controller	
									Description 2 : Powerflex 70 - 20,0kW, Frame D	
									Description 3 : Max. motor power 11kW	
									Remark : 3f-400V-30,0A (480V-27A), IP20 Int.filt	
									Dimensions : B = 220mm, H = 350mm, D = 180mm	
490			401050	0		S	1		Drawing holder	Tek.houder a4 g1120 566005
500			405845	0		S	1		Label for emergencystop	Moe.m22-xbk~etiket
510			411065	0		S	1		Protection cap	Kra.k3 m160/42~hoofdschakelaar
520			420100	0		S	1		Working hours counter	Bau.629-a2 24vdc~urentel.24vdc

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		Partlist nr.: 719395 - 0017201.17471 Rev: 3	Up-dated: 11-11-2008
		Description:	Electrical parts list sheeting station

Item	✓	Project	Article number	Rev		#	L[mm]	Description	Specification
530	✓		440360	0		S	10	Ferrite core small >Manufacturer : Rasmi >Description : RS-OC/1 >Description : Ferrietriring	Ras.rs-oc/1~ferrietriring
540	✓		441226	0		S	5	Interface >Manufacturer : Phoenix >Description : Interface relay emg-10rel/ksr-g24/21-1c >measure 10 * 60 width x length	Pho.emg-10rel/ksr-g24/21-lc~in
550			445538	0		S	4	End baffle	All.1492-n37~fuse holder
560	✓		481302	0		S	3	Contactor >Manufacturer : Allen Bradley >Typenumber : 100-C16DJ10 >Description 1: Mainrelay >Description 2: 24Vdc-6,5W >Decsription 3: with diode safety switch >Electr.data : Usp = 24vdc, Ic = 16, Pc = - >Measures : B = 45mm, H = 81mm, D = -mm >Description : Magnetrelay 100-C16DJ10, 24Vdc >Afm. 45 * 81 * bxl	All.100-c16dj10~hoofdrelais
570	✓		481303	0		S	2	Contactor >Manufacturer : Allen Bradley >Typenumber : 100-C23DJ10 >Description 1 : Mainrelay >Description 2 : 24Vdc >Description 3 : with diode safety switch >Electrical data: Usp = 24vdc, Ic = 23, Pc = - Dimensions : B= 45mm, H = 80mm, D= 123mm	All.100-c23dj10~hoofdrelais
580	✓		485121	0		S	1	Power supply >Manufacturer : Siemens >Type number : 6EP1 436-2BA00 >Description 1 : Power supply >Description 2 : Primair : 3f-360/550Vac sec: 24Vdc/20A >Description 3 : Primair fuse 6A >Remark : UL, DIN-rail mounting, Sitop >Measures : B = 280mm, H = 125mm, D = 92mm VAV-date VAV-description	Sie.6ep1 436-2ba00~3f voed.20a

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	Description:	Electrical parts list sheeting station	

Item	✓	Project	Article number	Rev		#	L[mm]	Description	Specification
10	✓		4001147	1		S	1	Cable Manufacturer : Turk Type number : FB-WWAKE4-2/P00 Description 1 : Connector with cable Description 2 : M12x1 Female, angled Description 3 : 4-Wire,250V-4A,IP69,PVC Remark : L-2 mtr	Tur.fb-wwake4-2/p00~connector
20	✓		4001163	1		S	1	Proximity switch incl cable Manufacturer : Turk Type number : FB-WAKE4-5/P00 Description 1 : Connector with cable Description 3 : 4-Wire,250V-4A, IP69,PVC Remark : L=5 mtr	Tur.fb-wake4-5/p00~connector w
30	✓		4001164	1		S	2	Cable Manufacturer : Turk Type number : FB-WWAKE4-5/P00 Description 1 : Connector with cable Description 2 : M12x1 female, angled Description 3 : 4-Wire,250V-4A,IP69,PVC Remark : L=5 mtr	Tur.fb-wwake4-5/p00~connector
40			4001168	1		S	1	Mounting tube	All.855t-bpm10c~montage buis
50			4001169	1		S	1	Packing	All.855t-apfg~pakking
60			4001170	1		S	1	Packing	All.855t-alsg~pakking
70			4001171	2		S	1	Green light All.855t-b24tl3	All.855t-b24tl3~signaalzuil, 1
80			4001172	2		S	1	Beacon	All.855t-b24tl4~signaalzuil, 1
90			4001173	1		S	1	Orange light	All.855t-b24yl5~signaalzuil, 1
100	✓		4001326	1		S	1	Safety switch magnet operated Manufacturer : Guardmaster Type number : FRS-2DC C/W Connector Order number : 02094 Description 1 : Safety switch magnet operated Description 2 : M12 connector connection Description 3 : Max.protect with 0,5 A Remark : inclusive magnet	Gua.frs-2dc c/w connector~beve
110			4001533	1		S	1	Socket basic	All.855t-bvm~voetstukbasis voo

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	Partlist nr.:	719395.- 0017201.17472 Rev: 2	Up-dated: 11-11-2008
	Description:	Electrical parts list sheeting station	

Item	✓	Project	Article number	Rev		#	L[mm]	Description	Specification
120	✓		4001703	1		S	2	Proximity switch Manufacturer : Turck Type number : Bi5U- EM18- AP6X-H1141 Order number : 1635340 Description 1 : Proximity switch inductive Description 2 : R18, M12, 24VDC-15mA, 3-wire Description 3 : IP68, Sn=5mm, Flush mounting	Tur.bi5u-em18-ap6x-h1141~nader
130	✓		4002211	1		S	1	Photocelle Manufacturer : Leuze Typenumber : ODS 25/V-200-S12 Order number : 50102824 Description 1 : Fotocel analoog Description 2 : Ub10-30V-25mA,Uout1-10V Description 3 : M12, 4pin, IP67	Leu.ods 25/v-200-s12~fotocel a
140			4002700	1		S	1	Guard	All.855t-abcap~signaalzuil,bas
150			407604	0		S	1	Signal horn	F+h.hpw11 24vdc~signaalhoorn
160	✓		410036	0		S	5	Safety switch >Manufacturer : Bernstein >descriptionong : Safety switch ENK-SU1Z IW br-m > with metric screw thread connection > Pin operated	Ber.enk-sulz iw~bev.schak.metr
170	✓		410041	0		S	4	Safety switch Manufacturer : Guardmaster Typenumber : TROJAN 5 Ordernumber : 11090 Description 1 : Safety switch Description 2 : for door safety Remark : IP 67	Gua.trojan 5~beveiligingsschak
180			450030	0		S	1	Junction box	Ber.ca-130~lasdoos (a105)
190			450040	0		S	1	Junction box	Ber.ca-150~lasdoos (a110)
200			450050	0		S	3	Junction box	Ber.ca-230~lasdoos (a123)
210			450521	0		S	1	Clamping	Rit.1521010 rvs nema4x~klemkas
220			450549	0		S	1	Junction box	Ros.37990001~lasdoos

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 Specialists in food processing equipment	Drawing nr.:		Manufacture date: 24-1-2008
	Partlist nr.:	719395 - 0017201.17472 Rev: 2	Up-dated: 11-11-2008
		Description:	Electrical parts list sheeting station

Item	✓	Project	Article number	Rev		#	L[mm]	Description	Specification
10	✓		5000530	1		S	1	Valve Manufacturer : Festo Type number : CPE18-M1H-5L-1/4 Order number : 163142 Description 1 : Valve solenoid Description 2 : 5/2-1/4", air control intern Description 3 : 24VDC-1,5W, Flow= 1500 L/min Extra necessary KMEB-1-24-2,5-LED (5000532)	Fes.cpe18-m1h-5l-1/4~valve (so
20	✓		5000532	1		S	3	Connector Manufacturer : Festo Type number : KMEB-1-24-2,5-LED Order number : 151688 Description 1 : Connector Description 2 : L=2,5 meter,LED,24Vdc Description 3 : for CPE-valve	Fes.kmeb-1-24-2,5-led~cable wi
30	✓		5000568	1		S	1	Valve Manufacturer : Festo Type number : CPE18-M1H-5J-1/4 Order number : 163143 Description 1 : Valve (solenoid) (bi-stable) Description 2 : 5/2 -1/4 Description 3 : 24Vdc-1,5W Flow=1500 I/min	Fes.cpe18-m1h-5j-1/4~valve (so
40	✓		5000638	1		S	2	Speed control Manufacturer : Festo Type number : GRLA-1/8-QS-6-D Ordernumber : 193144 Description 1 : Flow control valve (one way) Description 2 : For mounting on cylinder 20/25/32mm Description 3 : 1/8", Hose 6mm Flow=370/330 I/min	Fes.grla-1/8-qs-6-d~flow contr
50	✓		5000646	1		S	1	Shaft Manufacturer : Festo Type number : MS6-LFR-1/2-D7-ERV-AS Order number : 529190 Description 1 : Filter/Press.reducer + Automatic drain Description 2 : Filter 40 micron Description 3 : Flow 4500I/min	Fes.ms6-lfr-1/2-d7-erv-as~filt
60	✓		5000650	1		S	1	Connector Manufacturer : Festo Type number : MS6-WP Order number : 532195 Description 1 : Mounting attachments Description 2 : Floor/side mounting for MS6 series	Fes.ms6-wp~mounting attachment
70			5000665	1		S	2	Speed control valve	Fes.grla-1/4-qs-8-d~flow contr
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 Specialists in food processing equipment			Drawing nr.:					Manufacture date: 24-1-2008	
			Partlist nr.: 719395 - 0028001.02395 Rev: 1					Up-dated: 24-1-2008	
			Description:					List pneumatics parts sheeting station	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
80			540066	0		S	1		Ball valve	Ler.1/2" bixbi ball valve~ball
90	✓		596323	0		S	4		Absorber	Fes.u-1/4~silencer
									Manufacturer : Festo	
									Type number : U-1/4	
									Order number : 2316	
									Description 1 : Silencer	
									Description 2 : 1/4", Bu	
									description 3 : Flow=3400 1/min	
									VAV- date :	
									VAV-description :	
100	✓		596510	0		S	1		Air pressure switch	Fes.pev-1/4-b~drukschakelaar
									Manufacturer : Festo	
									Type number : PEV-1/4-B	
									Order number : 10773	
									Description 1 : Pressure switch	
									Description 2 : 1/4" Adjustable	
									Remark : 1=P, 2=NC, 3=NO	

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		Partlist nr.: 719395 - 0028001.02395 Rev: 1	Manufacture date: 24-1-2008 Up-dated: 24-1-2008
		Description:	List pneumatics parts sheeting station

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
10		719396	0800405.15259	1		K	1		Summary list cabinets and operation panels	Verz.stl.kasten en bed.panelen
20		719396	0800405.15260	2		K	1		Summary list cable ducts and (sensor)brackets	Verz.st.kokers+(sensor)steunen

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 <i>Specialists in food processing equipment</i>		Drawing nr.: Partlist nr.: 719396 - 996 Rev: 2	Manufacture date: Up-dated:
		Description: 996 Mechanical parts for electrical components	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0800402.15052/3	4		S	1		Cabinet for electrical parts	Elektrokast 1900x600x2400
2		719396	0800400.26097	1		K	1		Adaptation door electrical cabinet	Aanpassing deur elektrokast

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	Partlist nr.:	719396 - 0800405.15259 Rev: 1	
	Description:	Summary list cabinets and operation panels	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
2			0800400.22497	1		S	1		End piece	Eindstuk 80 Links
3			0800400.22495	1		S	1		End piece	Eindstuk 80 Rechts
4			0800400.22346	1		S	1		Cable bin	Kabelbak 80 L = 2500
5			0800400.22372	1		S	1		Roof	Dak L = 2500
6			0800400.22371	1		S	1		Roof	Dak L = 2250
7			0800400.22345	1		S	1		Cable bin	Kabelbak 80 L = 2250
8			0800400.22389	1		S	1		Crossing	Kruising Laag
11			0800400.22393	1		S	1		Crossing cover	Kruising Deksel
13		719396	0800400.18797	1		K	1		Cable duct	Kabelkoker 140x70
15			0800400.22404	2		S	3		Crossing	Kruising Mof Bak 80
16			0800400.22402	1		S	2		Crossing	Kruising Mofdak Laag Rechts
17			0800400.22347	1		S	1		Cable bin	Kabelbak 80 L = 2750
18			0800400.22373	1		S	1		Roof	Dak L = 2750
19		719396	0800400.18797-2	1		K	1		Cable duct	Kabelkoker 140x70
21			0800400.22397	3		S	1		Connection soccle	Aansluitsok Bak 80
22			0800400.22399	2		S	1		Conenction soccle	Aansluitsok Dak
23			0800400.22368	1		S	1		Roof	Dak L = 1500
24			0800400.22342	1		S	1		Cable bin	Kabelbak 80 L = 1500
25		719396	0800400.18797-3	1		K	1		Cable duct	Kabelkoker 140x70
26			0800400.22511	1		S	1		Connection box	Aansluitdoos deksel
27			0800400.22403	1		S	2		Crossing	Kruising Mofdak Laag Links
28			0800400.22512	1		S	1		Connection box	Aansluitdoos Voorz.Elektr. 80
29			0800400.22499	1		S	4		Intermediate plate 80	Tussenschot 80
30			0800400.22401	1		S	1		Crossing	Kruising Mofdak Hoog Links

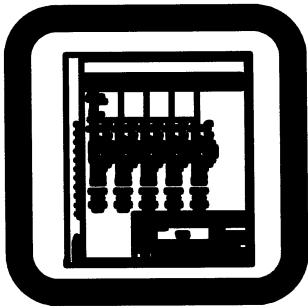
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	Partlist nr.:	719396 - 0800405.15260 Rev: 2	Up-dated: 20-10-2008
	Description:	Summary list cable ducts and (sensor)brackets	

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
1			0800400.18934/3	3		S	1		Cabinet for electrical parts	Elektrokast 1900x600x2400
2			813060	0		S	4		Eye bolt	Oogbout rvs M 12 DIN 580
3			0800400.20042	2		S	1		Transfer part	Doorvoerdeel
4			0800400.18938	3		S	6		Mounting plate	Montageplaat
5			0800400.20043	2		S	1		Cover vertical cable duct	Deksel verticale kabelkoker
6			0800400.23332	1		S	1		Cover vertical cable duct	Deksel verticale kabelkoker
7			0800400.23333	1		S	1		Cover	Deksel onder links
8			0800400.18944	3		S	1		Cover	Deksel onder
9			0800400.18945	4		S	1		Cover	Deksel onder rechts
10			0800400.18840/3	1		S	1		Socle	Sokkel tbv 3 deurs kast
11			1065652	0		S	2		Adjusting leg	Stelpoot rvs304 M75-16-150
12			1065670	0		S	2		Adjusting leg	Stelpoot rvs304 M76-16-150
13			0800400.18946	2		S	12		Fastening bracket assembly plate	Bevst.beugel montageplaat
14			1050135	0		S	3		Key	Slothuis dk8 221313a
15			1050128	0		S	1		Key	Sleutel dk8 291105
16			1050160	0		S	3		3p-lug	3p-lip H=44 232151
17			1050166	0		S	6		Connector rod	Adapter stang 282119
18			1050162	0		S	6		Rod guide	Stangel.26.2003602 285023
21			0800400.18947	3		S	6		Adaptation stainless steel rod	Aanpassing rvs stang
22			1072220	0		S	1	14418,0	Doorsection	Deurprofiel 427009
23			0800400.19405	1		S	1		Fasteningbracket cable guide	Bev.beugel kabelgeleiding
24			0800400.19406	4		S	1		Fastening plate for cable	Bevest.plaat tbv kabel
25			0800400.20030	2		S	1		Side vertical cable duct	Zijkant verticale kabelkoker
26			0800400.19773	2		S	1		Support for fastening plate	Steun tbv bevestigingsplaat
27			0800400.23330	1		S	1		Cover vertical cable duct	Deksel vert. kabelkoker
28			0800400.23329	1		S	1		Cover vertical cable duct	Deksel verticale kabelkoker
29			0800400.23331	1		S	4		Guide plug	Geleidingsprop
30			1072225	1		S	1	8700,0	Side protection	Randbescherming 416003-06
31			1072245	0		S	1	1040,0	Cellular rubber	Celrubber band 20x3 412003
32			1072250	0		S	1	4800,0	Cellular rubber	Celrubber band 15x10

Page: 1/2		Print-out date: 06-01-09 [08:14]				Order nr. 719396	
Rademaker Specialists in food processing equipment				Drawing nr.: 0800402.15052/3.Sldw		Manufacture date: 22-11-2003	
				Partlist nr.: 0800402.15052/3 Rev: 4 (S)		Up-dated: 20-4-2006	
				Description: Cabinet for electrical parts			

Item	✓	Project	Article number	Rev			#	L[mm]	Description	Specification
------	---	---------	----------------	-----	---	--	---	-------	-------------	---------------

Page: 2/2	Print-out date: 06-01-09 [08:14]		Order nr. 719396
 <i>Specialists in food processing equipment</i>	Drawing nr.:	0800402.15052/3.Sldw	Manufacture date: 22-11-2003
	Partlist nr.:	0800402.15052/3 Rev: 4 (S)	Up-dated: 20-4-2006
	Description:	Cabinet for electrical parts	



11 ELECTRICAL SCHEMES

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11.2. Helpful pages..... 3

11.3. Identification letter for symbols 4

11.4. Wire colour codes..... 5

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11.6. Electrical schemes. 8

Safety regulations

Before starting operation, cleaning, maintaining the system or before remedying breakdowns first read the chapters Introduction and Safety.

Introduction

Use this chapter for electrical trouble shooting.

11.1. How to find the correct diagram for trouble shooting

Locate the unit that gives the breakdown.
 Find the electrical circuit diagram of this unit in this chapter.
 Locate the part that may be damaged or may be the cause of the problem.
 Find this part in the electrical circuit diagram.

Inside the electrical cabinet:
 In the electrical cabinet of the unit all the parts have a label
 The number on the label refers to the pagenumber where the part can be found.

Outside the electrical cabinet:
 The parts are not labelled; the wires towards the parts are labelled.
 The number on this label is the wire number.
 Look on the last page of the units electrical circuit diagram for this wire number
 Behind the wire number the page number refers to the page where the part can be found.

Using the page where the part is printed you can start the trouble shooting.
 Underneath a part number a page reference may be printed.
 With this reference you can find the other connections to the part.
 Before the dot is the page number, behind the dot is the column number where the part is printed.

11.2. Helpful pages

In the electrical circuit diagram of each unit there are some general pages containing general information that makes trouble shooting easier:

- Page 3.1: Which wire colour is used for which voltage.
- Page 4: Index
- Page 500: Which terminal is used for which voltage.
- From Page 501 and up: Terminal strip and wire connections

11.3. Identification letter for symbols

In the below table you will find the explanation for the used identification letters in the electrical circuit diagram.

Identification letter:	Description:	Sort:
A	Modules	PLC
B	Conversion of non electrical signals into electrical signals and electrical signals to non electrical signals	Encoder
C	Condensators	Condensator
D	Delay and memory devices	
E	Lighting, Heating	Heater Temperature controller Temperature sensor
F	Safety devices	Fuses Circuit breaker Thermal overload switch Clixons
G	Generators, Power supplies	DC-Power supply
H	Signalling devices (optical and acoustic)	Signal light Buzzer
K	Relays	Magnet relay Time delay relay
L	Coils	Choke coil Ferrite core
M	Motors	Motor Break Coupling Clixons in motors
N	Amplifiers and controller	AMP5 DDIC's
P	Measuring devices and control devices	Hour counter Counters
O	Devices for coupling with external systems	
Q	Circuit breaker	Main switch Thermal motor relay
R	Resistors and potentiometers	RC-module
S	Switches, push button and selector switch	Safety switches Photocell Proximity switch
T	Transformers	Transformer
U	Modulators and convertors	Frequency inverter
V	Semiconductors and transmitters	Diode
W	Cables	Cable
X	Terminals, connectors and wall sockets	Wall socket
Y	Electrical/mechanical devices	Magnetic valve
Z	Filters and compensators	Mains filter

In the below table you will find the explanation for the used identification letters in the pneumatic circuit diagram.

Identification letter:	Description:	Sort:
A	Cylinders	Cylinders
C	Air treatment	Filters Pressure reducer Lubricating device Pressure gauge
D	Surge chambers	Surge chamber
L	Logical elements	AND-gate OR-gate
M	Motors	Pneumatic motors Hydraulic pump
S	Switches	Pressure switch Proximity switch
V	Several	Control valve Non return valve Rapid air relief valve Vacuum ejectors Pneumatic sensors
X	Connection points	Terminals
Y	Valves	Valves
Z	Distribution devices	

11.4. Wire colour codes

In the below table you will find colour codes as used in the electrical circuit diagram for the used wires in the machine.

Colour	Code
Blue	bu
Brown	br
Yellow	yl
Green	gn
Gray	gy
Orange	or
Red	rd
Pink	pk
Transparent	tr
Violet	vt
White	wh
Black	bk
Green/Yellow	yl/gn

11.5. Explanation technical symbols

	Make contact Contact NO Contact NO Kontakt Schliesser		Keuzesnop Sélecteur Selector switch Wahl taste		Naderingschakelaar Interrupteur de proximité Proximity switch Naderingschakelaar
	Break contact Contact NF Contact NC Kontakt Offener		Noodstop Arrêt d'urgence Emergency stop Nodus		Fotocel Photocele Photozell
	Make contact Contact NO Contact NO Kontakt Schliesser		Indrukknop Bouton poussoir Push button Drucktaste		Automaat Déjacteur/serbomneur Sicherungsautomat Circuit breaker
	Break contact Contact NF Contact NC Kontakt Offener		Motorschakelaar Contrôle de niveau/flotteur Float Schwimmerschalter		Zekering (trouw) Fusible Fuse Sicherung
	Inschakel vertraagd Temporisation Delay on Einschalt verzagert		Beveiligingsschakelaar Interrupteur de sécurité Safety switch Sicherungsschalter		Zekering (zeer snel) Fusible rapide Rapid fuse Sicherung (schnell)
	Impuls Impulsion Impulse Impuls		Magnetbediende schakelaar Interrupteur magnétique Magnet. switch Magnetschalter		Hulprelais Relais auxiliaire Auxiliary relay Hilfrelais
	Thermische beveiliging Relais thermique Thermal overload protection Motorschutzrelais		Luchtdruckschakelaar Pression d'air Air pressure switch Luftdruckschalter		Meetschakelaar Contacteur Contactor Motorschutzrelais

	Tijdsrelais Relais de temporisation Timer relay Zeitrelais		Lamp Témoïn de signalisation Light Lampe		Galvanische scheiding Isolément galvanique Galvanic insulation Galvanische Trennung
	Puls-peuze relais Clignoteur Repeater Blinkrelais		Teller Compteur Counter Zähler		Synchro print BDC Printe synchro BDC Synchro board BDC Synchro Regler BDC
	Wtrelais Relais à impulsion One shot relay Impulsrelais		Lux potmeter Potentiomètre boucle Loop Potmeter Schleifenpotentiometer		DC-regelaar Convertisseur c.c. DC controller Gleichstromregler
	Spanningsmeetrelais Relais mesure tension Voltage control relay Spannungsmessrelais		Urenteller Compteur horaire Hour counter Stundenzeähler		4kW-regelaar Convertisseur c.c. 4 quadr. 4-quadr. dc board 4-quadr.-Regler
	Potmeter op paneel Potentiomètre pupitre Potmeter on panel Potentiometer on pult		Voeding Alimentation Power supply Stromversorgung		Frequentie regelaar Convertisseur de fréquence Frequency controller Frequenzregler
	Potmeter in kast Potentiomètre armoire Potmeter in panel Potentiometer in Schrank		Trafo Transforme Transformer Transformator		Smearspoel Self Inductance coil Drosselspule
	Klap Clapet Valve Ventil		Spoor trafo Auto transformateur Auto transformer Spanttransformator		Versterker Amplificateur Amplifier Verstärker

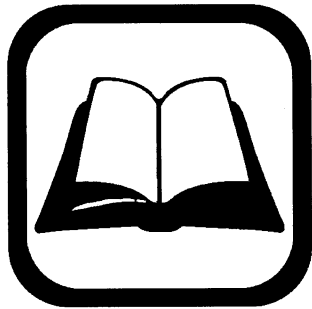
	DC-motor Moteur à courant continu DC motor Gleichstrommotor
	Tacho Tachymètre Tacho Tacho Generator
	3 Fase AC-motor Moteur triphasé 3-phase AC motor 3-fasen AC motor
	1 Fase AC motor Moteur monophasé 1-phase AC motor 1 fase AC motor
	Impulsegever impulseur Encoder Pulsgeber
	Motorveiligingschakelaar Démarreur-moteur magnéto-thermique Motor safety switch Motorschutzhalter
	Wandontslootdoos Bollier socle de prise Wall socket Wandkontaktdose

	Manometer Manomètre Manometer Manometer
	Terugslagklep Clapet anti-retour Non-return valve Rückschlagventil
	Snelontluchter Clapet de décharge rapide Rapid vent valve Schnelentlüfter
	Snelheidsregulventiel Régulateur de vitesse Speed control valve Geschwindigkeit Reglungsventil
	Reduceerventiel Réducteur de pression Reducing valve Drosselventil
	Luchtfilter Filtre à air Airfilter Luftfilter
	Smeertoestel Lubrificateur Lubricating gear Schmiergerät

	3/2 ventiel Vanne électromagnétique 3/2 3/2 valve 3/2 ventil
	4/2 ventiel Vanne électromagnétique 4/2 4/2 valve 4/2 ventil
	5/2 ventiel Vanne électromagnétique 5/2 5/2 valve 5/2 ventil
	5/3 ventiel Vanne électromagnétique 5/3 5/3 valve 5/3 ventil
	Electromagnetisch bediend; veer terug Vanne électromagnétique; retour par ressort Electromagnetic operated; spring restored Electromagnetisch bedient; rockfederung
	Impuls gestuurd Commandé par impulsion Pulse operated Impuls bedient

11.6. Electrical schemes.

All available electrical schemes are enclosed on the documentation CD-ROM added at Appendix B.



APPENDIX B

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 How to find the documentation 3

 On CD 3

 On the internet..... 3

 Internet addresses 4

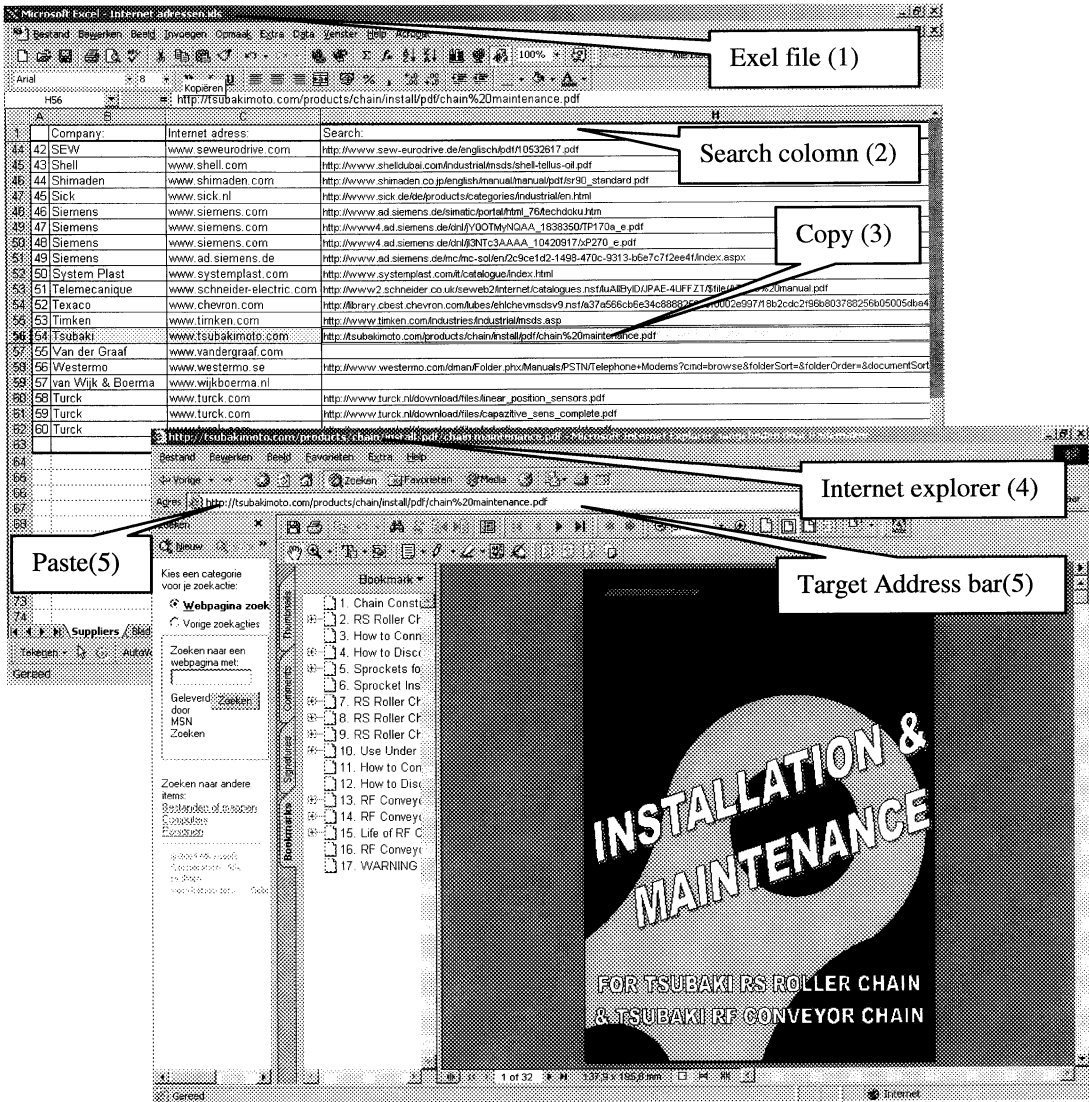
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On CD

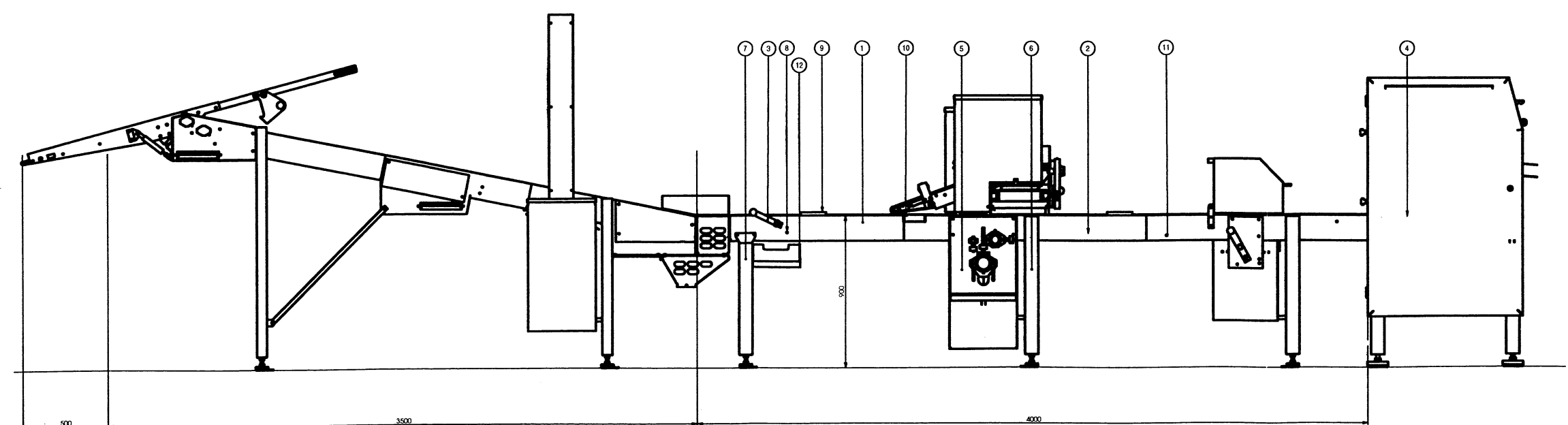
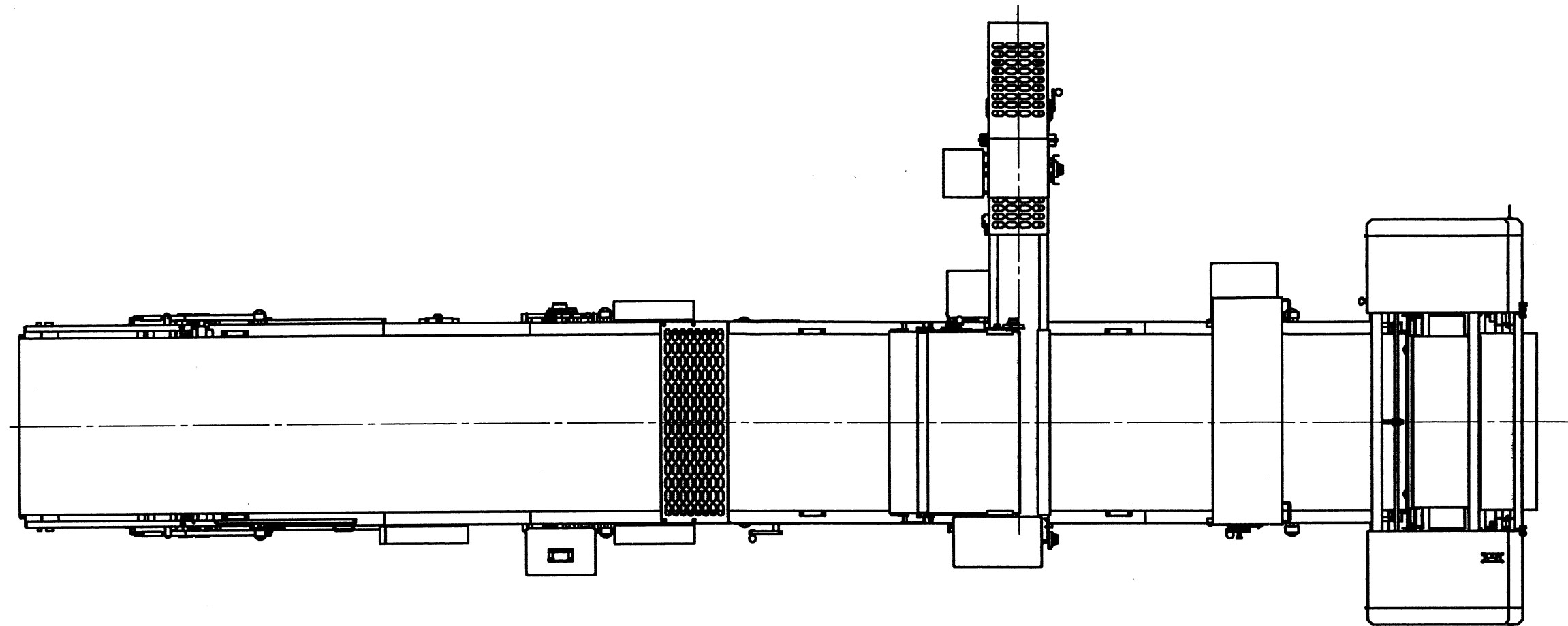
All available documentation of our suppliers is enclosed on a CD in this manual.

On the internet

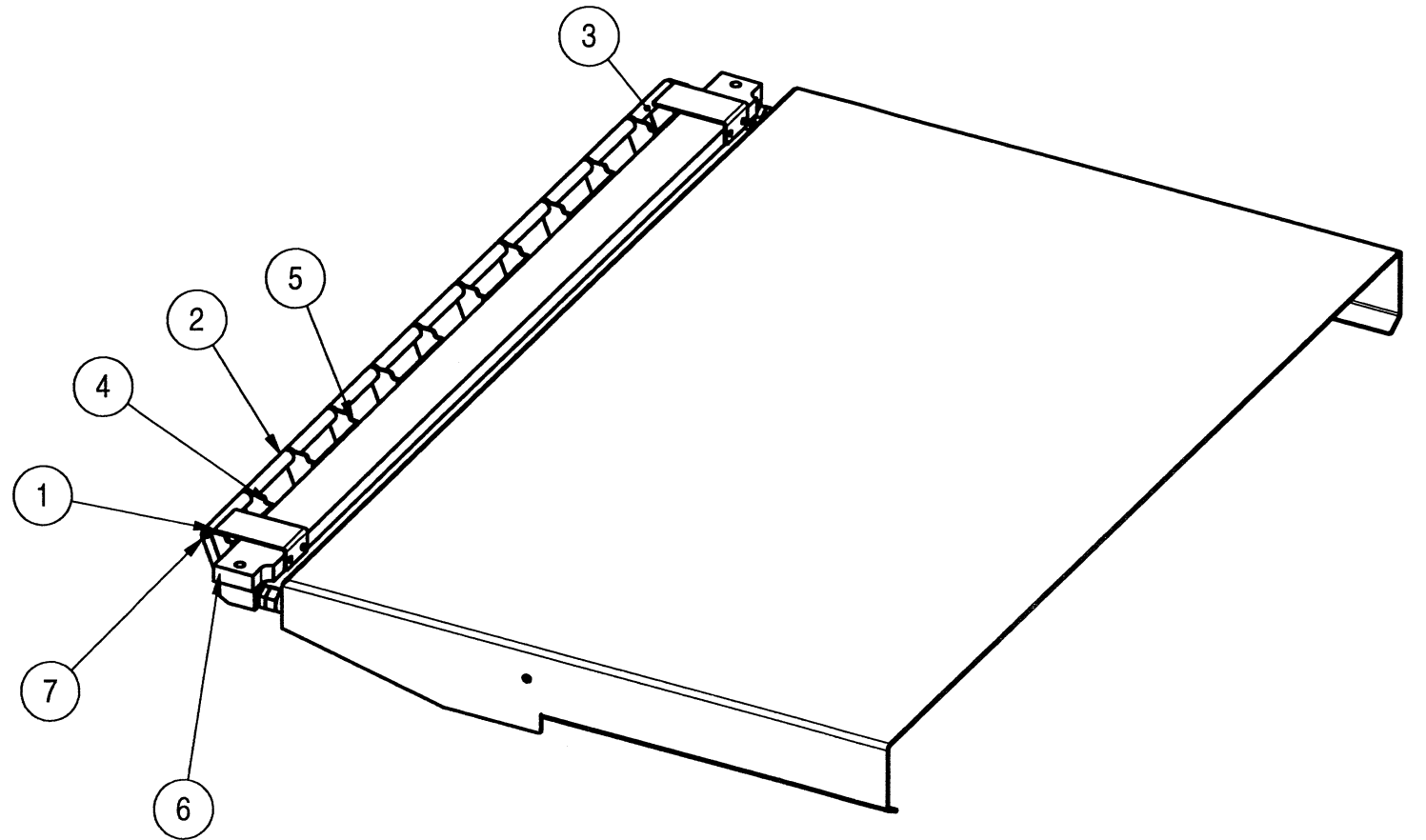
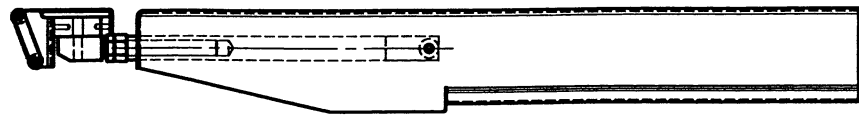
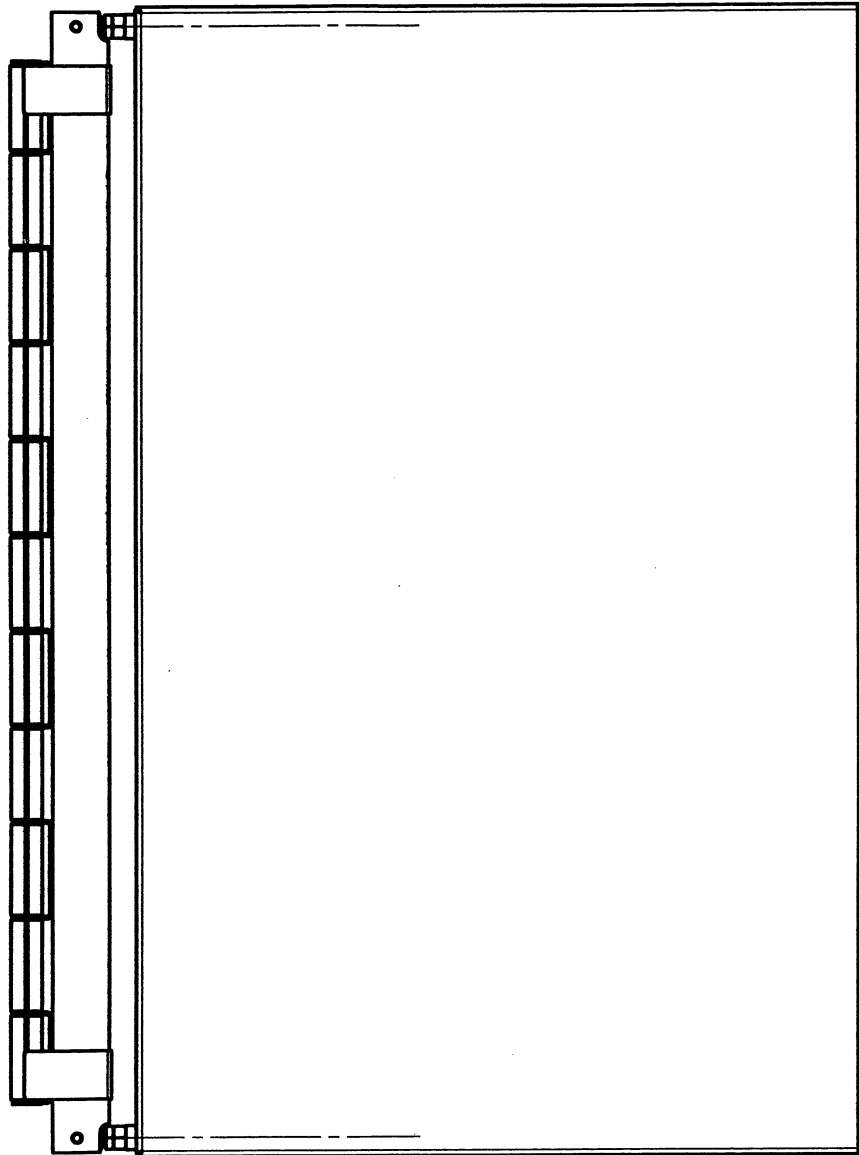
As an extra service an EXEL file is added on the next page but also on the CD with available documentation on the Internet. From the search column copy the http address and paste it into the address bar of the Internet explorer.



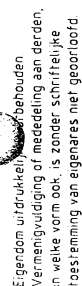
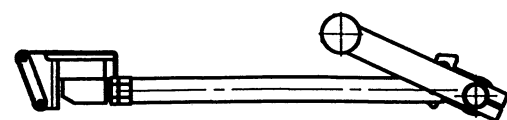
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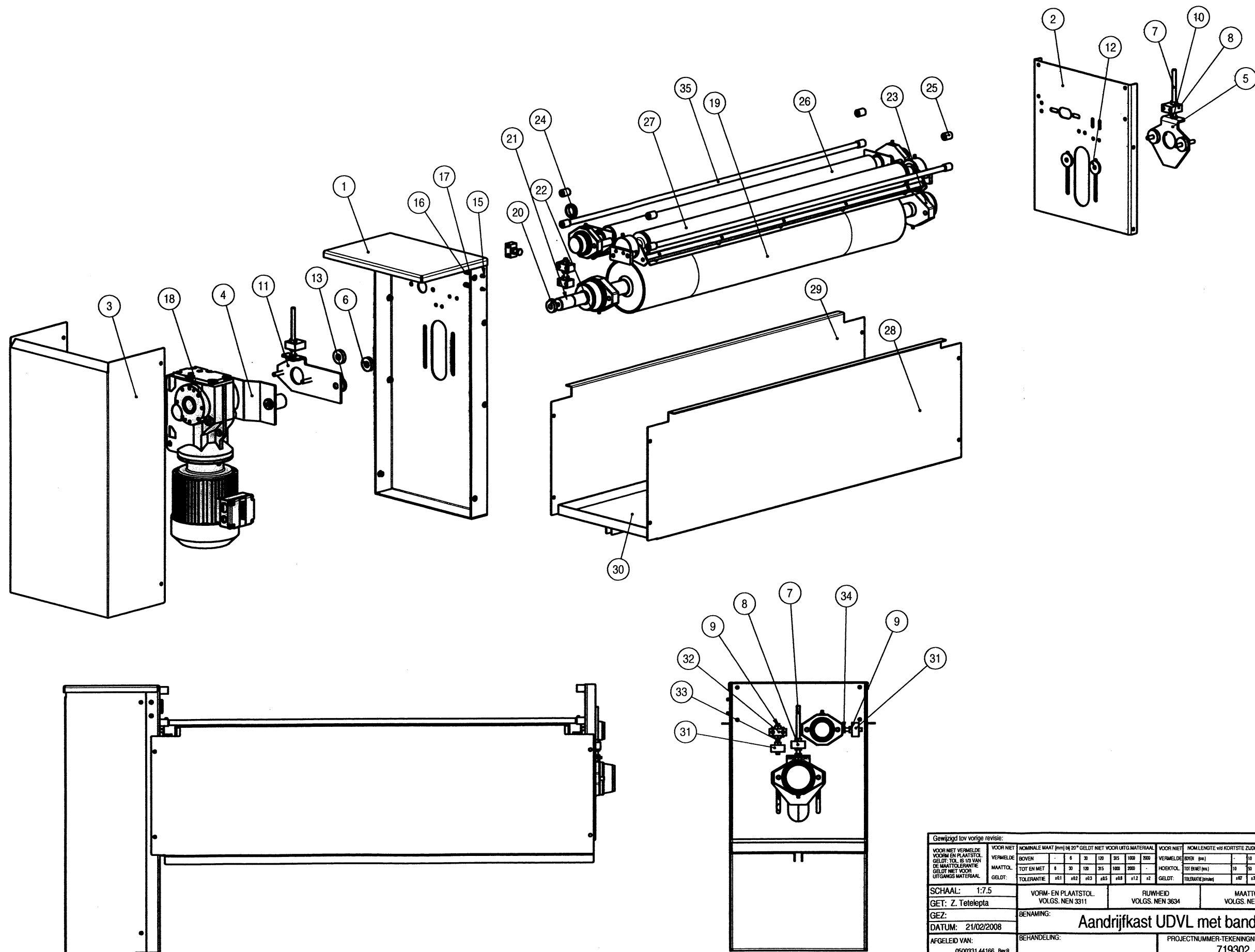
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DATUM: 05/05/00		Uitvoerbau URK (wbr. 1000)		719302 - 0500102 52309		ARTIKEL:		WISSE:	
FOLGENDEN WERK:		FOLGENDEN WERK:		FOLGENDEN WERK:		FOLGENDEN WERK:		FOLGENDEN WERK:	
Rademaker		Specialties in food processing equipment		RADEMAKER B.V. HOLLAND		A 0		A 0	



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		BOVEN		- 6 30 120 315 1000 2000						BOVEN (mm)		- 10 50 120				R max. 0.1 mm	
		TOT EN MET		6 30 120 315 1000 2000						TOT EN MET (mm)		10 50 120				R max. 0.4 mm	
		TOLERANTIE		±0.1 ±0.2 ±0.3 ±0.5 ±0.8 ±1.2 ±2						TOLERANTIE (mm)		±60° ±30° ±20° ±10°				VLS: max. 0.25 mm x 45°	
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Rademaker		Specialists in food processing equipment				RADEMAKER B.V. HOLLAND				A 3							

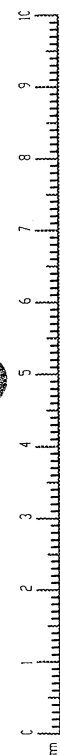
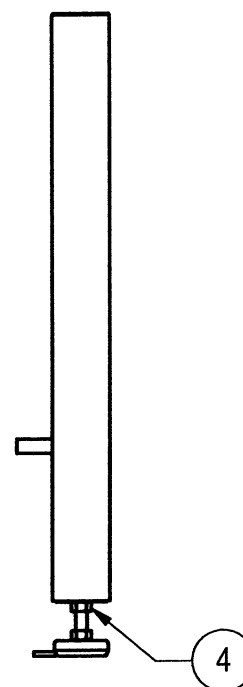


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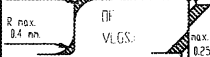
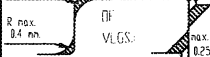


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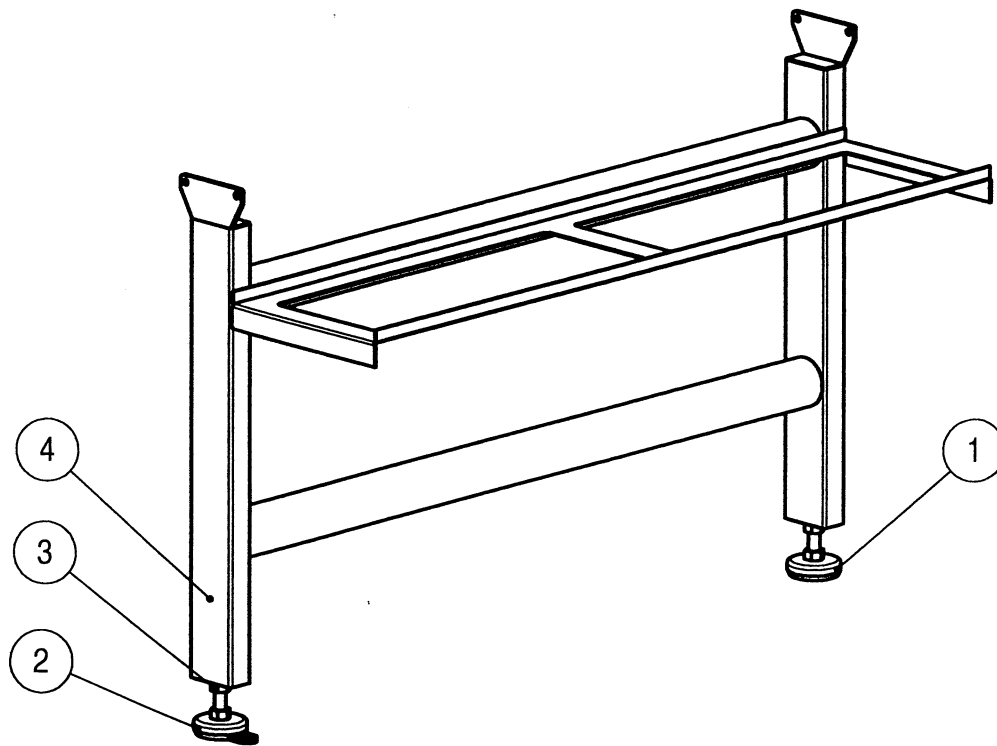
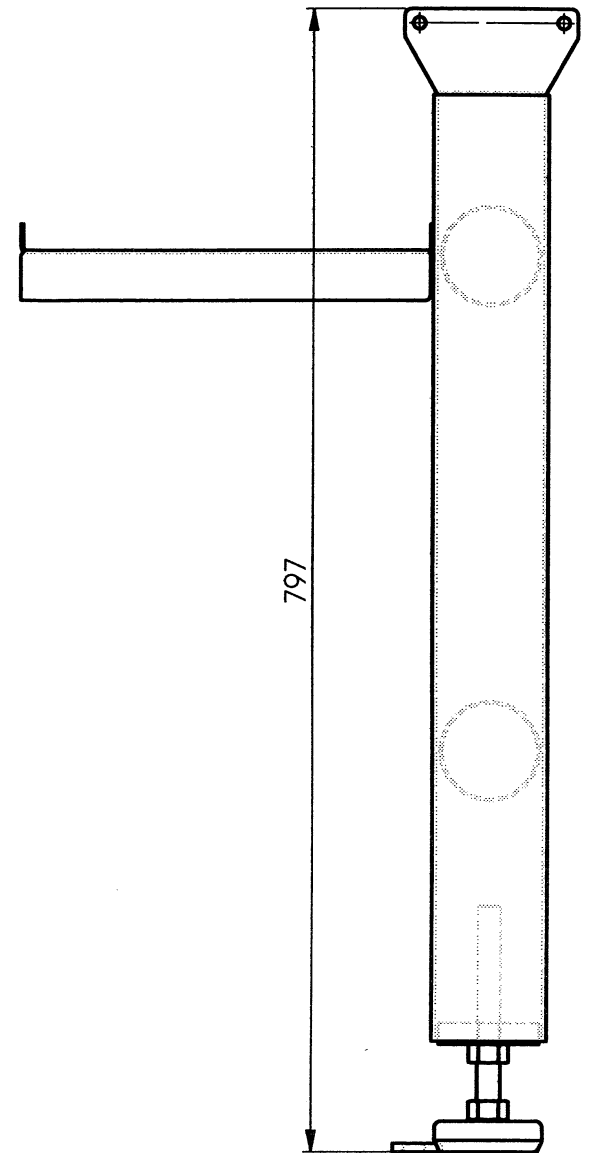
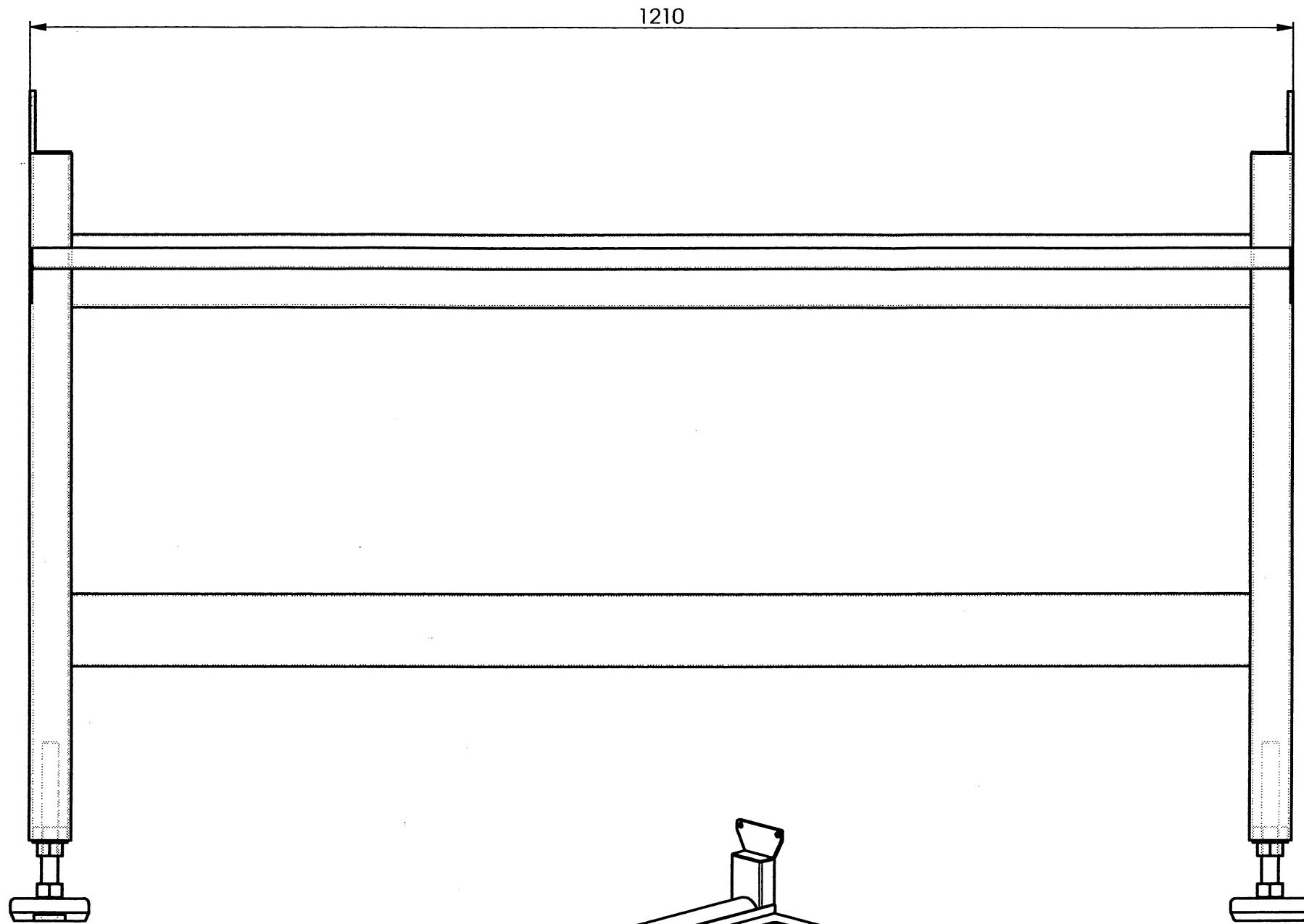
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TOT EN MET		TOT EN MET		8	30	120	315	1000	2000	TOT EN MET		TOT EN MET		10	50	100	200
TOLERANTIE		TOLERANTIE		±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	TOLERANTIE		TOLERANTIE		±0.1	±0.2	±0.3	±0.5
SCHAAL: 1:7.5				VOORM- EN PLAATSTOL VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL VOLGS. NEN 2365				ALLE KANTEN BREKEN VEGS: 1 mm 11 mm 1 mm 11	

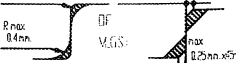
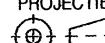


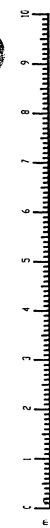
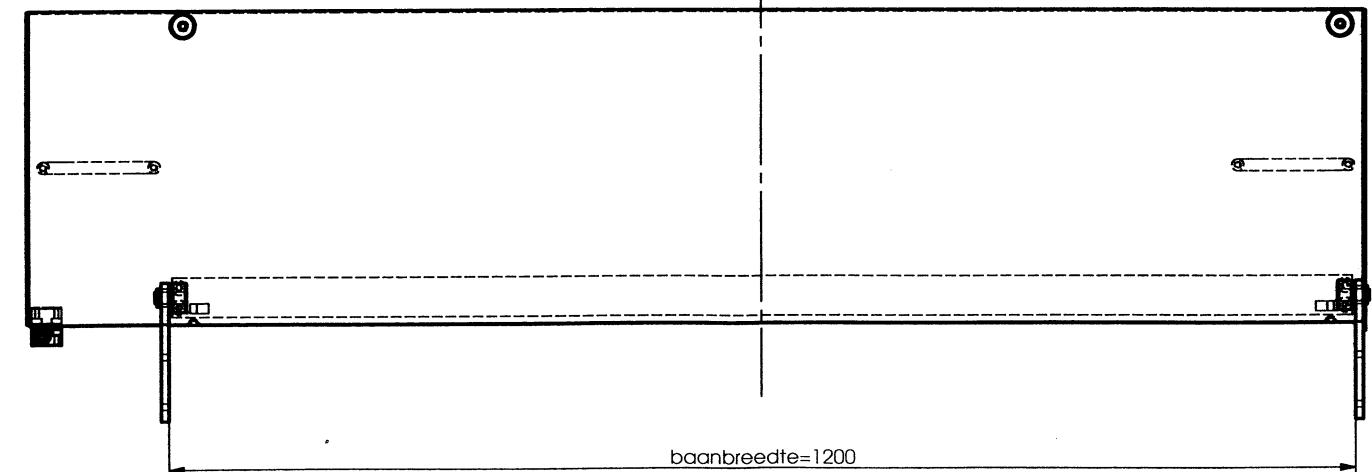
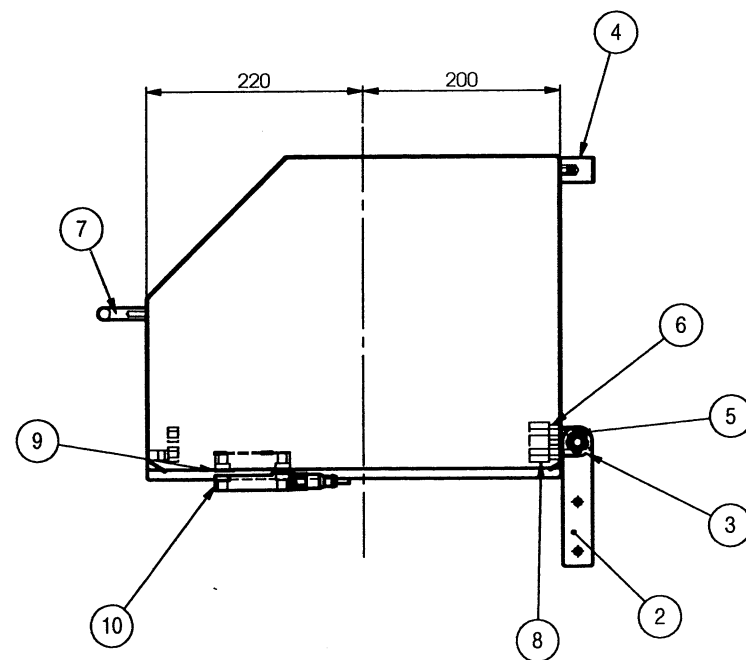
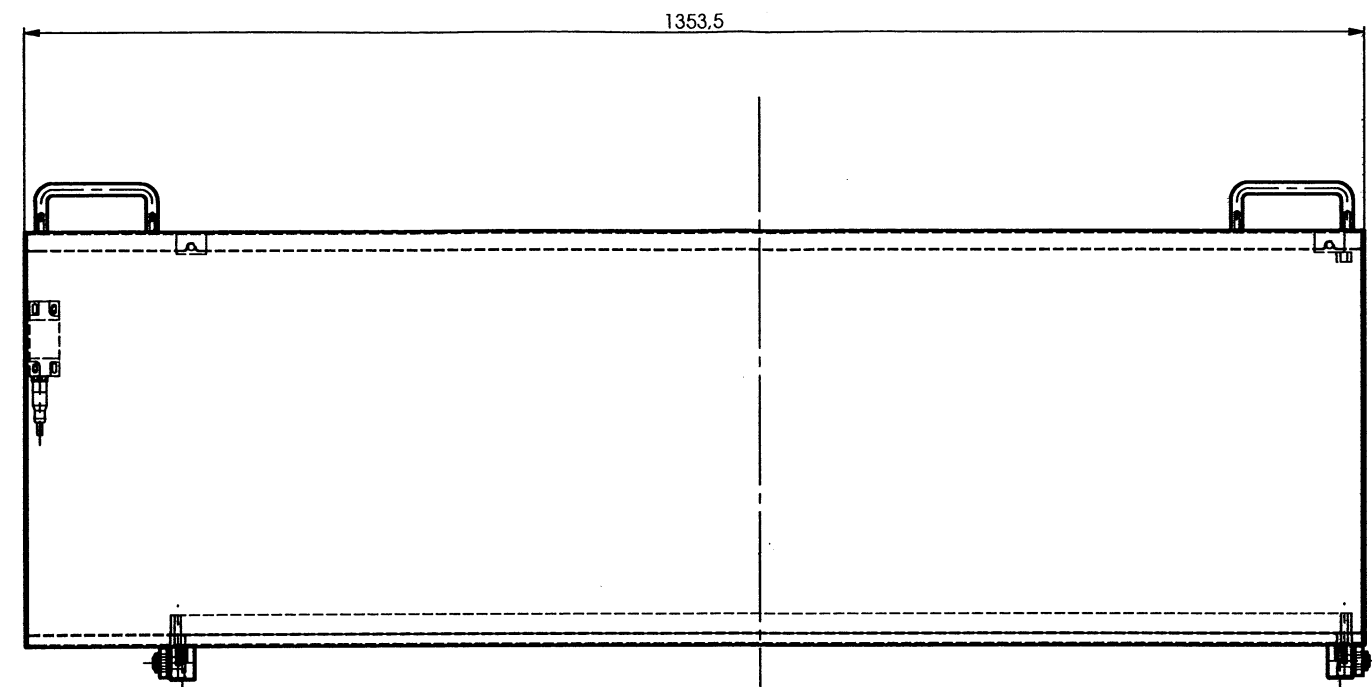
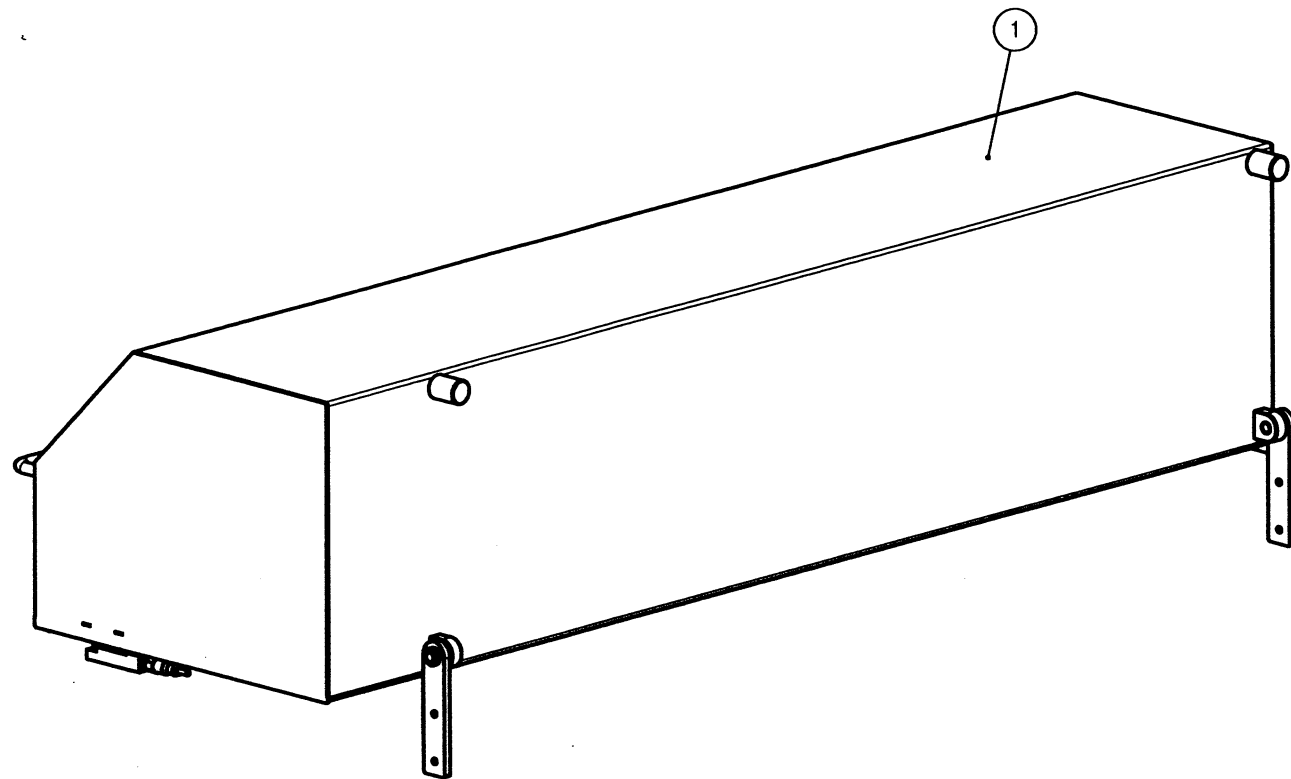
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				BOVEN										BOVEN (mm)							
				TOT EN MET										TOT EN MET (mm)							
				TOLERANTIE										TOLERANTIE (minuten)							
				-	6	30	120	315	1000	2000			-	10	50	120			8 max 84 mm		
				±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2			±60°	±30°	±20°	±10°			max 825 mmx45°		
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Rademaker				Specialists in food processing equipment				RADEMAKER B.V. HOLLAND						A 3							

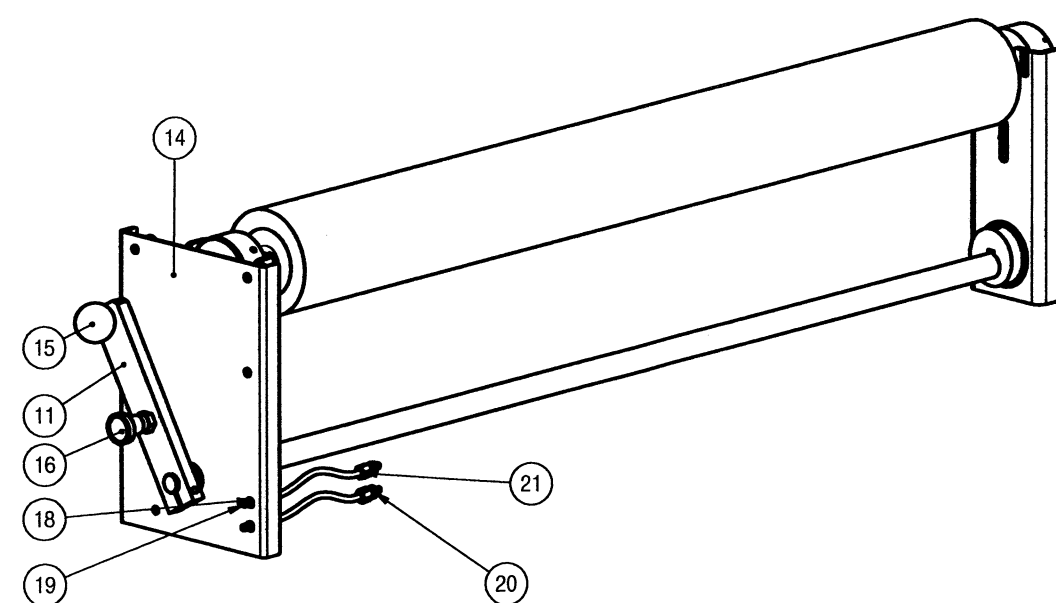
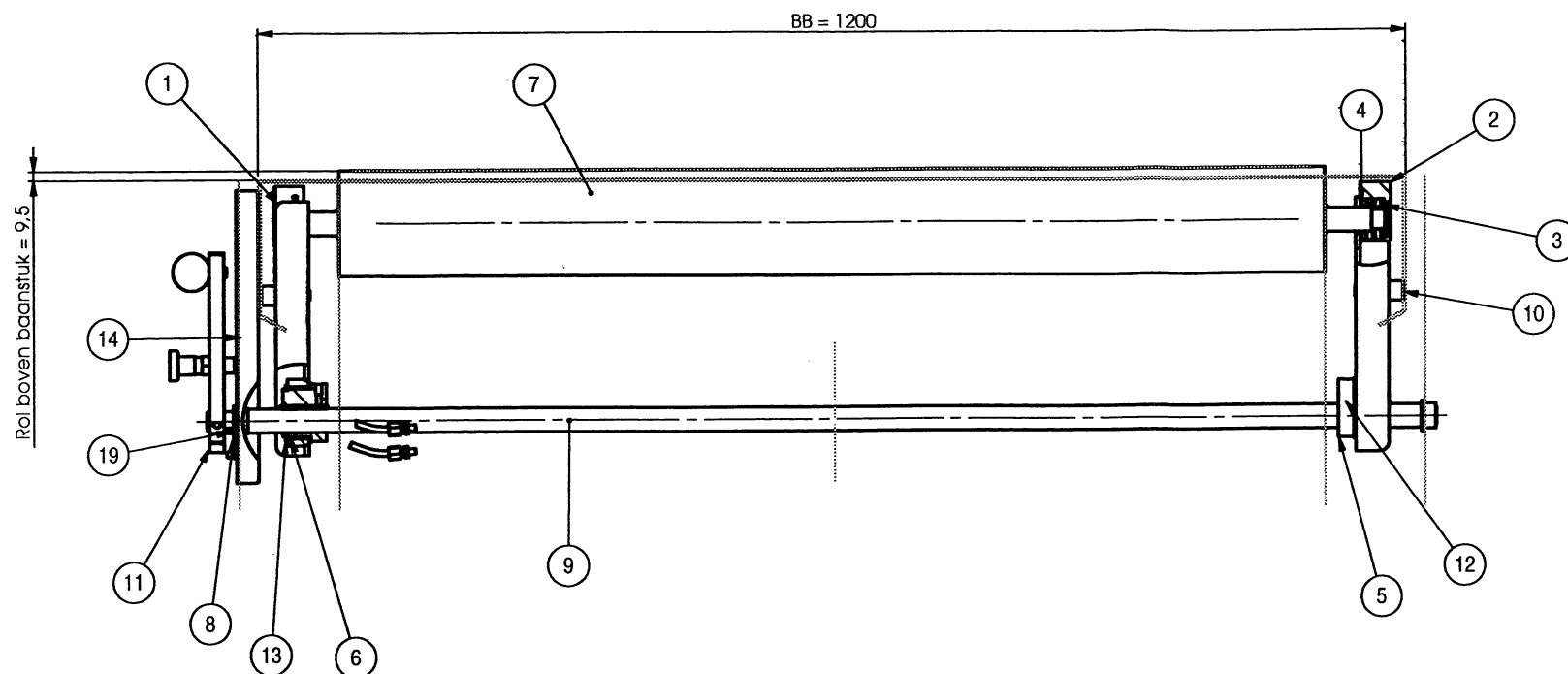
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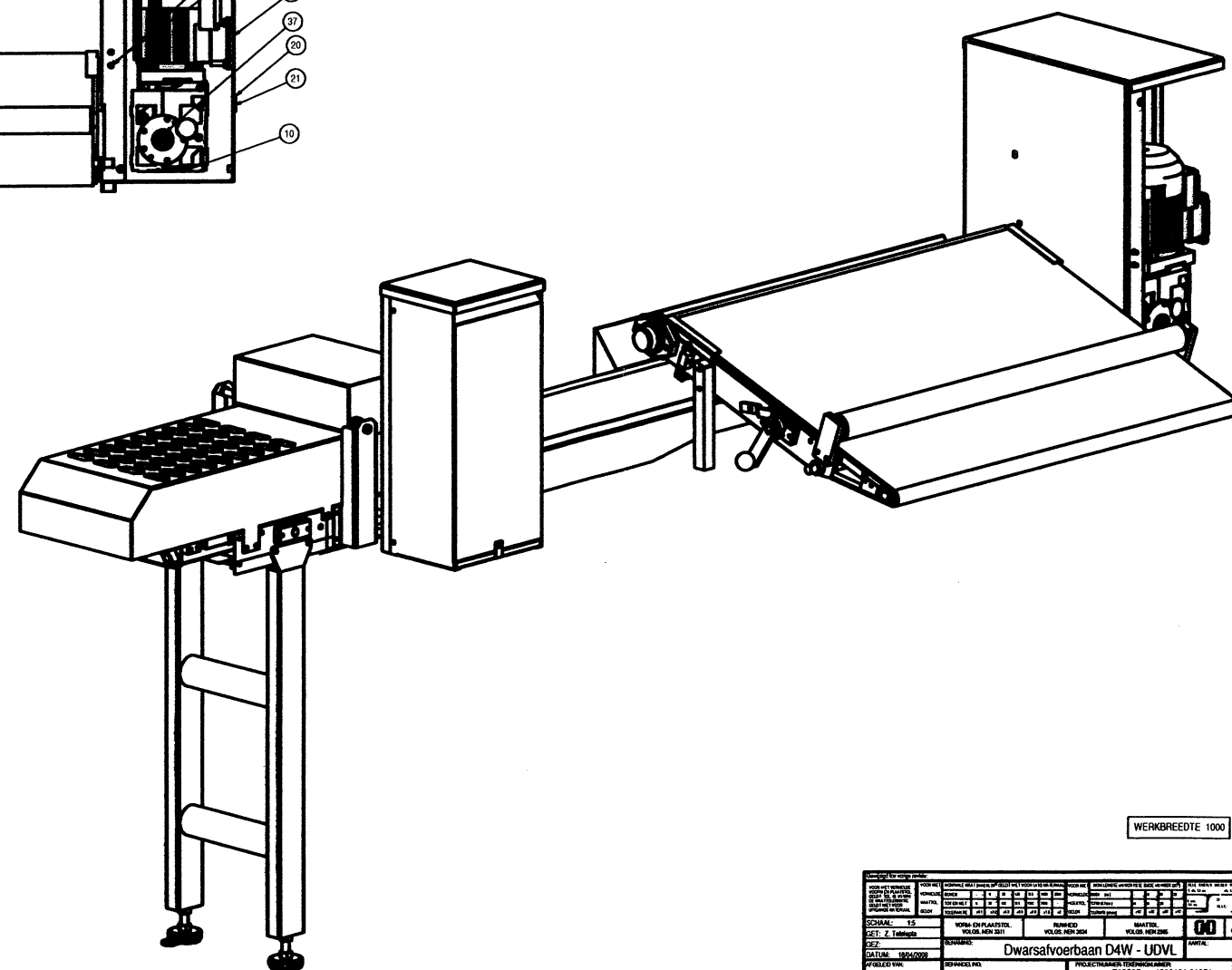
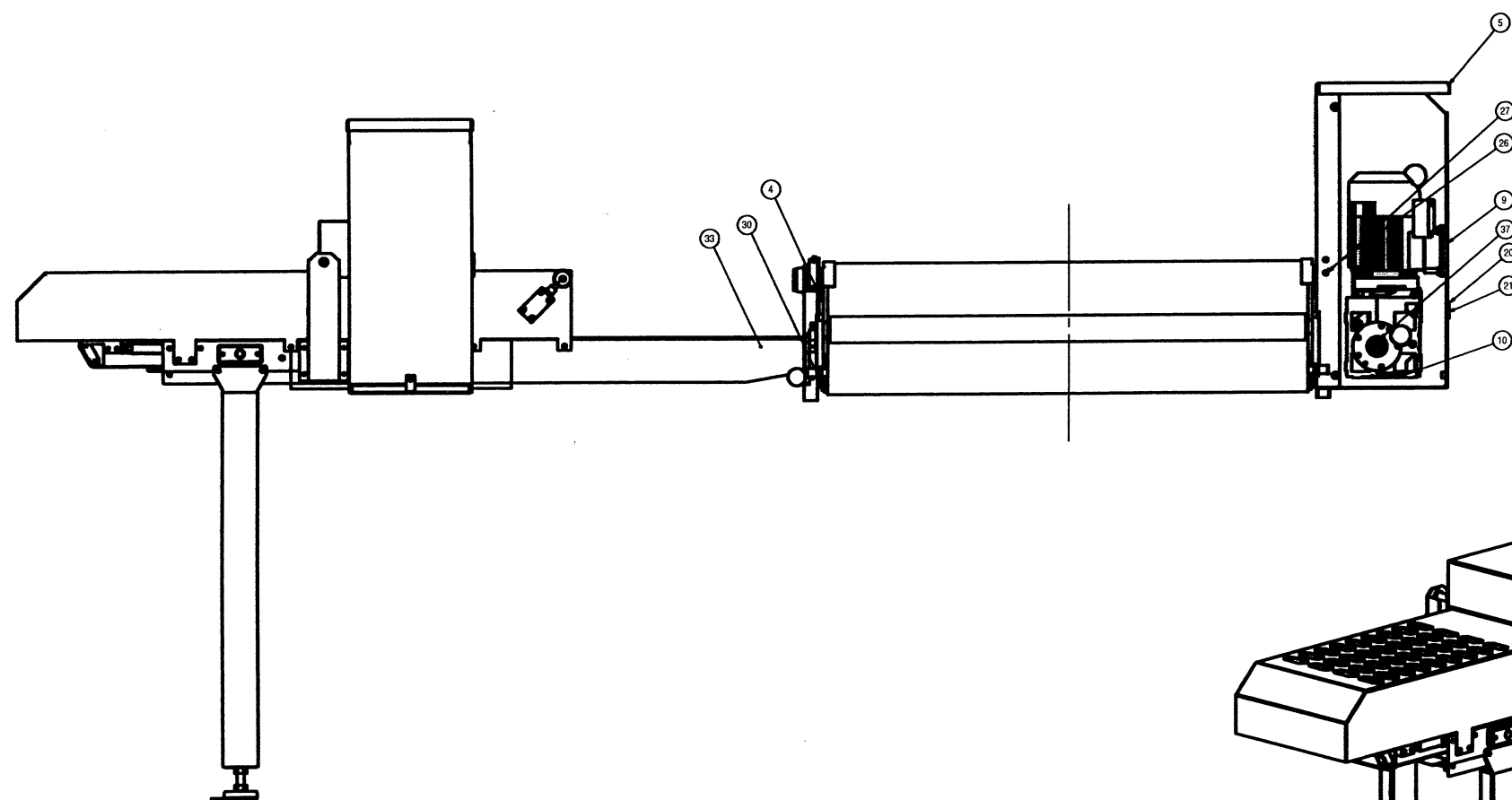
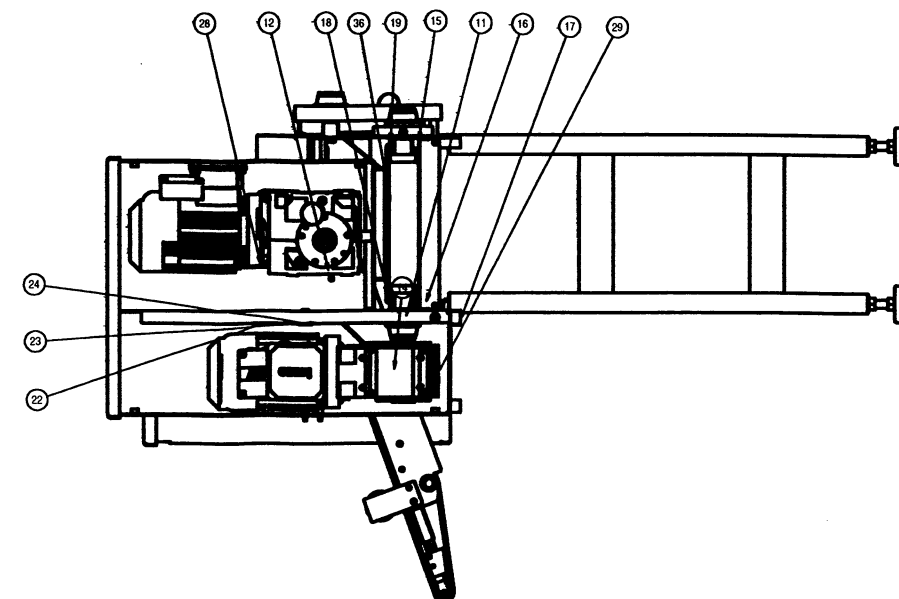
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	VERMELDE	BOVEN	-	6	30	120	315	1000	2000	VERMELDE	BOVEN (mm)	-	10		
	MAATTOL.	TOT EN MET	6	30	120	315	1000	2000	-	HOEKTOL.	TOT EN MET [mm]	10	50	120	-
	GELDT:	TOLERANTIE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	GELDT:	TOLERANTIE (minuten)	±60°	±30°	±20°	±10°
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Rademaker		Specialists in food processing equipment					RADEMAKER B.V. HOLLAND					A 3			



Gewijzigd tov vorige revisie:											
VOOR NIET VERMELDE VOORM EN PLAASTOL. GELDT: TOL. IS 1/2 VAN DE MAAT TOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL				NOMINALE MAAT (mm) IN 20° GELDT NIET VOOR UITG. MATERIAAL				VOOR NIET VERMELDE NOMINALE LENGTE VAN KORTSTE ZIJDE VAN HOEK (20°)			
VERMELDE BOVEN				VERMELDE				VERMELDE			
MAAT TOL.				TOL. EN MET				HOEKTOL.			
GELDT:				TOLERANTIE				GELDT:			
SCHAAAL: 1:5				VORM- EN PLAASTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634			
GET: Z. Tetelepta								MAATTOL. VOLGS. NEN 2365			
GEZ:				BENAMING:				AANTAL:			
DATUM: 22/01/2008				Kap uitsteekwals doorloop 20mm							
AFGELEID VAN:				BEHANDELING:				PROJECTNUMMER-TEKENINGNUMMER:			
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Rademaker				Specialists in food processing equipment				RADEMAKER B.V. HOLLAND			
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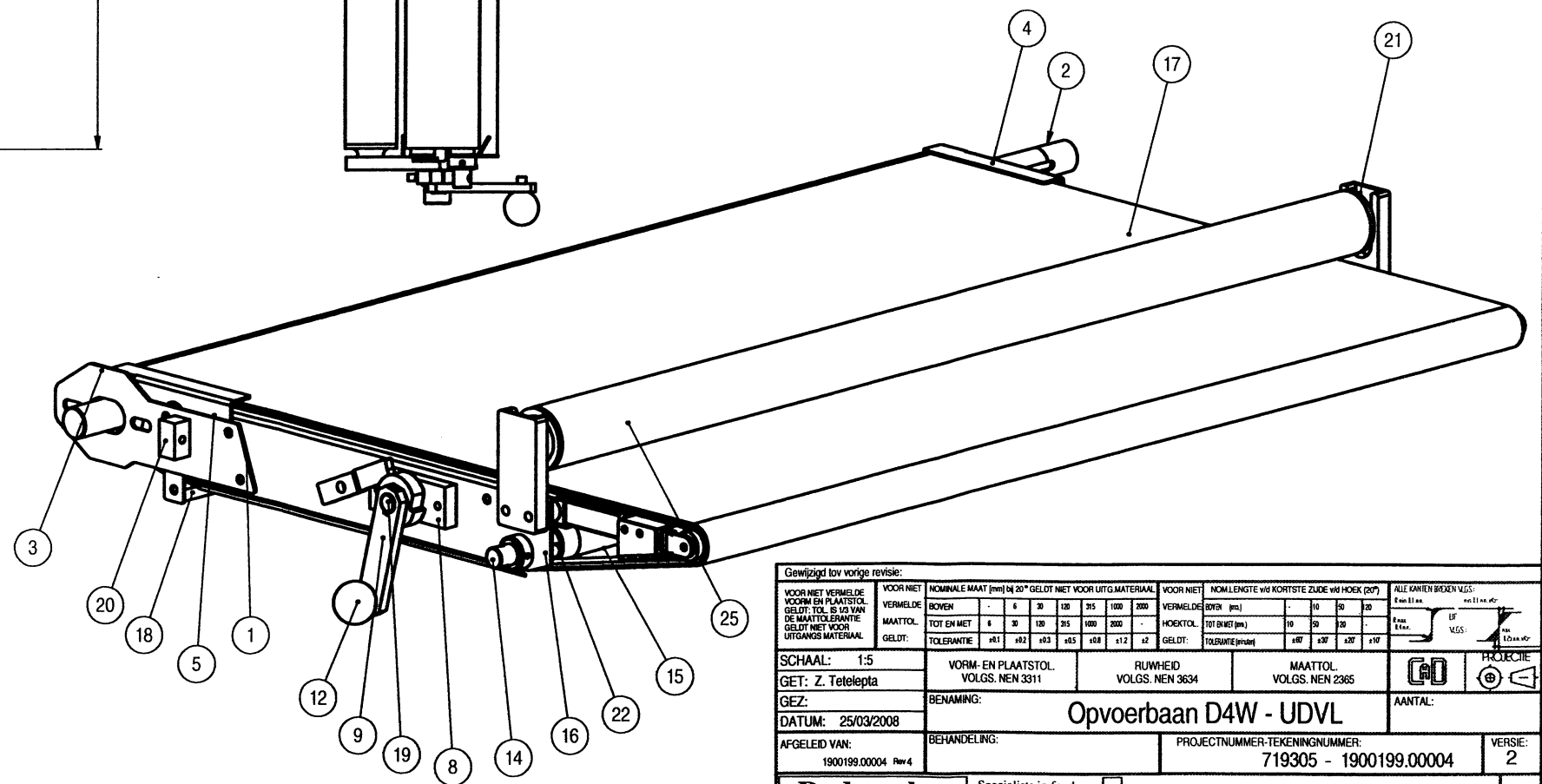


Gewijzigd tov vorige revisie:																			
VOOR NIET VERMEDELDE VOORM EN PLAATST. GELDT NIET. IS O.V. VAN DE MAATTOEGEWIJDE GELDT NIET VOOR UITGAANDE MATERIAAL.		VOOR NIET VERMEDELDE BOVEN MAATTOOL GELDT:		NOMINALE MAAT [mm] [m] 20" GELDT NIET VOOR UITG. MATERIAAL.				VOOR NIET VERMEDELDE BOVEN [mm] MAATTOOL GELDT:				NOMINALE L. vld kortste zijde vld HOEK (20")				ALLE KANTEN BREKEN VELS: 6 mm 11 mm 14 mm 31 mm 37 mm 42 mm 47 mm 52 mm 57 mm 62 mm 67 mm 72 mm 77 mm 82 mm 87 mm 92 mm 97 mm 102 mm 107 mm 112 mm 117 mm 122 mm 127 mm 132 mm 137 mm 142 mm 147 mm 152 mm 157 mm 162 mm 167 mm 172 mm 177 mm 182 mm 187 mm 192 mm 197 mm 202 mm 207 mm 212 mm 217 mm 222 mm 227 mm 232 mm 237 mm 242 mm 247 mm 252 mm 257 mm 262 mm 267 mm 272 mm 277 mm 282 mm 287 mm 292 mm 297 mm 302 mm 307 mm 312 mm 317 mm 322 mm 327 mm 332 mm 337 mm 342 mm 347 mm 352 mm 357 mm 362 mm 367 mm 372 mm 377 mm 382 mm 387 mm 392 mm 397 mm 402 mm 407 mm 412 mm 417 mm 422 mm 427 mm 432 mm 437 mm 442 mm 447 mm 452 mm 457 mm 462 mm 467 mm 472 mm 477 mm 482 mm 487 mm 492 mm 497 mm 502 mm 507 mm 512 mm 517 mm 522 mm 527 mm 532 mm 537 mm 542 mm 547 mm 552 mm 557 mm 562 mm 567 mm 572 mm 577 mm 582 mm 587 mm 592 mm 597 mm 602 mm 607 mm 612 mm 617 mm 622 mm 627 mm 632 mm 637 mm 642 mm 647 mm 652 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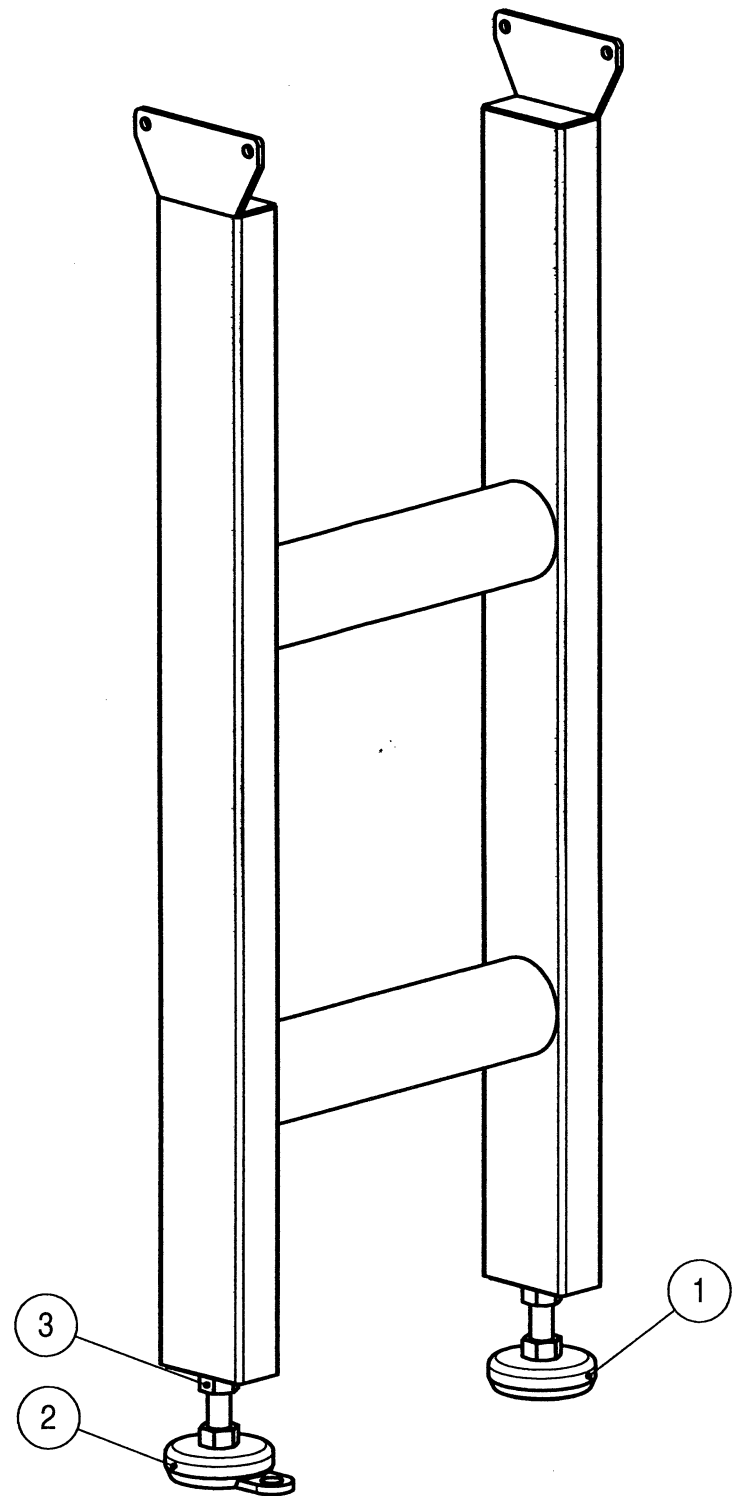
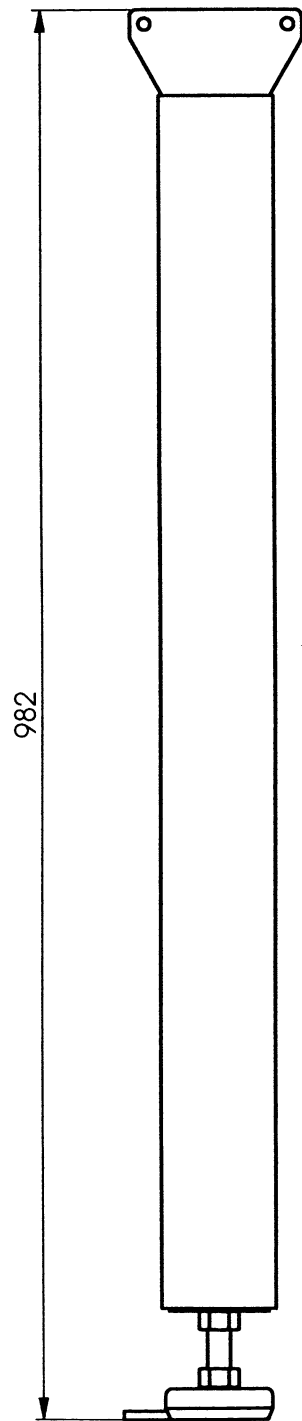
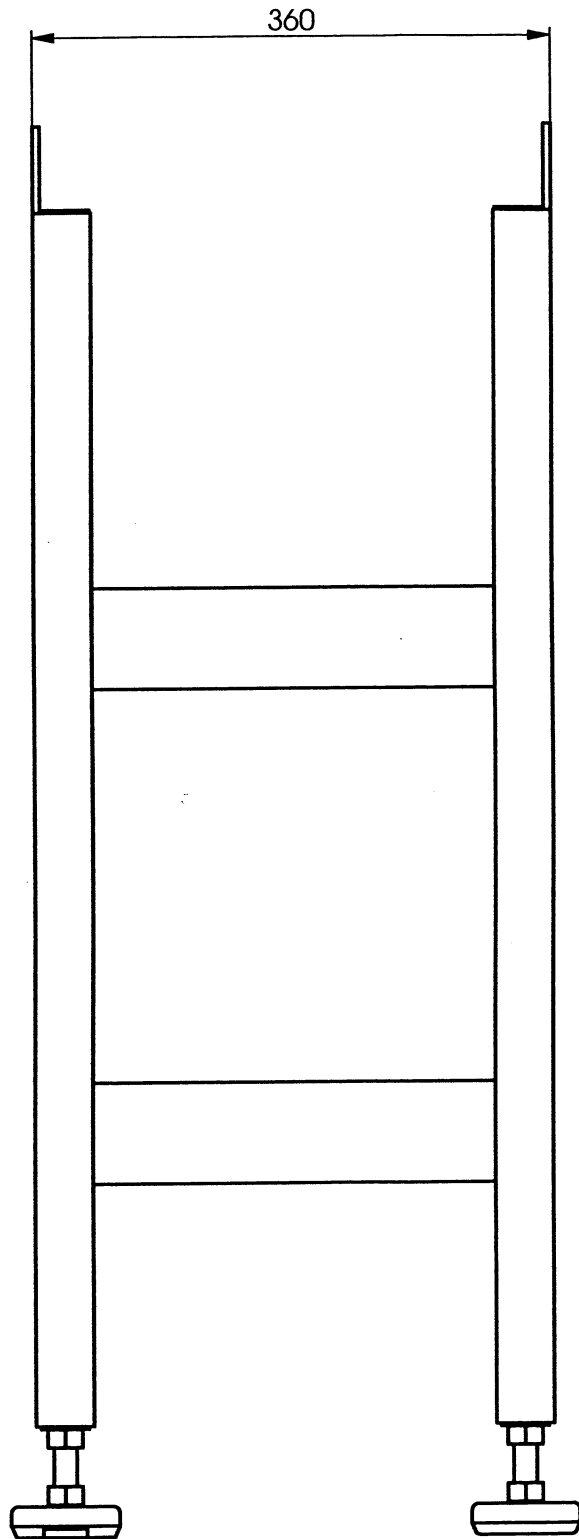
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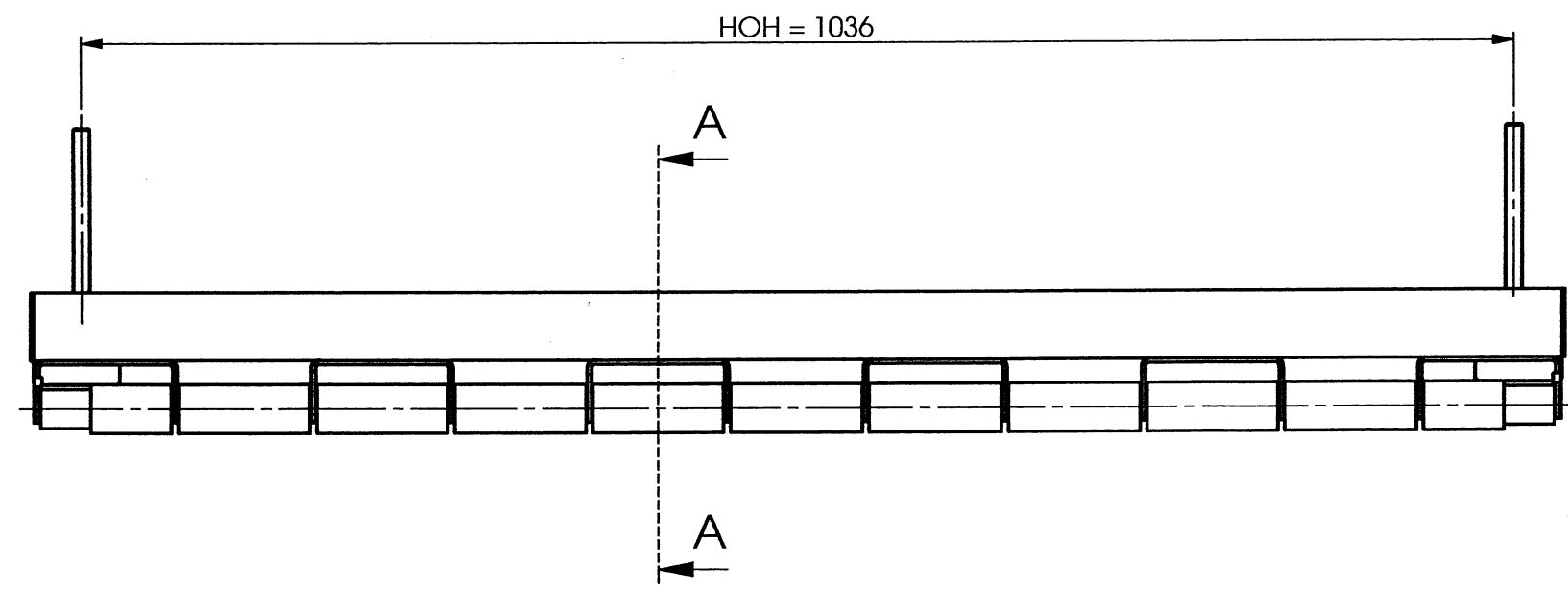
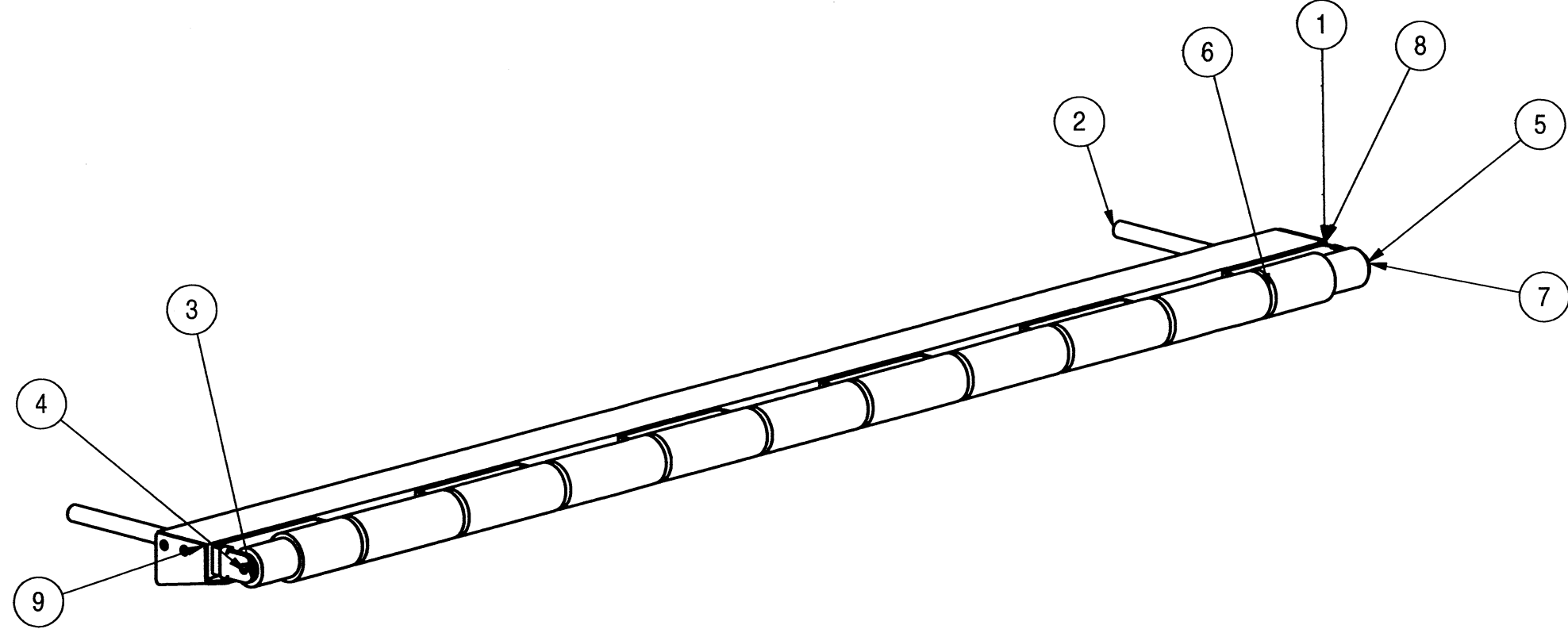
Gewijzigd tot vorige revisie:											
VOOR NIET VERMEDELDE VOORM EN PLAATSTOL GELT: TOL IS VOOR DE MAATTOEGRANDE GELT NIET VOOR UITGAANS-MATERIAAL		VOOR NIET VERMEDELDE BOVEN		NOMINALE MAAT [mm] bij 20° GELT NIET VOOR UITG.MATERIAAL		VOOR NIET VERMEDELDE HOEKSTOL		NOM.LENGTE VAN KORTSTE ZIJDE V.WOED (20°)		ALLE KANTEN BREKEN NLS: Een 11 mm	
MAATSTOL		TOET EN MET		100 200 300 400 500 600 700 800 900 1000 1200 1500 2000		HOEKSTOL		10 20 30 45 60 90 120		Een 11 mm	
GELT:		TOEGRANTEE		x0.1 x0.2 x0.3 x0.5 x0.8 x1.2 x2		GELT:		TOEGRANTEE (breuk)		Een 11 mm	
SCHAAL: 1:5		VOORM- EN PLAATSTOL VOLGS. NEN 3311		RUWHEID VOLGS. NEN 3634		MAATSTOL VOLGS. NEN 2365		PROJECTIE		Een 11 mm	
GET: Z. Telelepta		BENAMING:		Opvoerbaan D4W - UDVL						AANTAL:	
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Rademaker		Specialists in food processing equipment				RADEMAKER B.V. HOLLAND				A 2	



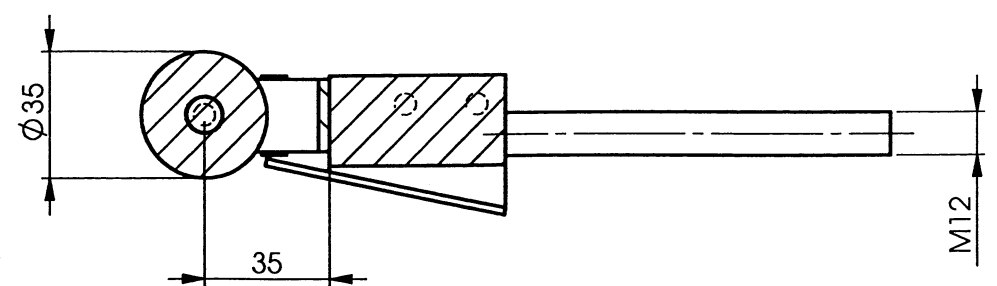
Eigendom uitdrukkelijk behouden.
Vernietiging of mededeling aan derden,
in welke vorm ook, is zonder schriftelijke
toestemming van eigenares niet geoorloofd



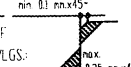
Gewijzigd tov vorige revisie:									
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE	NOMINALE MAAT (mm) bij 20° GELDT NIET VOOR UITG.MATERIAAL						VOOR NIET VERMELDE	NOM. LENGTE v/d KORTSTE ZIJDE v/d HOEK (20°)
	BOVEN	-	6	30	120	315	1000	2000	BOVEN (mm)
	MAATTOL.	TOT EN MET	6	30	120	315	1000	2000	TOT EN MET (mm)
	GELDT:	TOLERANTIE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
SCHAAL: 1:5		FORM- EN PLAATSTOL. VOLGS. NEN 3311		RUWHEID VOLGS. NEN 3634		MAATTOL. VOLGS. NEN 2365		ALLE KANTEN BREKEN VLGS: R min 0.1 mm min 0.1 mm x 45° R max 0.4 mm OF VLGS: max 0.25 mm x 45°	
GET: Z. Tetelepta		BENAMING:		PROJECTIE		AANTAL:		PROJECTIE	
GEZ:		DATE: 21/03/2008		STEUNPOOT UDVL		AANTAL:		PROJECTIE	
AFGELEID VAN: 717030 0500206.33293 Rev 1		BEHANDELING:		PROJECTNUMMER-TEKENINGNUMMER: 719305 - 0500206.33293		VERSIE: 2		PROJECTIE	
Rademaker		Specialists in food processing equipment		RADEMAKER B.V. HOLLAND		A 3		PROJECTIE	



Werkbreedte = 1000

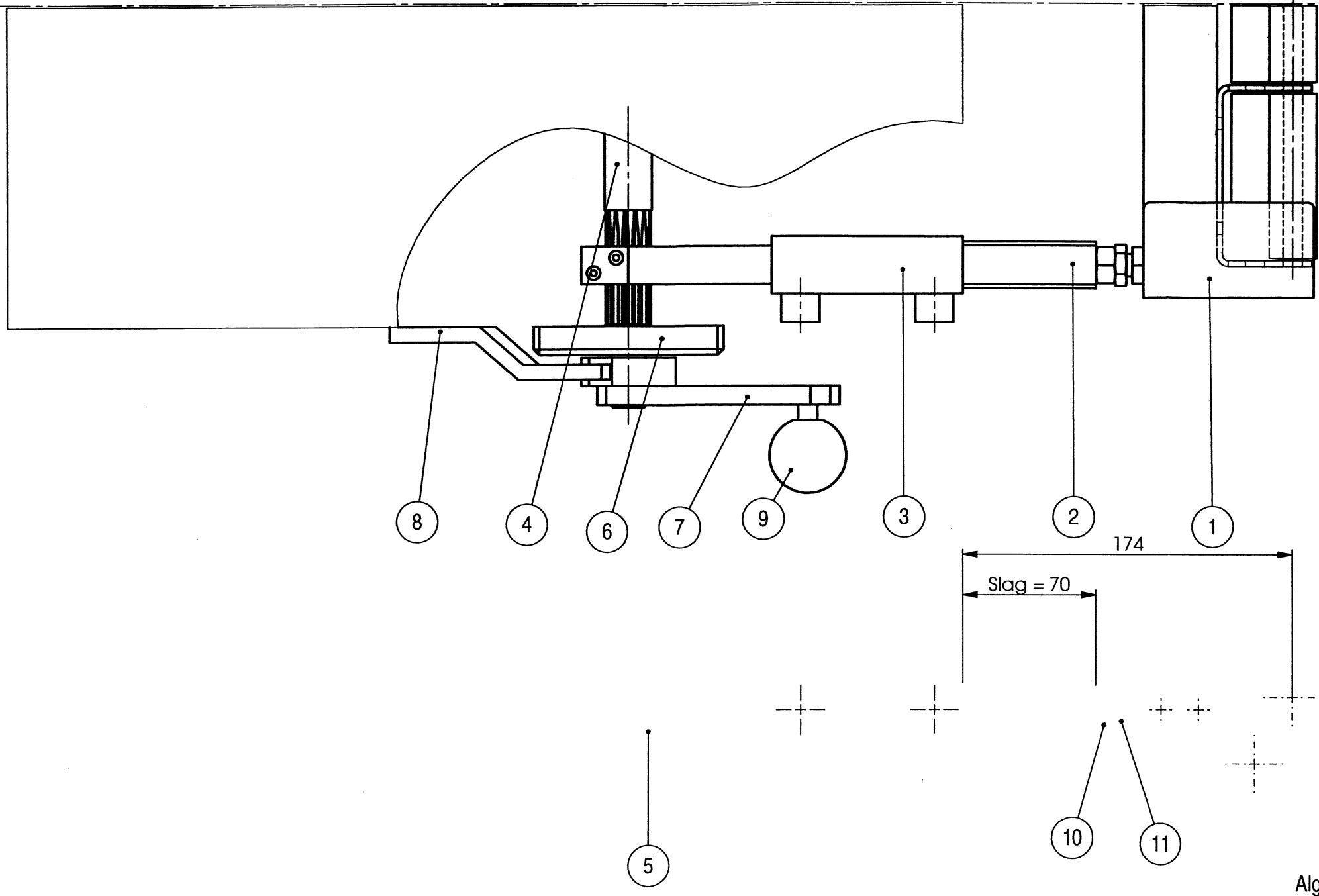
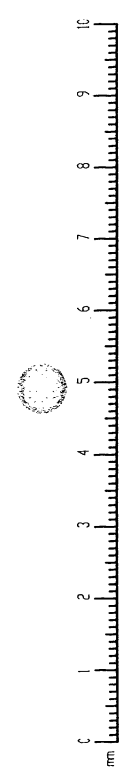


A-A (1 : 2)

Gewijzigd tov vorige revisie:																			
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL.	VOOR NIET VERMELDE MAATTOL. GELDT:	NOMINALE MAAT [mm] bij 20° GELDT NIET VOOR UITG.MATERIAAL:								VOOR NIET VERMELDE HOEKTOL. GELDT:	NOM.LENGTE v/d KORTSTE ZIJDE v/d HOEK (20°)					ALLE KANTEN BREKEN VLGS:			
		BOVEN	-	6	30	120	315	1000	2000		BOVEN (mm)	-	10	50	120	R min 0.1 mm			D ^o VLGS:
		TOT EN MET	6	30	120	315	1000	2000	-		TOT EN MET (mm)	10	50	120	-	R max 0.4 mm			
		TOLERANTIE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2		TOLERANTIE (mm)	±60'	±30'	±20'	±10'				
SCHAAL: 1:5		VORM- EN PLAATSTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365						PROJECTIE 			
GET: Z. Tetelepta																			
GEZ:		BENAMING: Mesovername Ø35 (met stuurstr)															AANTAL:		
DATUM: 18/02/2008																			
AFGELEID VAN: 0600801.19255 Rev 4		BEHANDELING:						PROJECTNUMMER-TEKENINGNUMMER: 719305 - 0600801.19255						VERSIE: 1					
Rademaker		Specialists in food processing equipment						RADEMAKER B.V. HOLLAND						A 3					

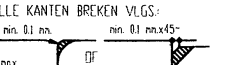
Eigendom uitdrukkelijk voorbehouden.
Vernieuwingsrecht of mededeling aan derden,
in welke vorm ook, is zonder schriftelijke
toestemming van eigenares niet geoorloofd.

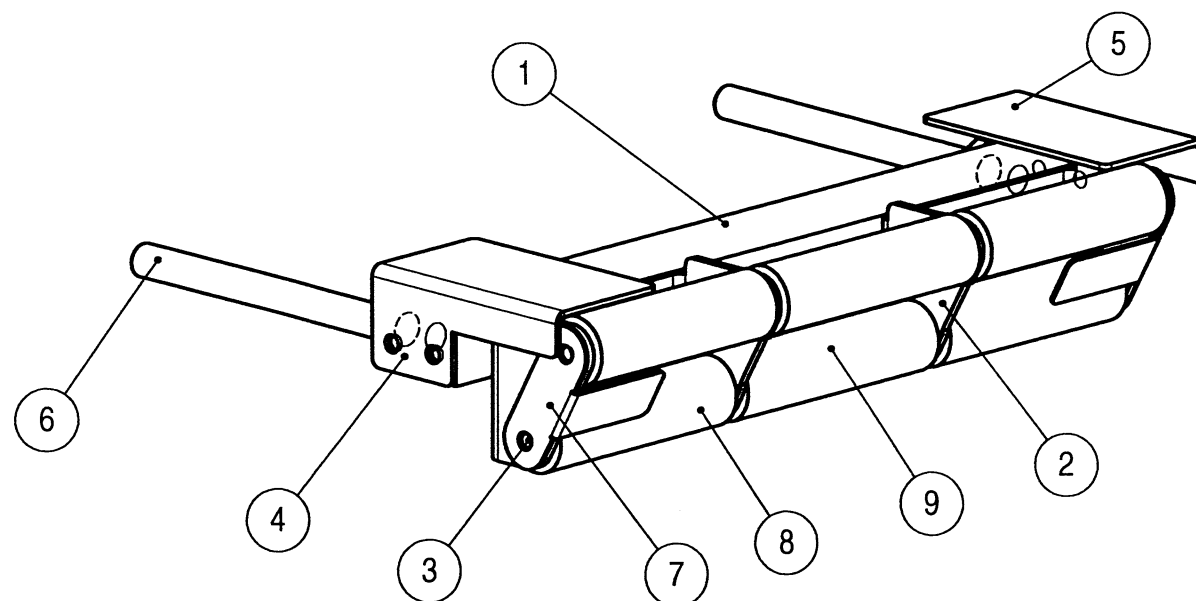
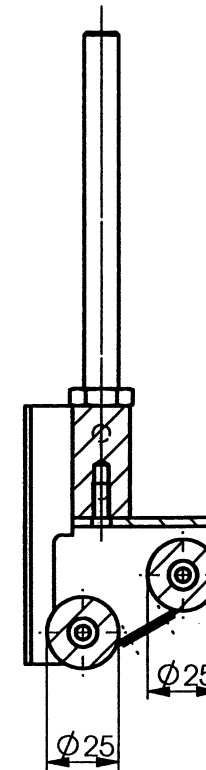
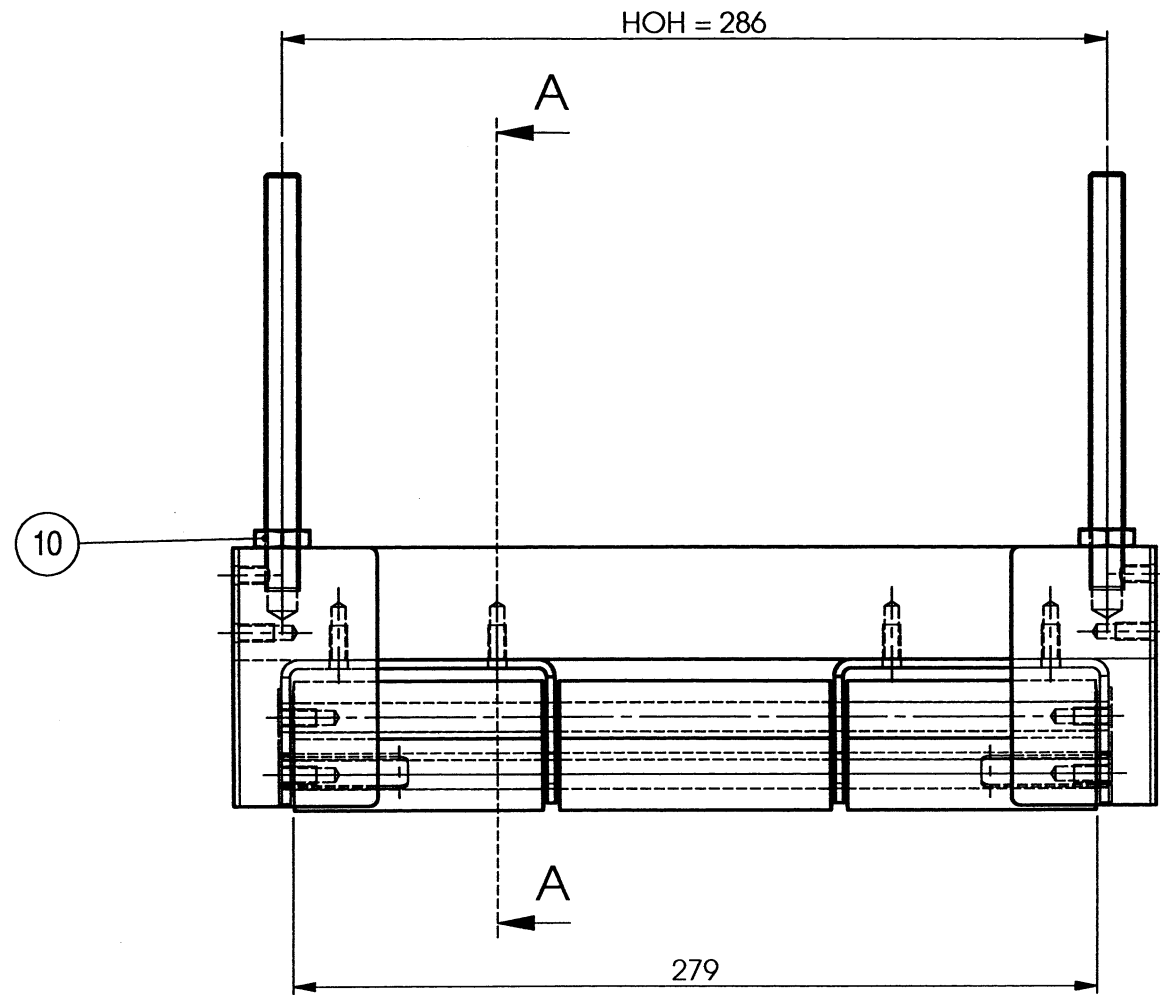
Eigendom uitdrukkelijk behouden.
Vernieuwing of mededeling aan derden,
in welke vorm ook, is zonder schriftelijke
toestemming van eigenares niet geoorloofd



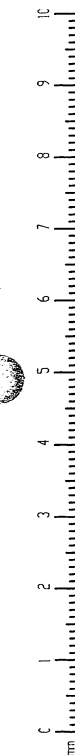
Algemene gegevens

Baanbreedte = 350mm
Bandbreedte = 250mm
Uitvoering D4W
Duwend aangedreven
Spanzijde rechts

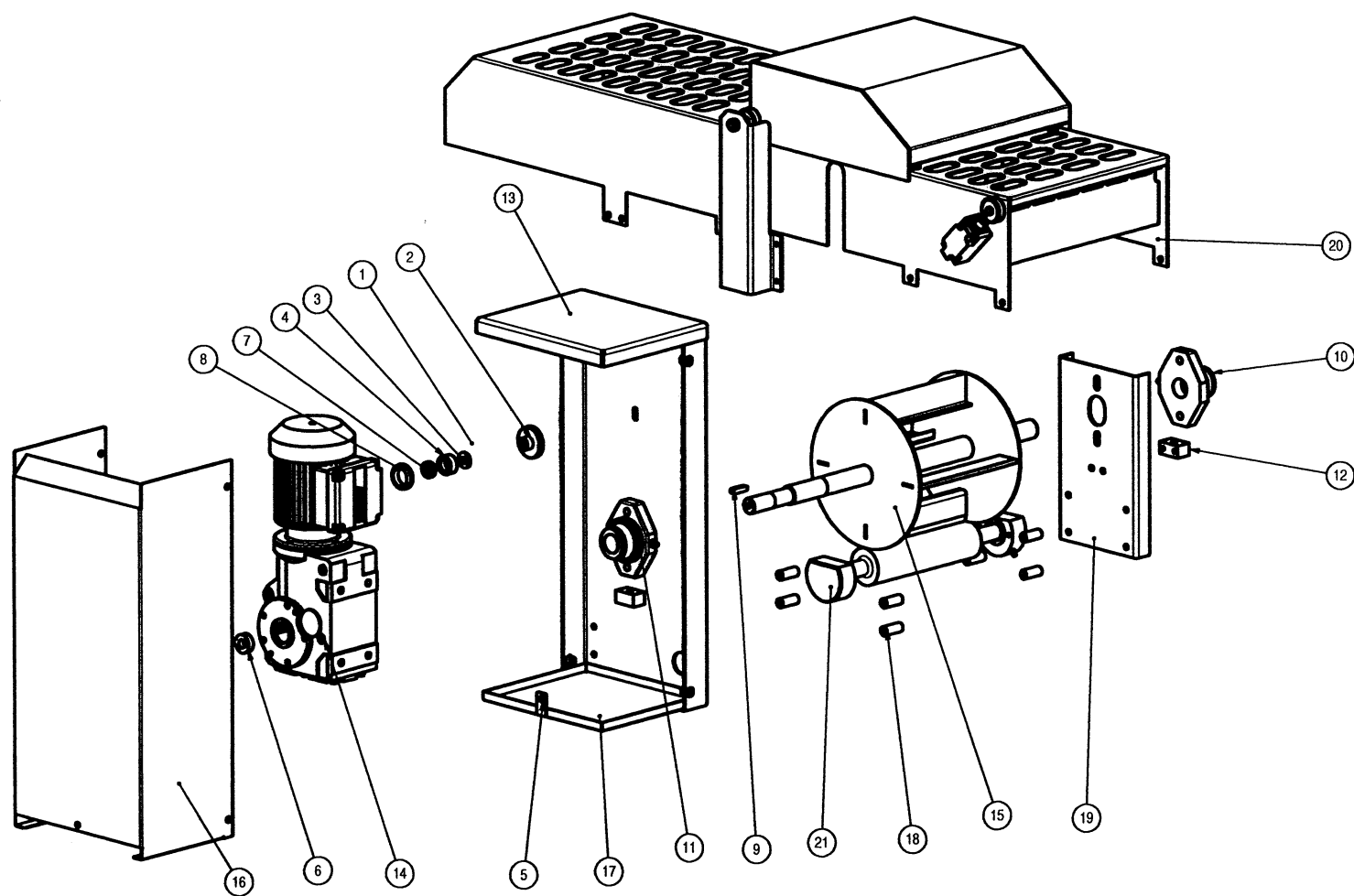
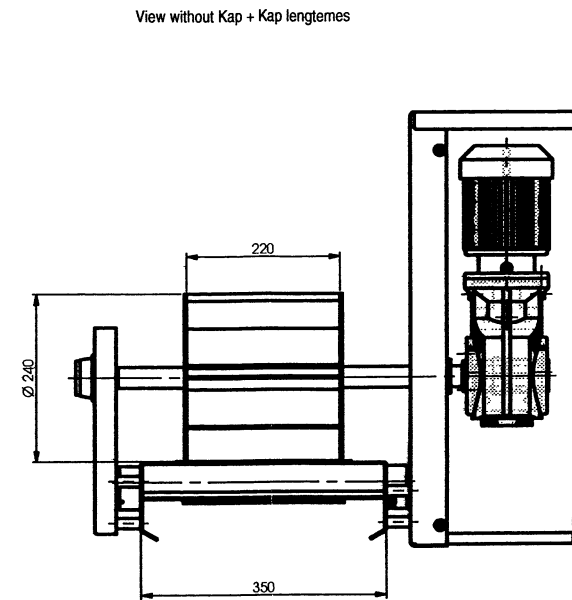
Gewijzigd tov vorige revisie: Enkele kleine wijzigingen																	
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE MAATTOL. GELDT:	NOMINALE MAAT (mm) bij 20° GELDT NIET VOOR UITG.MATERIAAL								VOOR NIET VERMELDE HOEKTOL. GELDT:	NOM. LENGTE v/d KORTSTE ZIJDE v/d HOEK (20°)				ALLE KANTEN BREKEN VLGS: R min. 0.1 mm min. 0.1 mm x 45° R max. 0.4 mm VLGS: max. 0.25 mm x 45° 		
		BOVEN - 6 30 120 315 1000 2000									BOVEN (mm) - 10 50 120						
		TOT EN MET 6 30 120 315 1000 2000 -									TOT EN MET (mm) 10 50 120 -						
		TOLERANTIE ±0.1 ±0.2 ±0.3 ±0.5 ±0.8 ±1.2 ±2									TOLERANTIE (minuten) ±60' ±30' ±20' ±10'						
SCHAAL: 1:2.5		VORM- EN PLAATSTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365							
GET: J.H.J. Dapper																	
GEZ:		BENAMING: Mesovername + snelontspanner											AANTAL:				
DATUM: 20/11/2006																	
AFGELEID VAN:		BEHANDELING:						PROJECTNUMMER-TEKENINGNUMMER: - 0600801.19047						VERSIE: 7			
Rev																	
Rademaker		Specialists in food processing equipment						RADEMAKER B.V. HOLLAND						A 3			

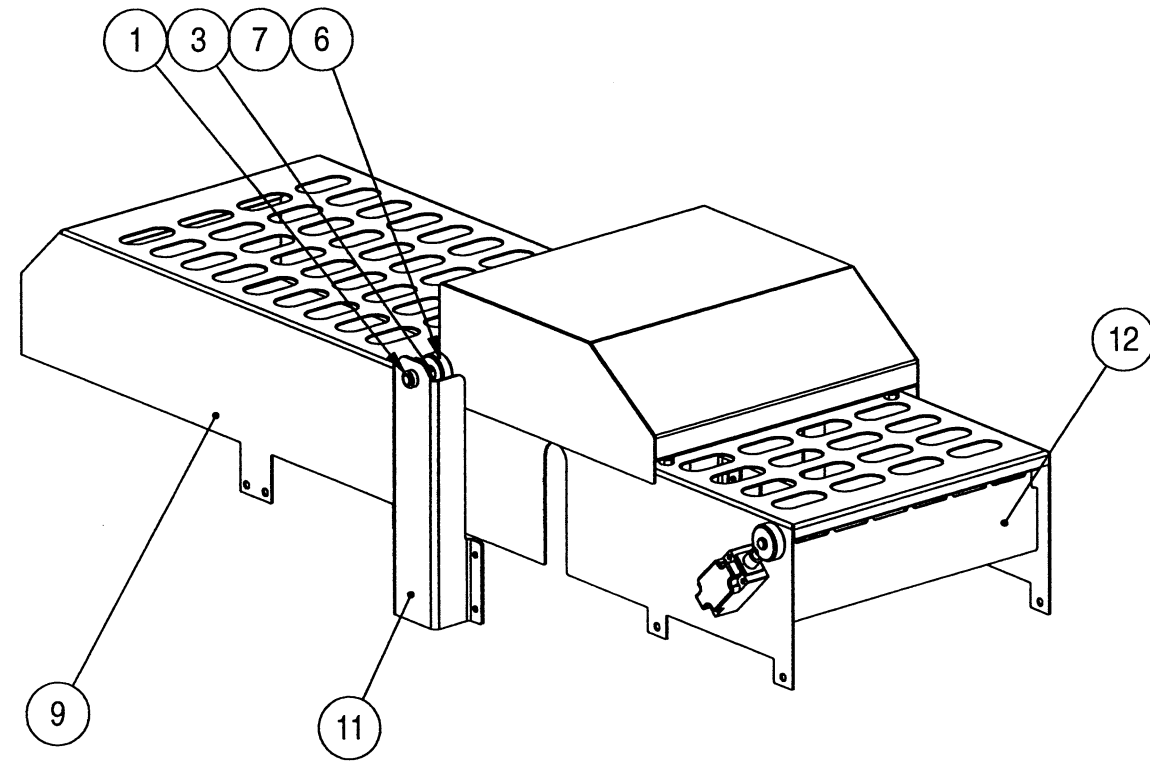
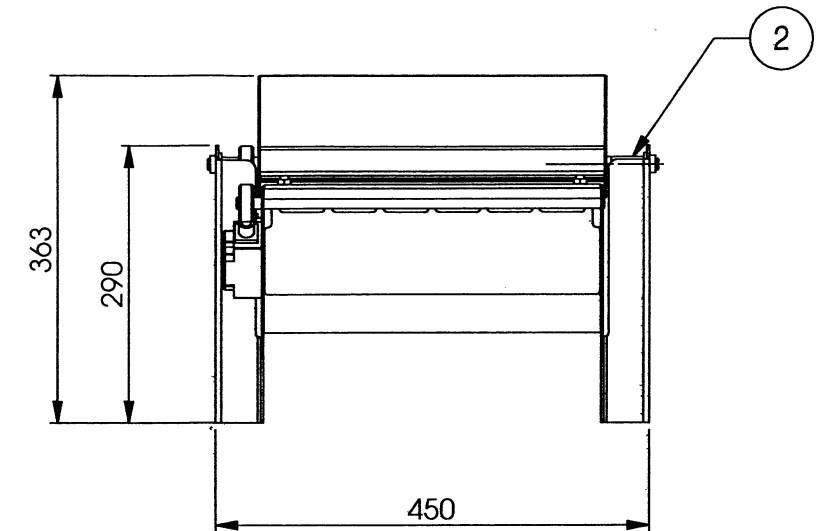
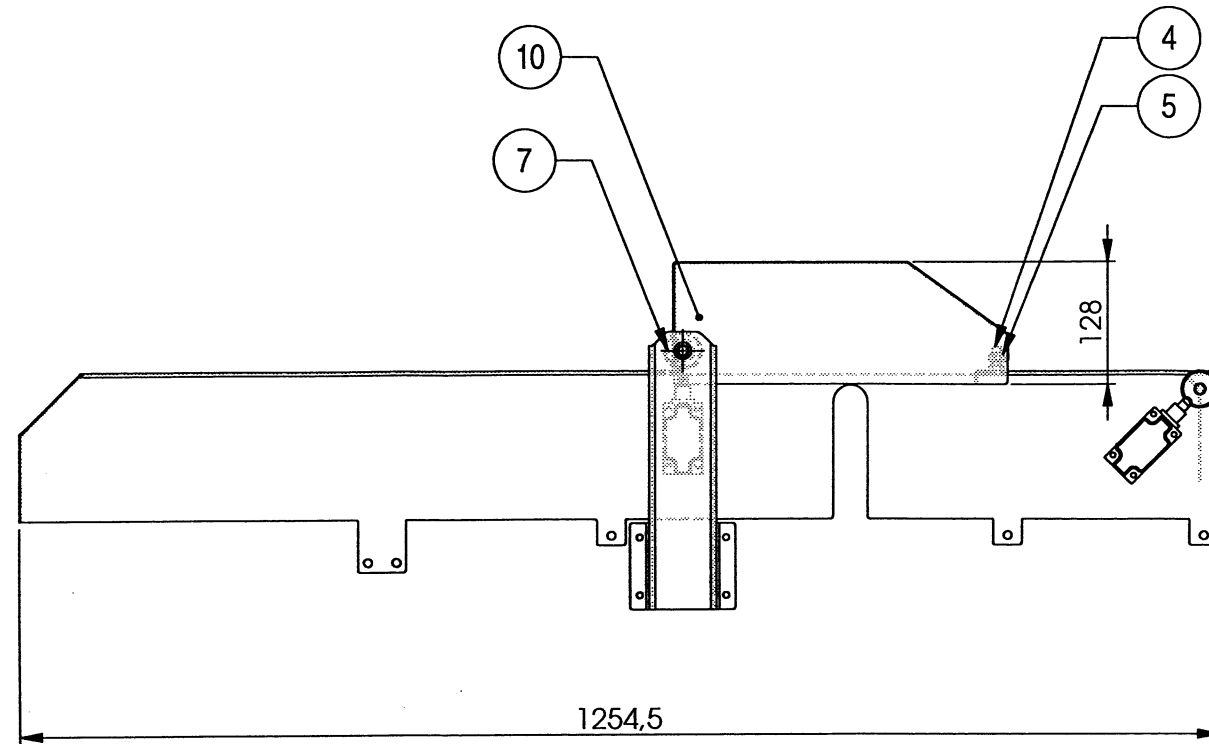


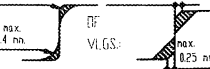
Gewijzigd tov vorige revisie: 19-03-08, BvL: Pos. 8 en 9 gew. zonder rev.verhoging.																					
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL.	VOOR NIET VERMELDE MAATTOL. GELDT:	NOMINALE MAAT [mm] bij 20° GELDT NIET VOOR UITG.MATERIAAL								VOOR NIET VERMELDE HOEKTOL. GELDT:	NOM.LENGTE v/d KORTSTE ZIJDE v/d HOEK (20°)					ALLE KANTEN BREKEN VLGS: R min. 31 mm min. 81 mm x 45° OF R max. 84 mm max. 825 mm x 45° VLGS:					
		BOVEN									BOVEN (mm)										
		TOT EN MET									TOT EN MET (mm)										
		TOLERANTIE									TOLERANTIE (minuten)										
SCHAAL: 1:2.5		VORM- EN PLAATSTOL. VOLGS. NEN 3311								RUWHEID VOLGS. NEN 3634					MAATTOL. VOLGS. NEN 2365						PROJECTIE
GET: J. Nijhoff *																					
GEZ:		BENAMING: Mesovername rond 25 dubbel													AANTAL:						
DATUM: 27/10/2008																					
AFGELEID VAN:		BEHANDELING:								PROJECTNUMMER-TEKENINGNUMMER: - 0600801.19046								VERSIE: 5			
Rev																					
Rademaker		Specialists in food processing equipment								RADEMAKER B.V. HOLLAND								A 3			



Eigendom uitdrukkelijk voorbehouden.
Vernieuwgeving of mededeling aan derden,
in welke vorm ook, is zonder schriftelijke
toestemming van eigenares niet geoorloofd.

[illegible]

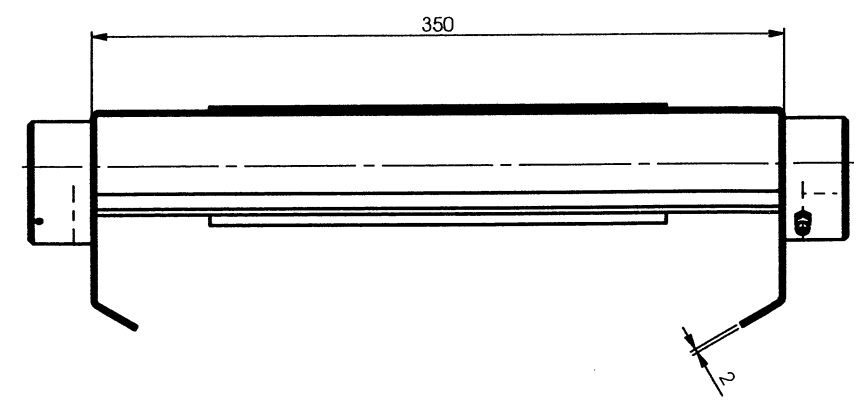
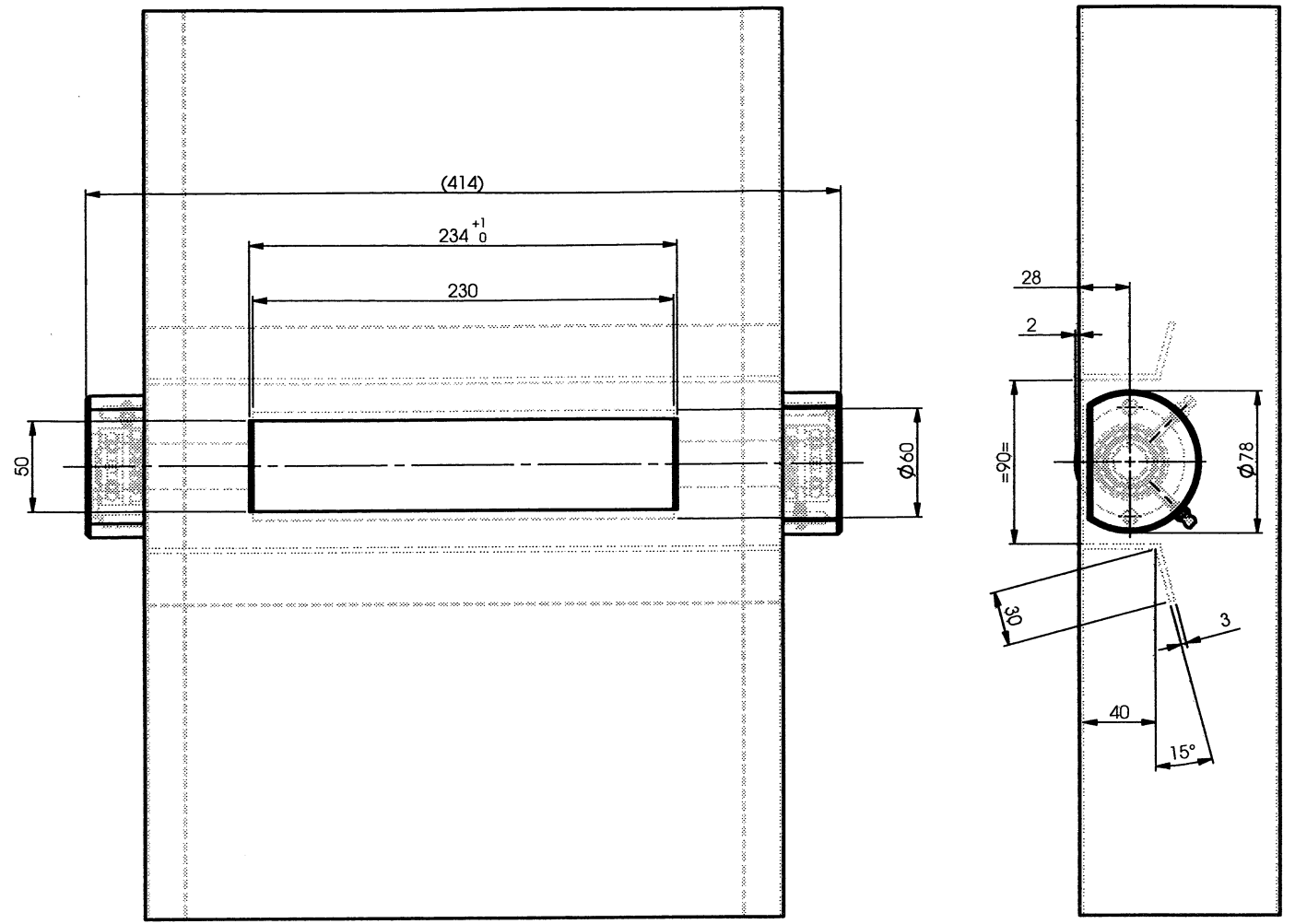
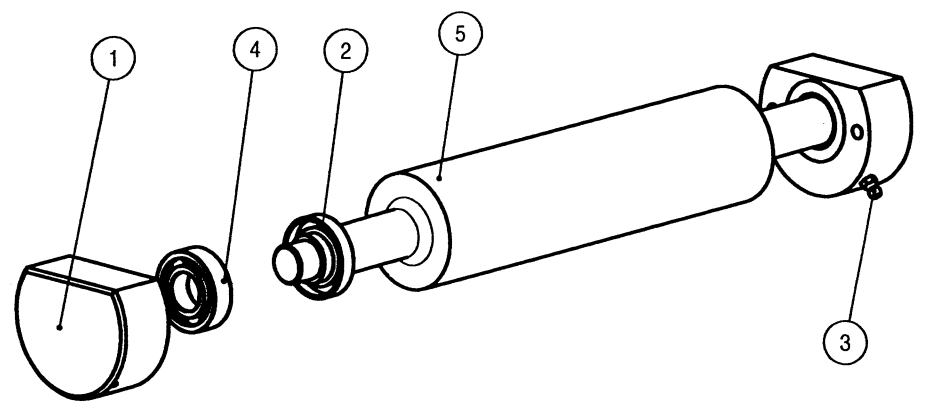


Gewijzigd tov vorige revisie:																
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL.	VOOR NIET VERMELDE MAATTOL. GELDT:	NOMINALE MAAT (mm) bij 20° GELDT NIET VOOR UITG.MATERIAAL								VOOR NIET VERMELDE HOEKTOL. GELDT:	NOM.LENGTE w/d KORTSTE ZIJDE w/d HOEK (20°)				ALLE KANTEN BREKEN VLGS: 2 min. 61 mm 2 min. 61 mm x 45°	
		BOVEN	-	6	30	120	315	1000	2000		BOVEN (mm)	-	10	50	120	
		TOT EN MET	6	30	120	315	1000	2000	-		TOT EN MET (mm)	10	50	120	-	
		TOLERANTIE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2		TOLERANTIE (microns)	±60'	±30'	±20'	±10'	
SCHAAL: 1:7.5		VORM- EN PLAATSTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365						
GET: Z. Tetelepta																
GEZ:		BENAMING: Kap lengtemes										AANTAL:				
DATUM: 24/01/2008																
AFGELEID VAN: 717031 0400102.02064 Rev 1		BEHANDELING:						PROJECTNUMMER-TEKENINGNUMMER: 719306 - 0400102.02064						VERSIE: 1		
Rademaker		Specialists in food processing equipment						RADEMAKER B.V. HOLLAND						A 3		



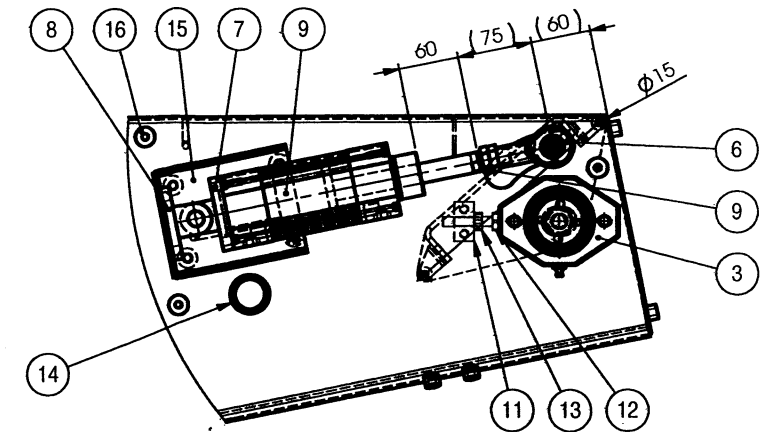
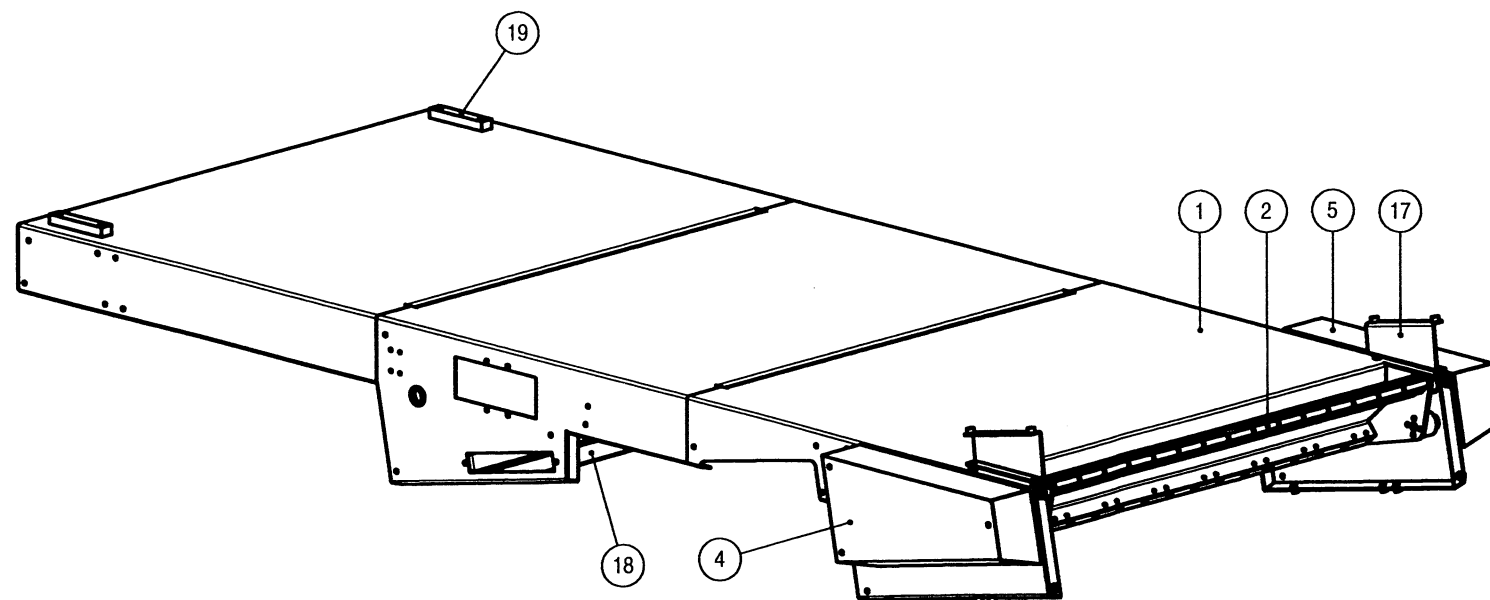
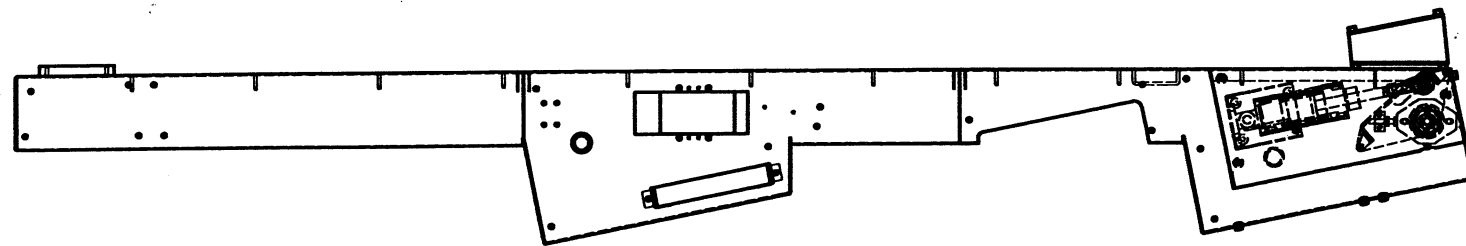
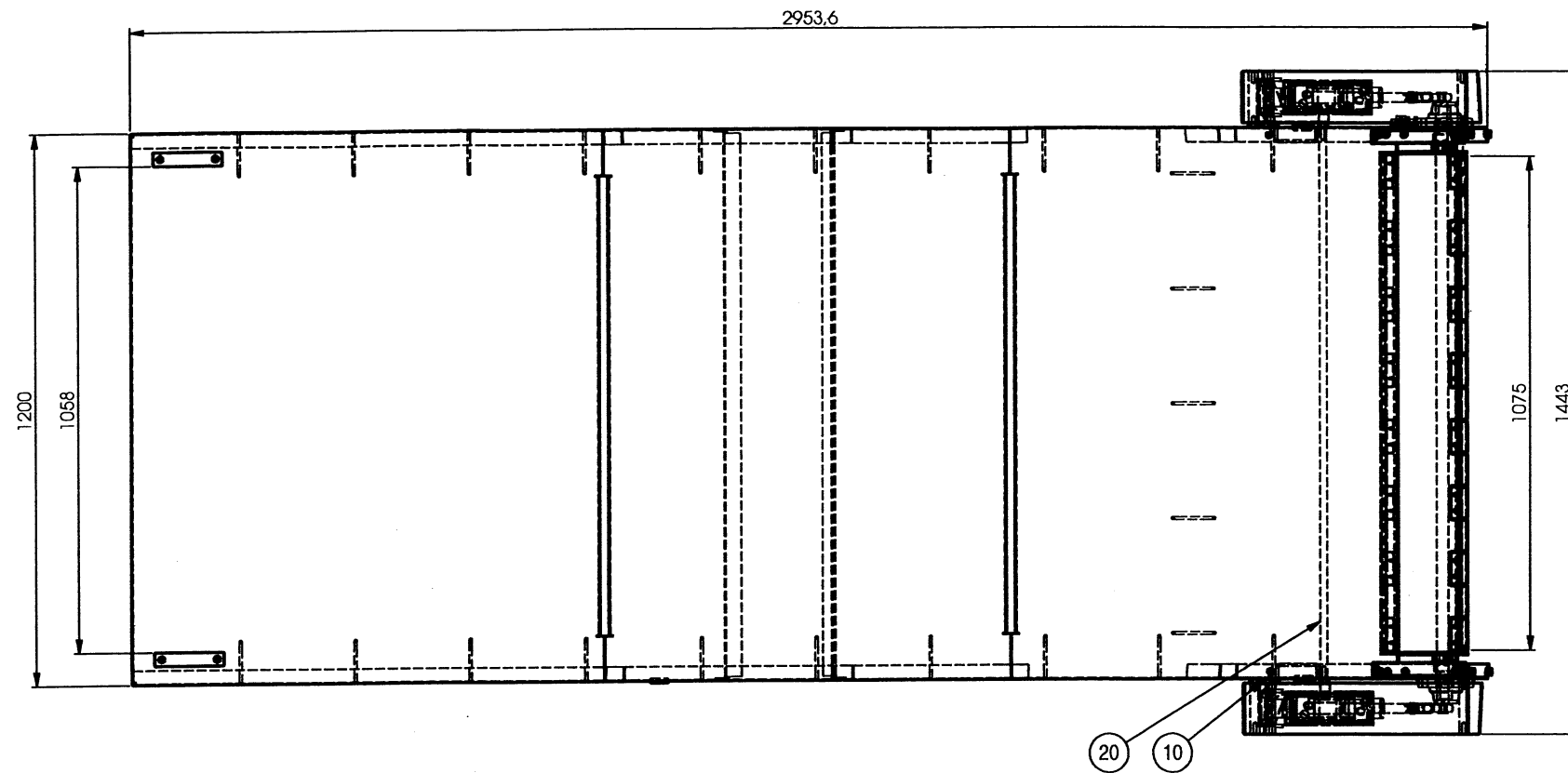


Externe afmetingen worden niet
vermenigvuldigd of gedeeld met
n.v.m. voor een tekenen
toelichting van afmetingen niet specificeren

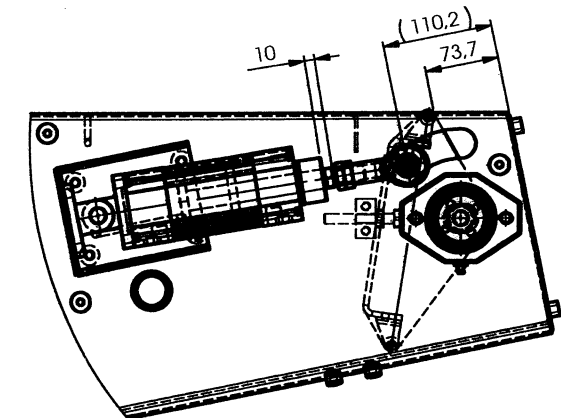


Rollengte = Bandbreedte - 20
Gat in baan = Rollengte + 4

Gewijzigd tov vorige revisie:																					
VOOR NIET VERMELDE VOORM EN PLAASTOL GELDT: TOL. IS 1/3 VAN DE MAAT TOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE BOVEN TOT EN MET GELDT:	NOMINALE MAAT [mm] NI 20° GELDT NIET VOOR UITG. MATERIAAL								VOOR NIET VERMELDE BOVEN TOT EN MET [mm] GELDT:				NOM. LENGTE VAN KORTSTE ZIJDE VAN HOEK (20°)		ALLE KANTEN BREKEN VLGS: p. 40, 41 en 42					
		6 30 120 315 1000 2000								VERMELDE BOVEN				10 50 200		p. 41 en 42					
		TOL. IS 1/3 VAN DE MAAT TOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL								HOEKTOL.				TOL. IS 1/3 VAN DE MAAT TOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL		p. 41 en 42					
		TOLERANTIE ±0.1 ±0.2 ±0.3 ±0.5 ±0.8 ±1.2 ±2								GELDT:				TOLERANTIE [mm]		p. 41 en 42					
SCHAAL: 12.5		VORM- EN PLAASTOL VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365				PROJECTIE							
GET: Z. Tetelepta		BENAMING: Onderlopende rol Invul				AANTAL:				AFGELEID VAN: 717031 0600502.01006 Rev 1		PROJECTNUMMER-TEKENINGNUMMER: 719306 - 0600502.01006				VERSIE: 1					
GEZ:		BEHANDLING:				PROJECTNUMMER-TEKENINGNUMMER:				AANTAL:				AFGELEID VAN: 717031 0600502.01006 Rev 1		PROJECTNUMMER-TEKENINGNUMMER: 719306 - 0600502.01006				VERSIE: 1	
DATUM: 25/01/2008		BEHANDLING:				PROJECTNUMMER-TEKENINGNUMMER:				AANTAL:				AFGELEID VAN: 717031 0600502.01006 Rev 1		PROJECTNUMMER-TEKENINGNUMMER: 719306 - 0600502.01006				VERSIE: 1	
AFGELEID VAN: 717031 0600502.01006 Rev 1		BEHANDLING:				PROJECTNUMMER-TEKENINGNUMMER:				AANTAL:				AFGELEID VAN: 717031 0600502.01006 Rev 1		PROJECTNUMMER-TEKENINGNUMMER: 719306 - 0600502.01006				VERSIE: 1	
RADEMAKER		Specialists in food processing equipment				RADEMAKER B.V. HOLLAND				A 2				AFGELEID VAN: 717031 0600502.01006 Rev 1		PROJECTNUMMER-TEKENINGNUMMER: 719306 - 0600502.01006				VERSIE: 1	



Cilinders UIT (werkpositie)

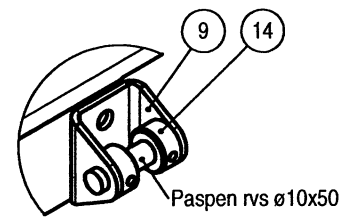
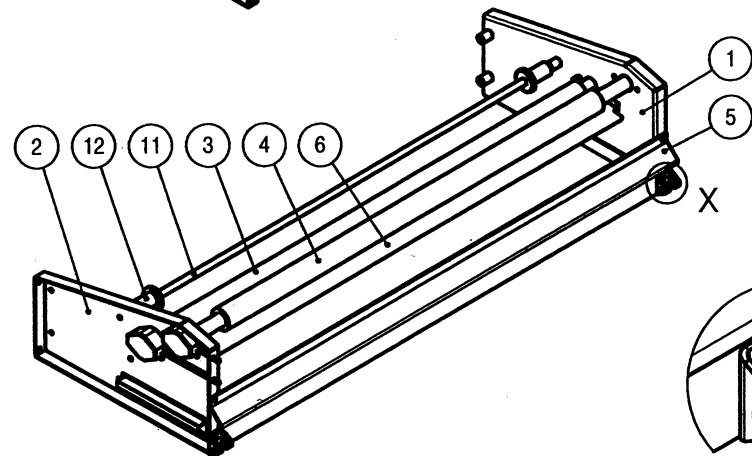
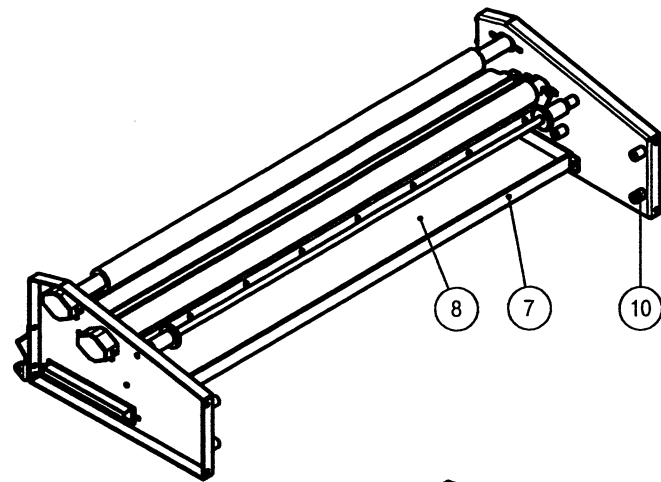


Cilinders IN

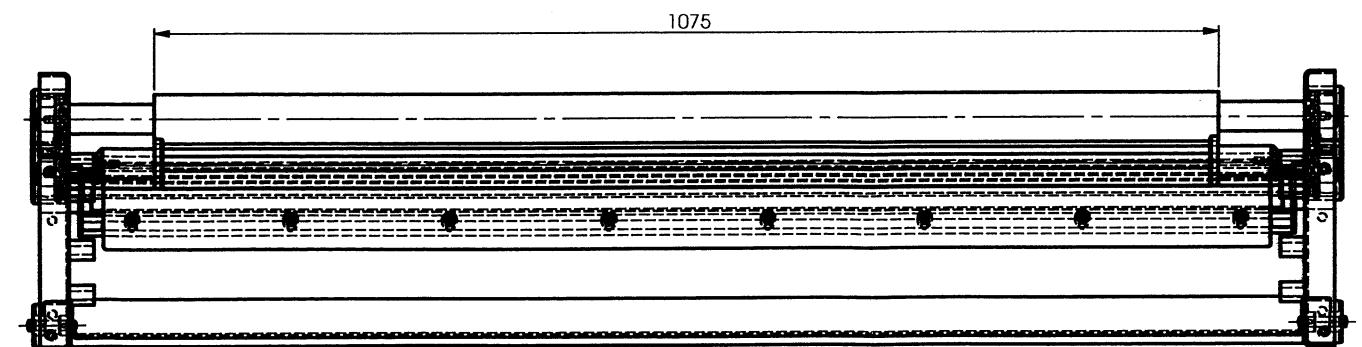
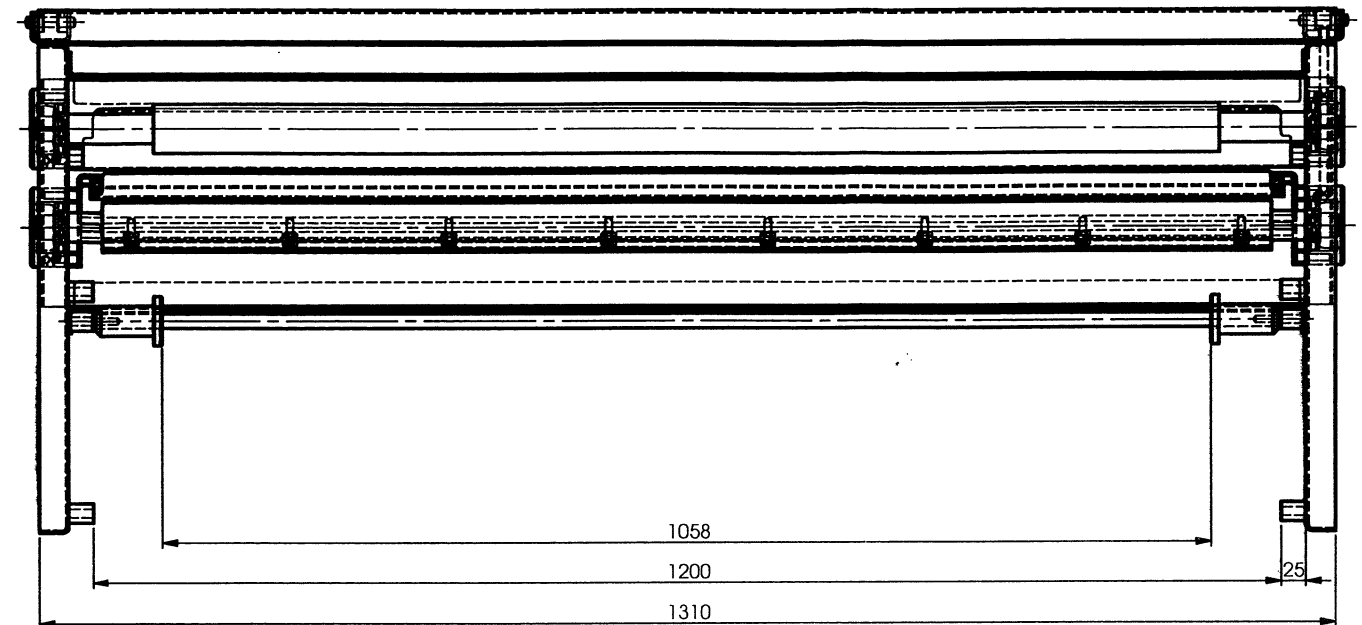
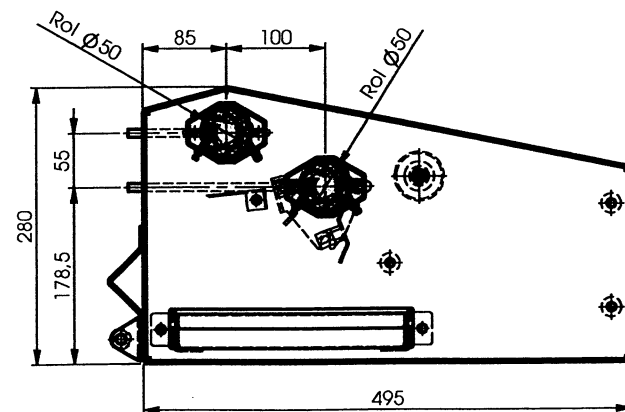
Gewijzigd tov vorige revisie:									
VOOR NIET VERMELENDE VOORM EN PLAATSTOL		NOMINALE MAAT (mm) bij 20° GELDT NIET VOOR UITG. MATERIAAL		VOOR NIET VERMELENDE ROYEN (mm)		NOM. LENGTE vs. KORTSTE ZIJDE vs. HOEK (20°)		ALLE KANTEN BREKEN VLGS.	
VERMELENDE		ROYEN		HOEKTOL		TOL. (mm)		VLGS.	
MAATSTOL		TOT EN MET		GELDT		TOLERANTIE (mm)		AANTAL	
TOLERANTIE		±0.1		±0.2		±0.5		±1.0	
GELDT		±0.1		±0.2		±0.5		±1.0	
SCHAAAL: 1:10		VORM- EN PLAATSTOL VOLGS. NEN 3311		RUWHEID VOLGS. NEN 3634		MAATSTOL VOLGS. NEN 2365		PROJECTNUMMER-TEKENINGNUMMER:	
GET: H. Robben		BENAMING:		PROJECTNUMMER-TEKENINGNUMMER:		719307 - 0600899.00116		VERSIE:	
GEZ:		AANTAL:		1		1		1	
DATUM: 22/02/2008		BEHANDELING:		PROJECTNUMMER-TEKENINGNUMMER:		719307 - 0600899.00116		VERSIE:	
AFGELEID VAN:		Rev		PROJECTNUMMER-TEKENINGNUMMER:		719307 - 0600899.00116		VERSIE:	
Rademaker		Specialists in food processing equipment		RADEMAKER B.V. HOLLAND		A 2		A 2	



Eigendom: Uitsluitend voor gebruik in de voedselverwerking. Het is niet toegestaan het te kopiëren of te verspreiden. Het is niet toegestaan het te verspreiden of te verspreiden.

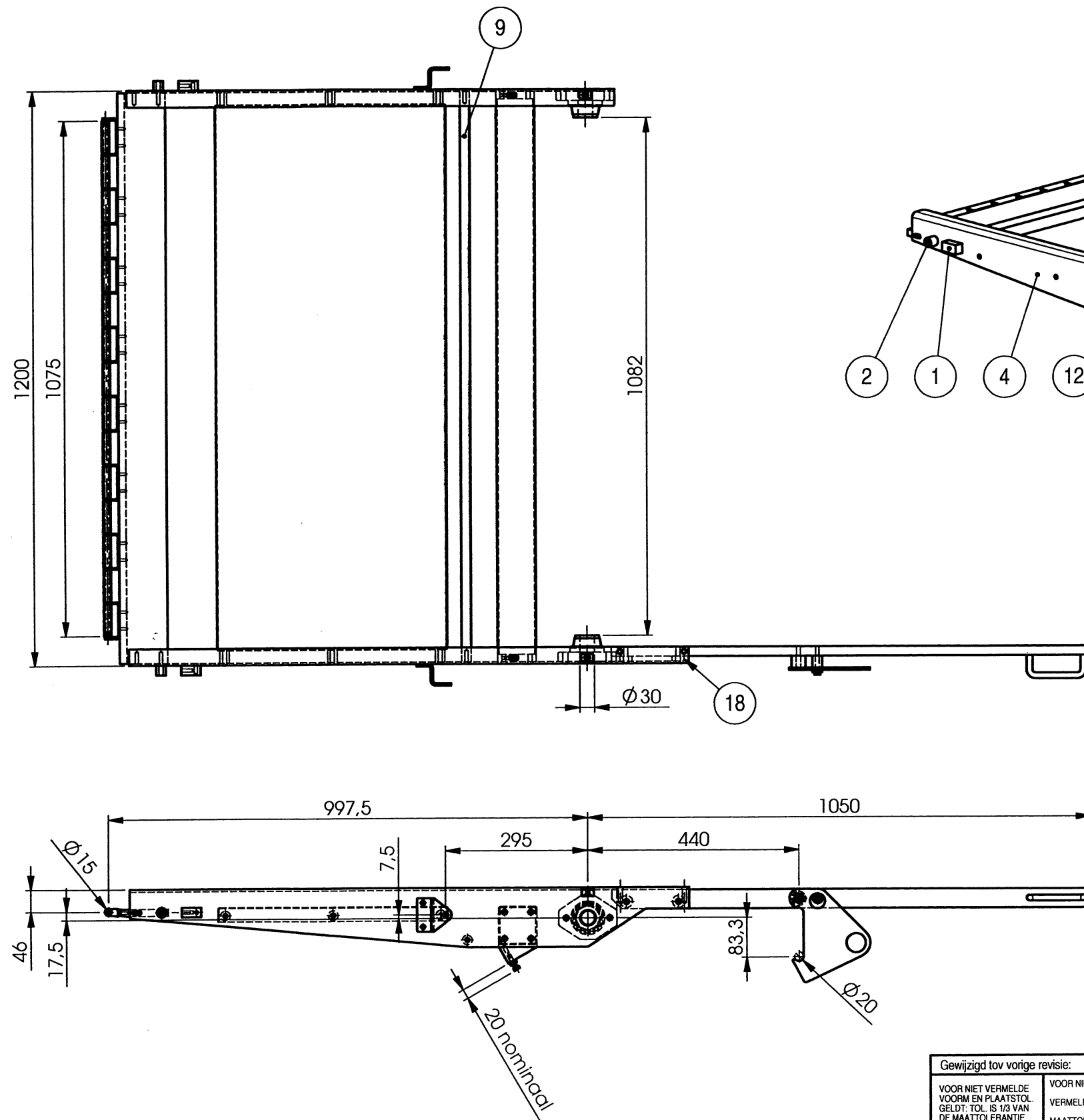


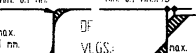
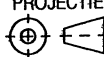
DETAIL X
SCALE 1:2



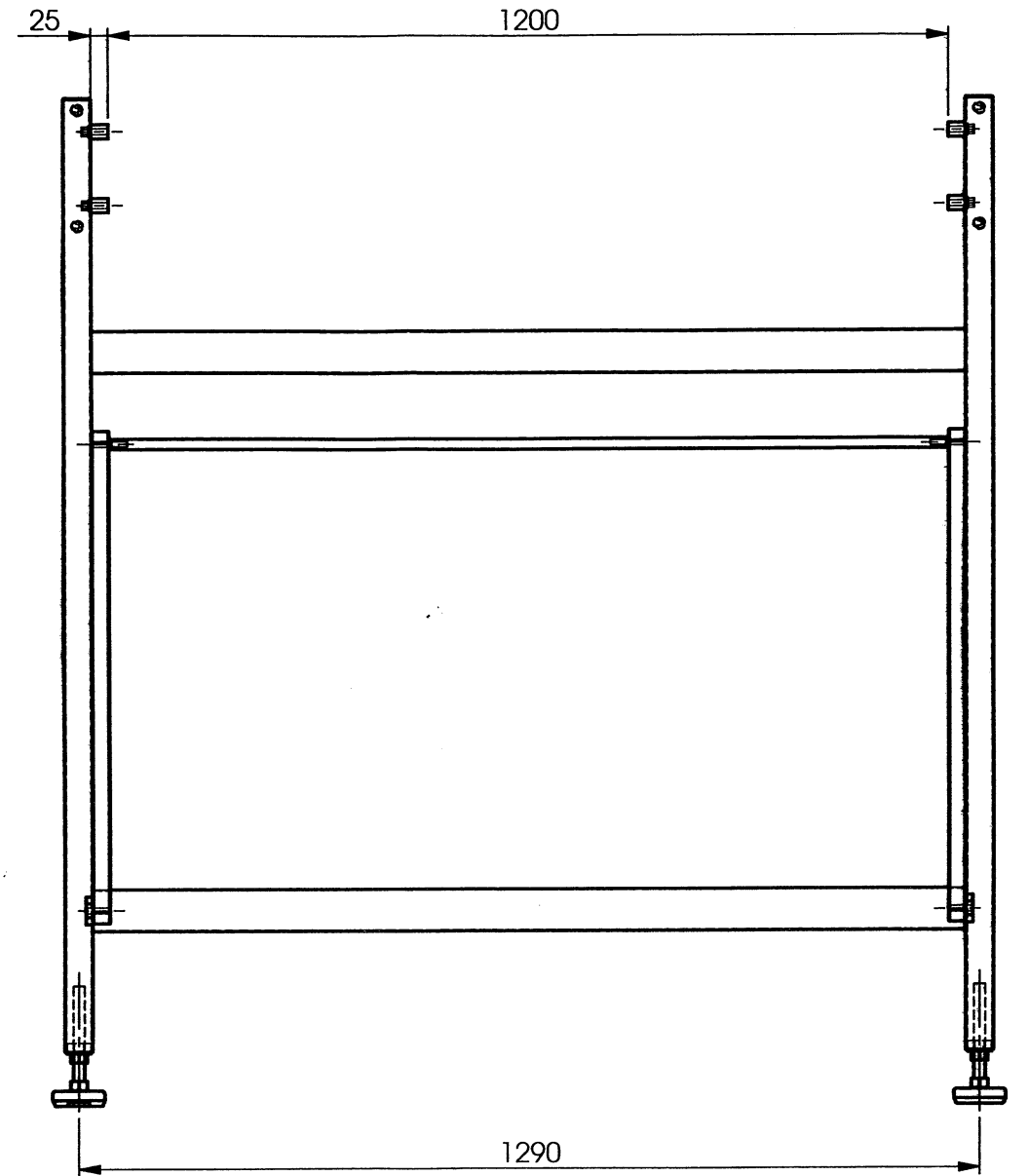
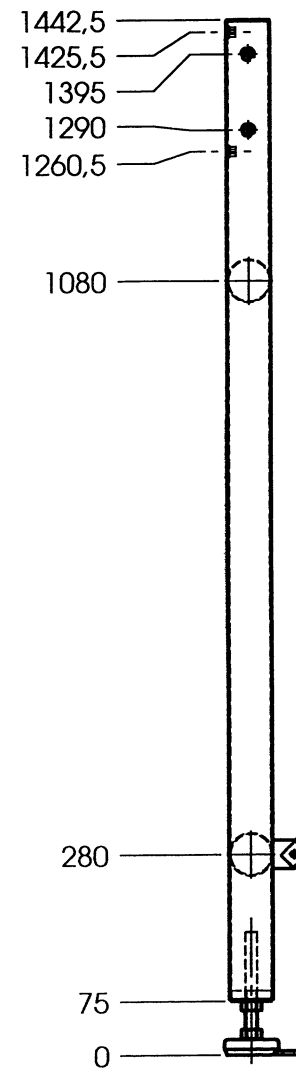
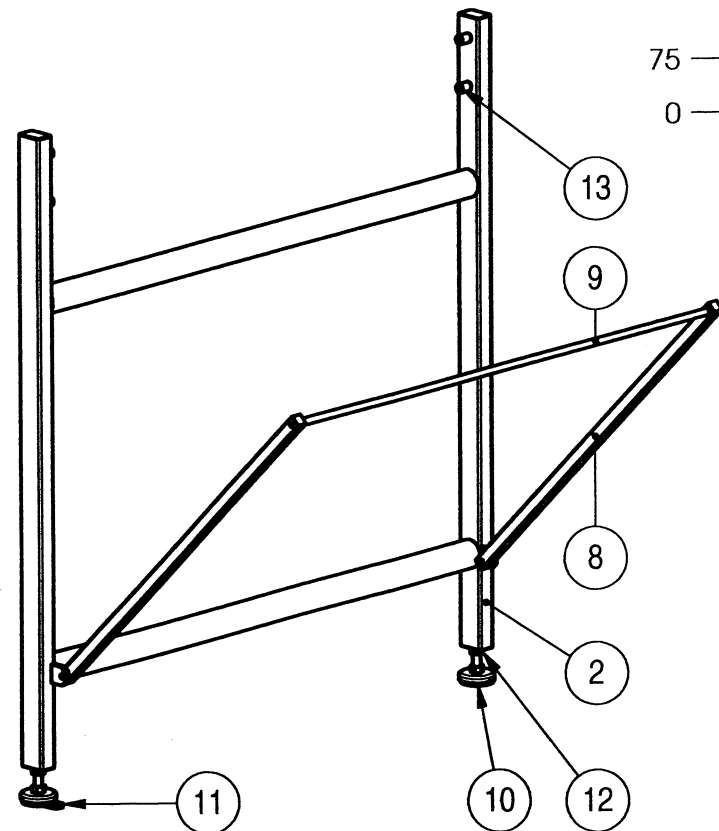
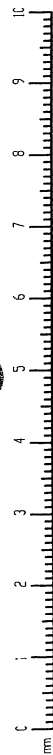
Eigendom van Rademaker
Vereniging van de
Technische en Industriële
Ondernemingen van Nederland

Gewijzigd tov vorige revisie:																
VOOR NIET VERMELDE VOORM EN PLAASTOL. GELDT. TOL. IS 1/3 VAN DE MAATTOEGEVING. GELDT NIET VOOR UITGANGSMATERIAAL.	VERMELDE BOVEN MAATTOL. GELDT:	NOMINALE MAAT (mm) bij 20° GELDT NIET VOOR UITGANGSMATERIAAL						NOMINALE LENGTE VAN KORTSTE ZIJDE VAN HOEK (20°)						ALLE KANTEN BEKENEN VOLGS. NEN 33 rev.		
		VERMELDE BOVEN						VERMELDE BOVEN (mm)						TOL. NEN 33 rev.		
		TOT EN MET						HOEKSTOL. TOT EN MET (mm)						TOL. NEN 33 rev.		
		TOLERANTIE						TOLERANTIE (mm)						TOL. NEN 33 rev.		
SCHAAL: 1:5		VORM- EN PLAASTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365				AANTAL:		
GET: H. Robben		BENAMING: Knikrollen/scharnier unit										AANTAL:				
GEZ:																
DATUM: 04/02/2008																
AFGELEID VAN: 715519 0500199.01070 Rev 1		BEHANDLING:				PROJECTNUMMER-TEKENINGNUMMER: 719307 - 0500199.01107				VERSIE: 1						
Rademaker		Specialists in food processing equipment				RADEMAKER B.V. HOLLAND						A 2				



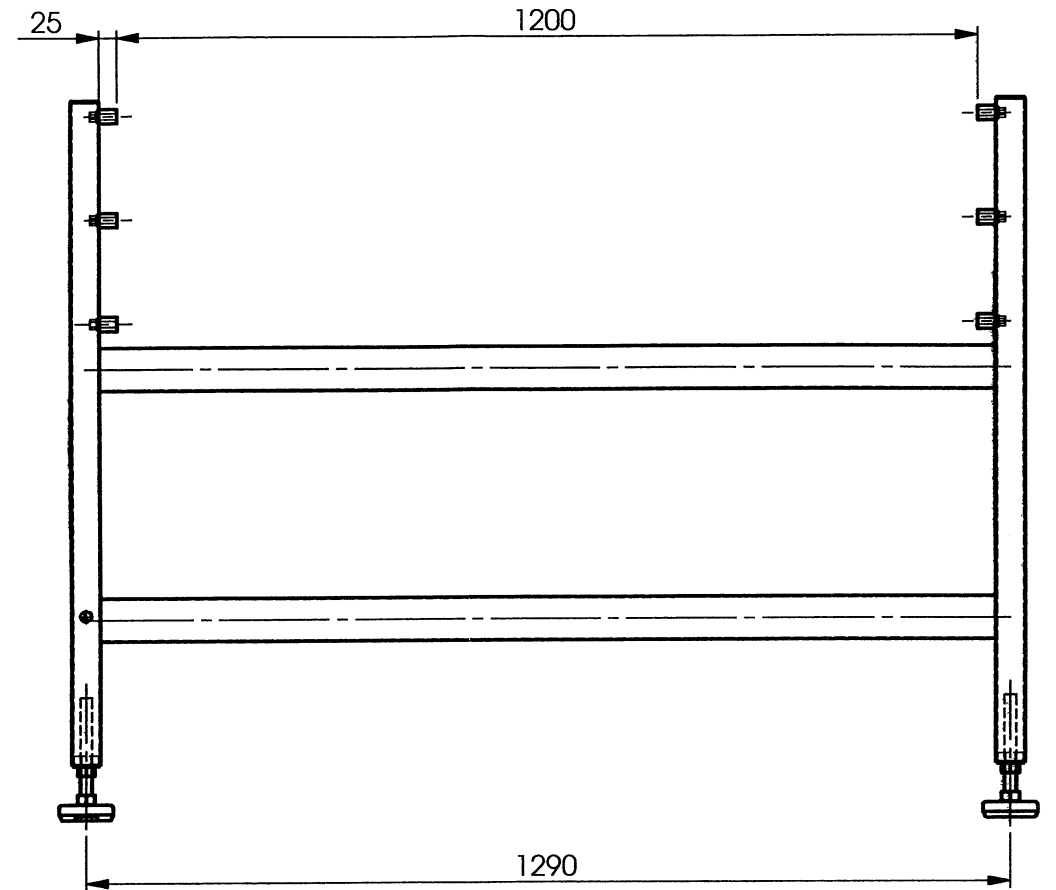
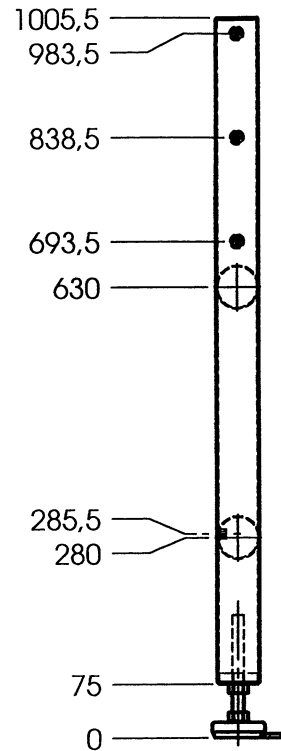
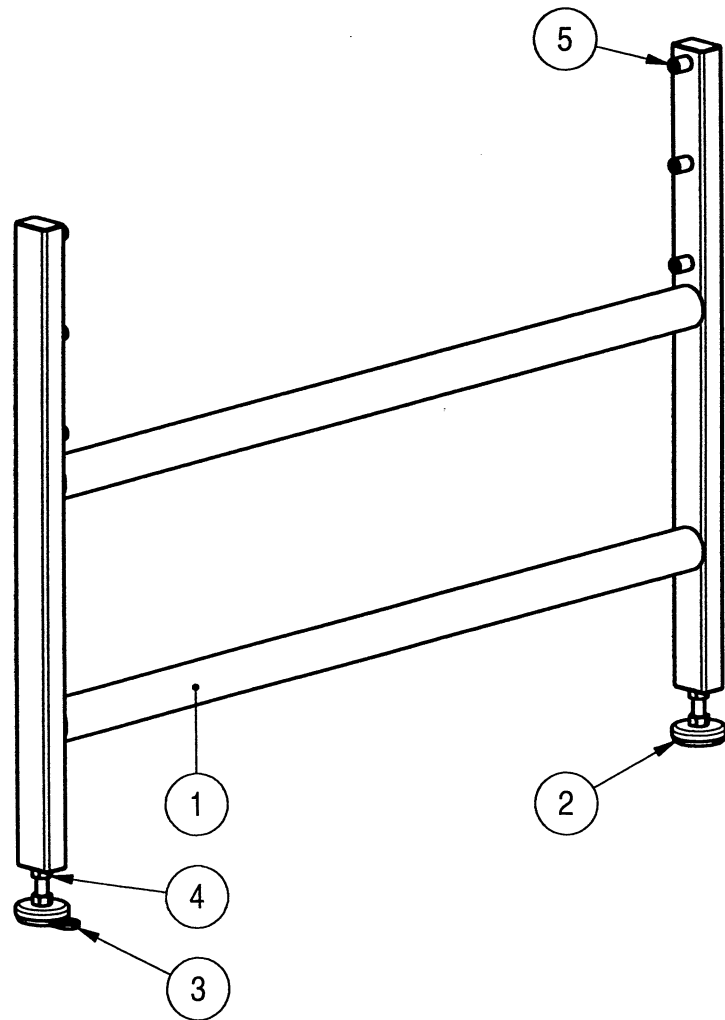
Gewijzigd tov vorige revisie:																	
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE. GELDT NIET VOOR UITGANGS MATERIAAL.	VOOR NIET	NOMINALE MAAT [mm] bij 20° GELDT NIET VOOR UITG.MATERIAAL.								VOOR NIET	NOM.LENGTE vld KORTSTE ZUDE vld HOEK (20°)				ALLE KANTEN BREKEN VLGS: R min. 0.1 mm min. E1 max45°		
	VERMELDE	BOVEN	-	6	30	120	315	1000	2000	VERMELDE	BOVEN (mm)	-	10	50	120		VLGS: max. R25 max45°
	MAATTOL.	TOT EN MET	6	30	120	315	1000	2000	-	HOEKTOL.	TOT EN MET (mm.)	10	50	120	-		
	GELDT:	TOLERANTIE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	GELDT:	TOLERANTIE (minuten)	±60'	±30'	±20'	±10'		
SCHAAL: 1:10		VORM- EN PLAATSTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365					PROJECTIE 		
GET: H. Robben																	
GEZ:		BENAMING:				Aflegbaan						AANTAL:					
DATUM: 22/02/2008																	
AFGELEID VAN:		BEHANDELING:				PROJECTNUMMER-TEKENINGNUMMER:						VERSIE:					
715519 0500199.01074 Rev2						719307 - 0500199.01108						1					
Rademaker		Specialists in food processing equipment				RADEMAKER B.V. HOLLAND						A 3					

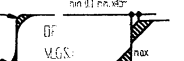
Eigendon uitdrukkel
Vernieuwing of mededeling aan derden.
In welke vorm ook, is zonder schriftelijke
toestemming van eigenares niet geoorloofd

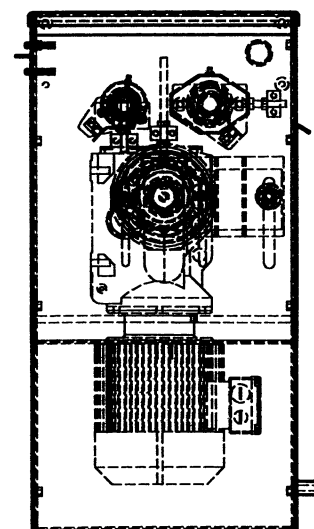
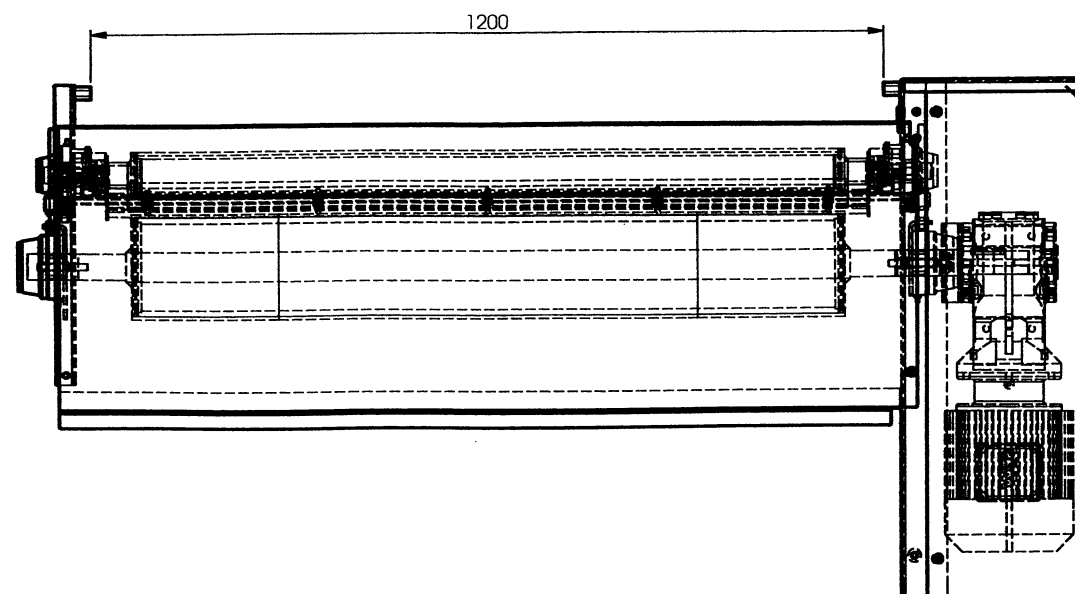
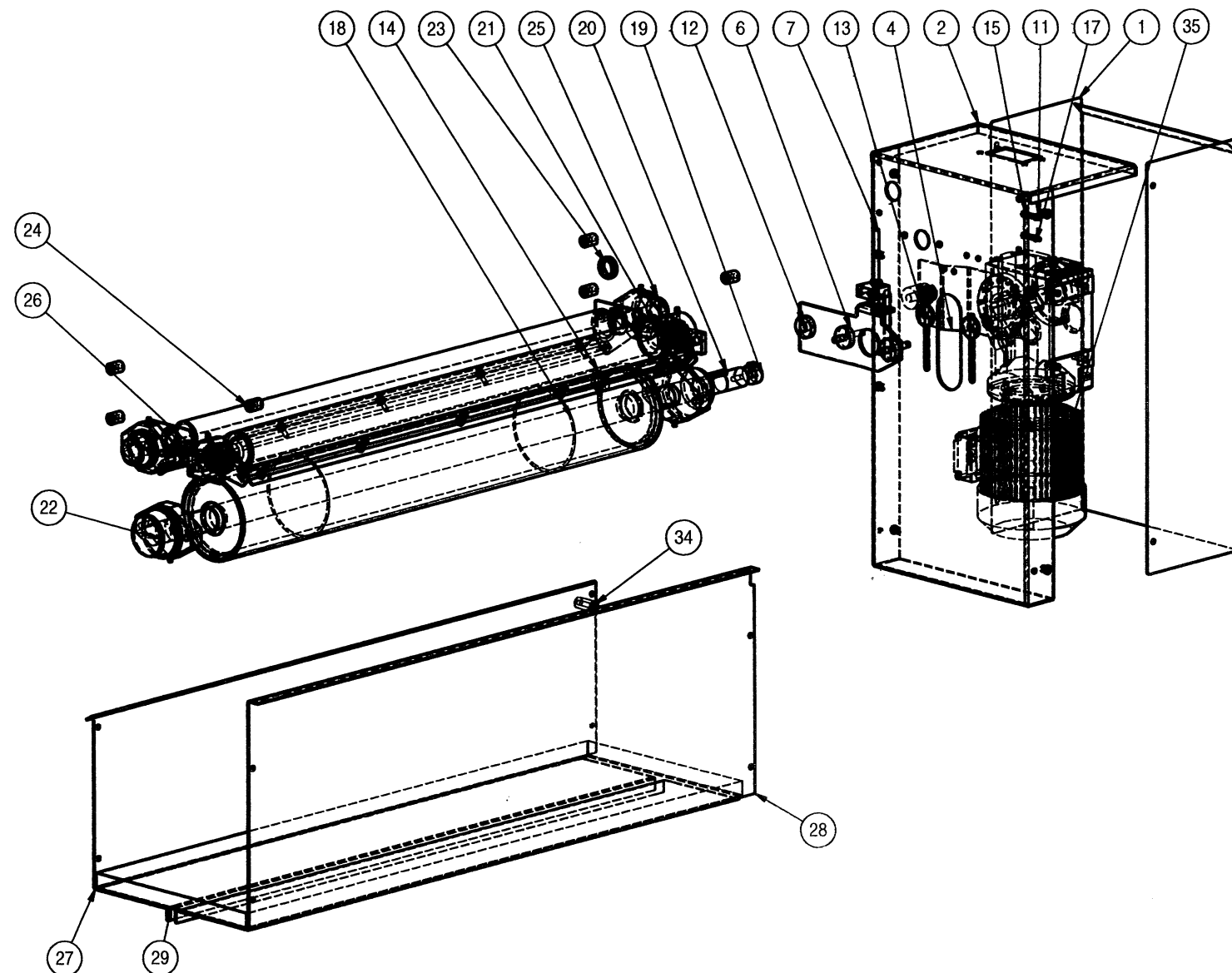
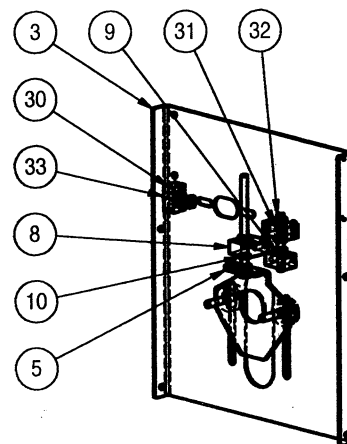


Gewijzigd tov vorige revisie:																
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE MAATTOL. GELDT:	NOMINALE MAAT (mm) bij 20° GELDT NIET VOOR UITG.MATERIAAL							VOOR NIET VERMELDE HOEKTOL. GELDT:	NOM.LENGTE v/d KORTSTE ZIJDE v/d HOEK (20°)				ALLE KANTEN BREKEN VOLGS: R min. 0.1 mm. S max. 0.4 mm. OF V.G.S.: max. 0.25 mm x 45°		
		BOVEN	-	6	30	120	315	1000		2000	BOVEN (mm)	-	10	50	120	
		TOT EN MET	6	30	120	315	1000	2000		-	TOT EN MET (mm)	10	50	120	-	
		TOLERANTIE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2		±2	TOLERANTIE (mm)	±60°	±30°	±20°	±10°	
SCHAAL: 1:10		VORM- EN PLAATSTOL. VOLGS. NEN 3311			RUWHEID VOLGS. NEN 3634			MAATTOL. VOLGS. NEN 2365					PROJECTIE 			
GET: H. Robben																
GEZ:		BENAMING: Steunpoot										AANTAL:				
DATUM: 04/02/2008																
AFGELEID VAN: 715519 0500206.33352 Rev2		BEHANDELING:					PROJECTNUMMER-TEKENINGNUMMER: 719307 - 0500206.33367					VERSIE: 1				
Rademaker		Specialists in food processing equipment					RADEMAKER B.V. HOLLAND					A 3				

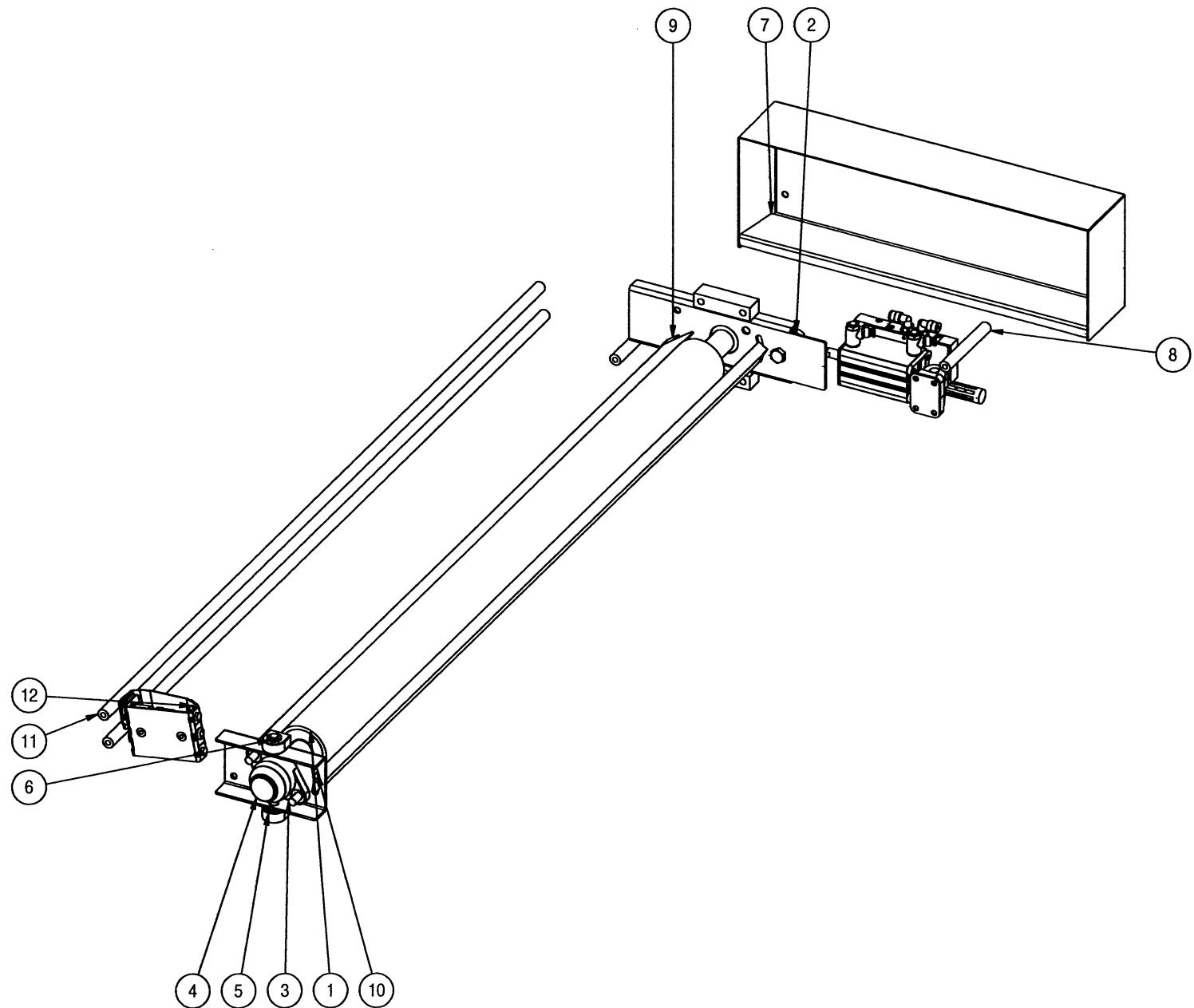
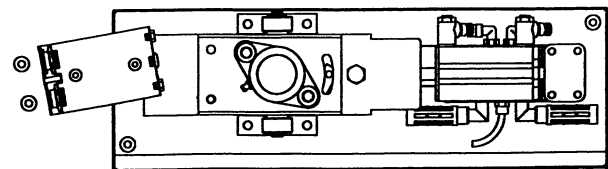
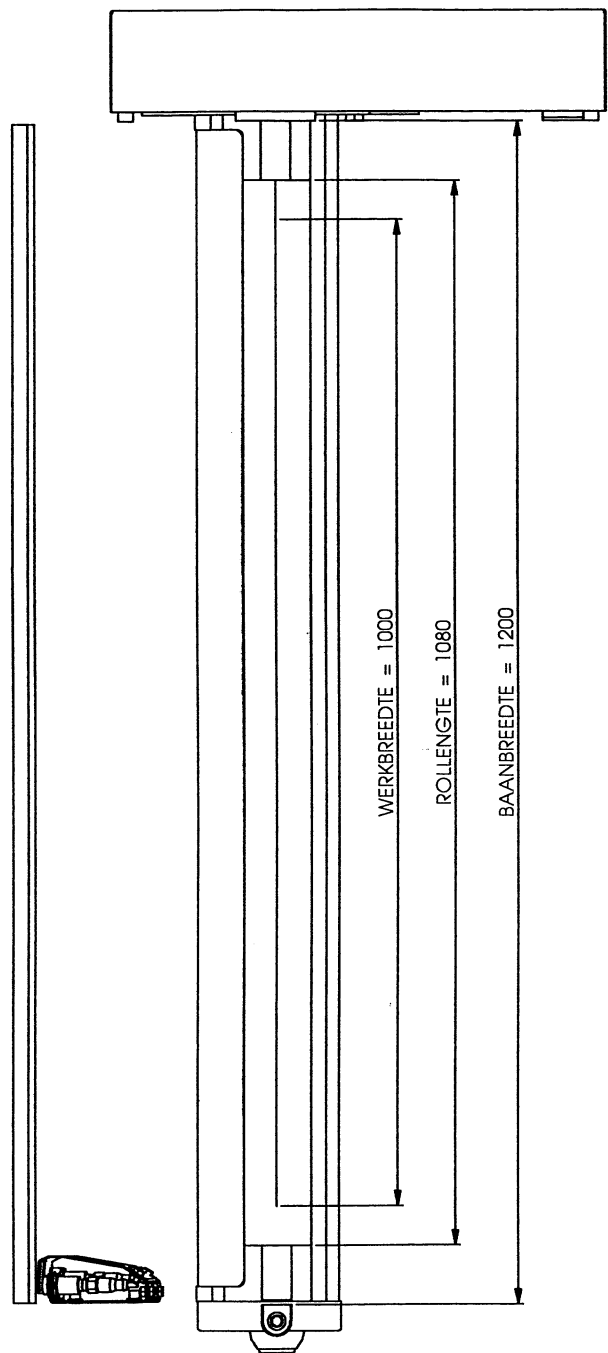
Eigendom uitdrukkelijk voorbehouden.
Vernieuwing of inbedding aan derden,
in welke vorm ook, is zonder schriftelijke
toestemming van eigenares niet geoorloofd



Gewijzigd tov vorige revisie:																	
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE MAATTOL. GELDT:	NOMINALE MAAT [mm] bij 20° GELDT NIET VOOR UITG.MATERIAAL							VOOR NIET VERMELDE HOEKTOL. GELDT:	NOM.LENGTE v/d KORTSTE ZIJDE v/d HOEK (20°)				ALLE KANTEN BREKEN V.G.S.: R min 0,1 mm. R max 0,4 mm.  OF V.G.S.: 			
		BOVEN	-	6	30	120	315	1000		2000	BOVEN (mm)	-	10			50	120
		TOT EN MET	6	30	120	315	1000	2000		-	TOT EN MET (mm)	10	50			120	-
		TOLERANTIE	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2		±2	TOLERANTIE (minuten)	±60°	±90°			±20°	±10°
SCHAAL: 1:10		VORM- EN PLAATSTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365					PROJECTIE 		
GET: H. Robben																	
GEZ:		BENAMING: Steunpoot										AANTAL:					
DATUM: 04/02/2008																	
AFGELEID VAN: 715519 0500206.33351 Rev 1		BEHANDELING:					PROJECTNUMMER-TEKENINGNUMMER: 719307 - 0500206.33366					VERSIE: 1					
Rademaker		Specialists in food processing equipment					RADEMAKER B.V. HOLLAND					A 3					



Gewijzigd tov vorige revisie:				A.L.E. ZAKEN B.V. V.O.F.			
VOOR NIET VERMELDE VOORM EN PLAASTOL. GELOFT: TOL. IS 1/3 VAN DE MAATTOLERANTIE. GELOFT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE BOVEN	NOMINALE MAAT (mm) bij 20° GELOFT NIET VOOR UITG. MATERIAAL	VERMELDE MAATTOL. GELOFT	VOOR NIET VERMELDE HOEK TOL. GELOFT	NOM. LENGTE v/h KORTSTE ZIJDE v/h HOEK (20°)	VERMELDE HOEK TOL. GELOFT	A.L.E. ZAKEN B.V. V.O.F.
	BOVEN	6 30 120 315 1000 2000	MAATTOL. GELOFT	VERMELDE HOEK TOL. GELOFT	VERMELDE HOEK TOL. GELOFT	VERMELDE HOEK TOL. GELOFT	
	TOT EN MET	6 30 120 315 1000 2000	TOLERANTIE	TOT EN MET	TOT EN MET	TOT EN MET	
	GELOFT	±0.1 ±0.2 ±0.3 ±0.5 ±1.2 ±2		GELOFT	GELOFT	GELOFT	
SCHAAL: 1:7.5	VORM- EN PLAASTOL. VOLGS. NEN 3311		RUWHEID VOLGS. NEN 3634		MAATTOL. VOLGS. NEN 2365		PROJECTIE
GET: H. Robben	BENAMING:		Aandrijfkast UDVL met bandcomp		AANTAL:		VERSIE:
GEZ:	Aandrijfkast UDVL met bandcomp		Aandrijfkast UDVL met bandcomp		Aandrijfkast UDVL met bandcomp		1
DATUM: 08/02/2008	BEHANDELING:		PROJECTNUMMER-TEKENINGNUMMER:		Aandrijfkast UDVL met bandcomp		
AFGELEID VAN:	0500331.44166 Rev 8		719307 - 0500331.44257		Aandrijfkast UDVL met bandcomp		
Rademaker		Specialists in food processing equipment		RADEMAKER B.V. HOLLAND		A 2	



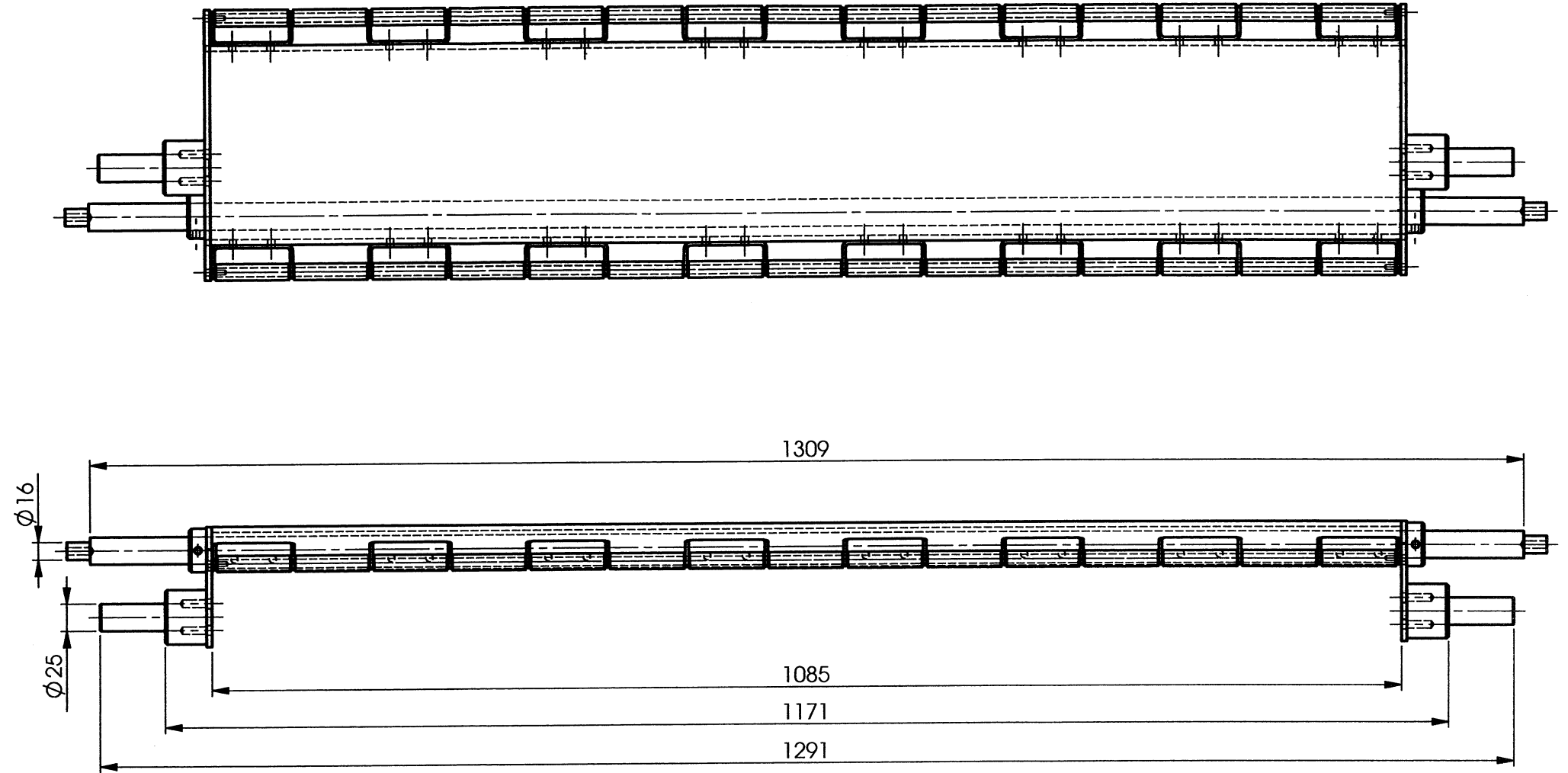
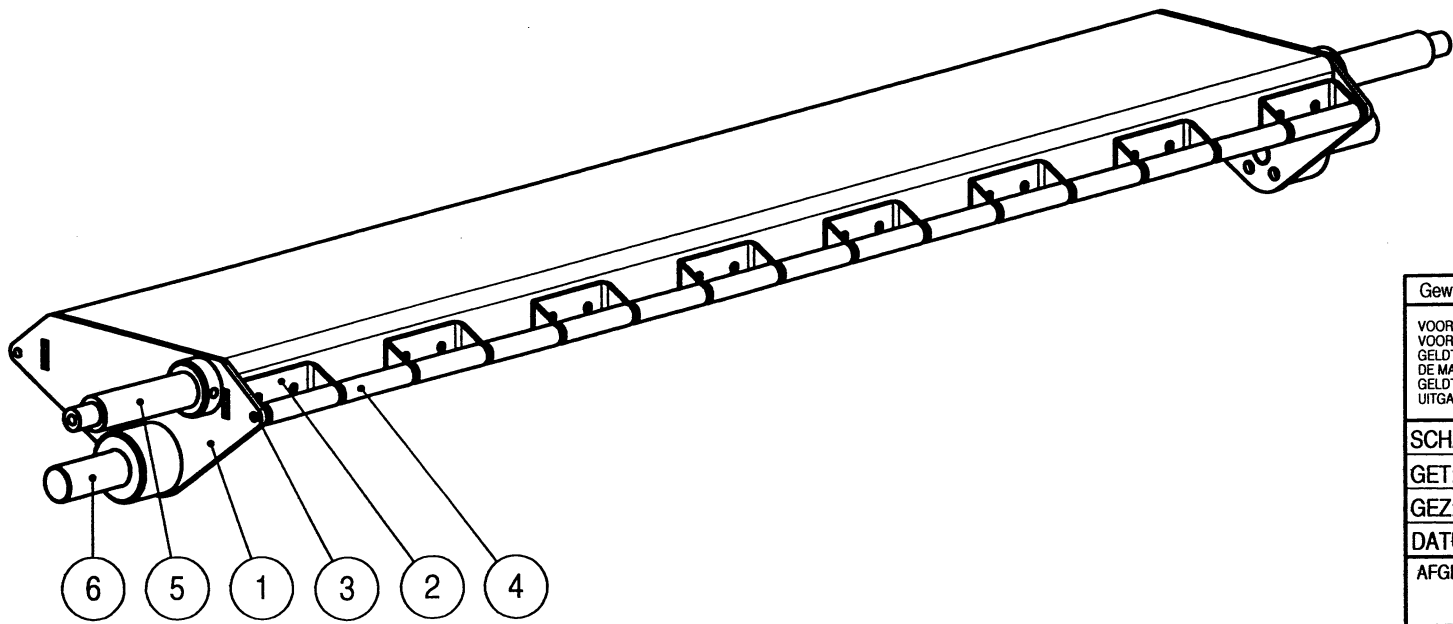
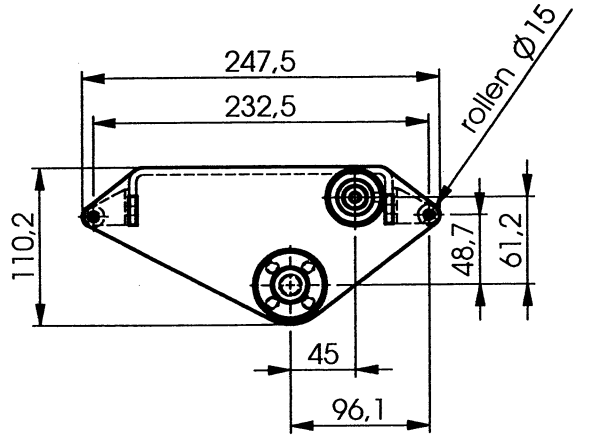
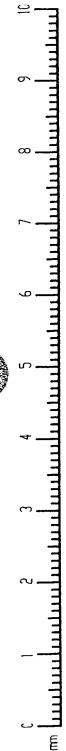
Zie samenstellingtekening van 0600499.00184 voor afstelinstruktie van naderingsschakelaars

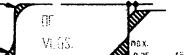
Gewijzigd tov vorige revisie:																		
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOEGEVANTIE. GELDT NIET VOOR UITGANGSMATERIAAL.	VOOR NIET VERMELDE	NOMINALE MAAT (mm) bij 20° GELDT NIET VOOR UITG. MATERIAAL						VOOR NIET VERMELDE	NOM. LENGTE VAN KORTSTE ZIJDE VAN HOEK (20°)		ALLE KANTEN BROEKEN (V.S.): Facelina max 2mm vdr							
	BOVEN		6	30	120	315	1000	2000	BOVEN (mm)		6	30	120	315	1000	2000	Facelina max 2mm vdr	
	TOT EN MET	6	30	120	315	1000	2000		HOEKTOL.	TOT EN MET (mm)	6	30	120				Facelina max 2mm vdr	
	GELDT:	TOLERANTIE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	GELDT:	TOLERANTIE (mm)	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	Facelina max 2mm vdr
	SCHAAL: 1:5	VORM- EN PLAATSTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365				 PROJECTIE 				
GET: H. Robben	BENAMING: Automatische bandst. D4W												AANTAL:					
GEZ:																		
DATUM: 11/02/2008																		
AFGELEID VAN: 0600406.01176 Rev 2	BEHANDELING:						PROJECTNUMMER-TEKENINGNUMMER: 719307 - 0600406.01176-2				VERSIE: 1							
Rademaker		Specialists in food processing equipment				RADEMAKER B.V. HOLLAND						A 2						

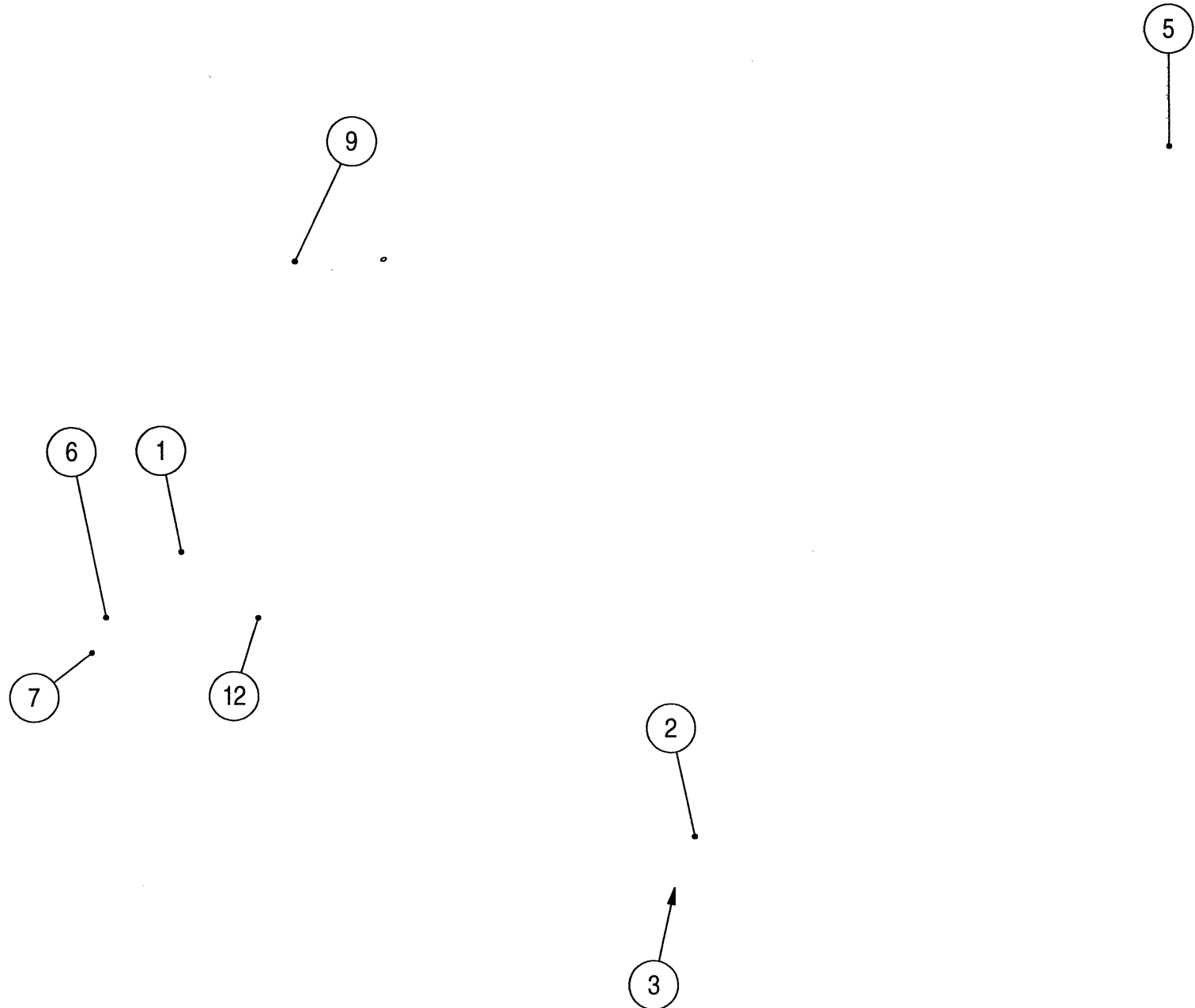
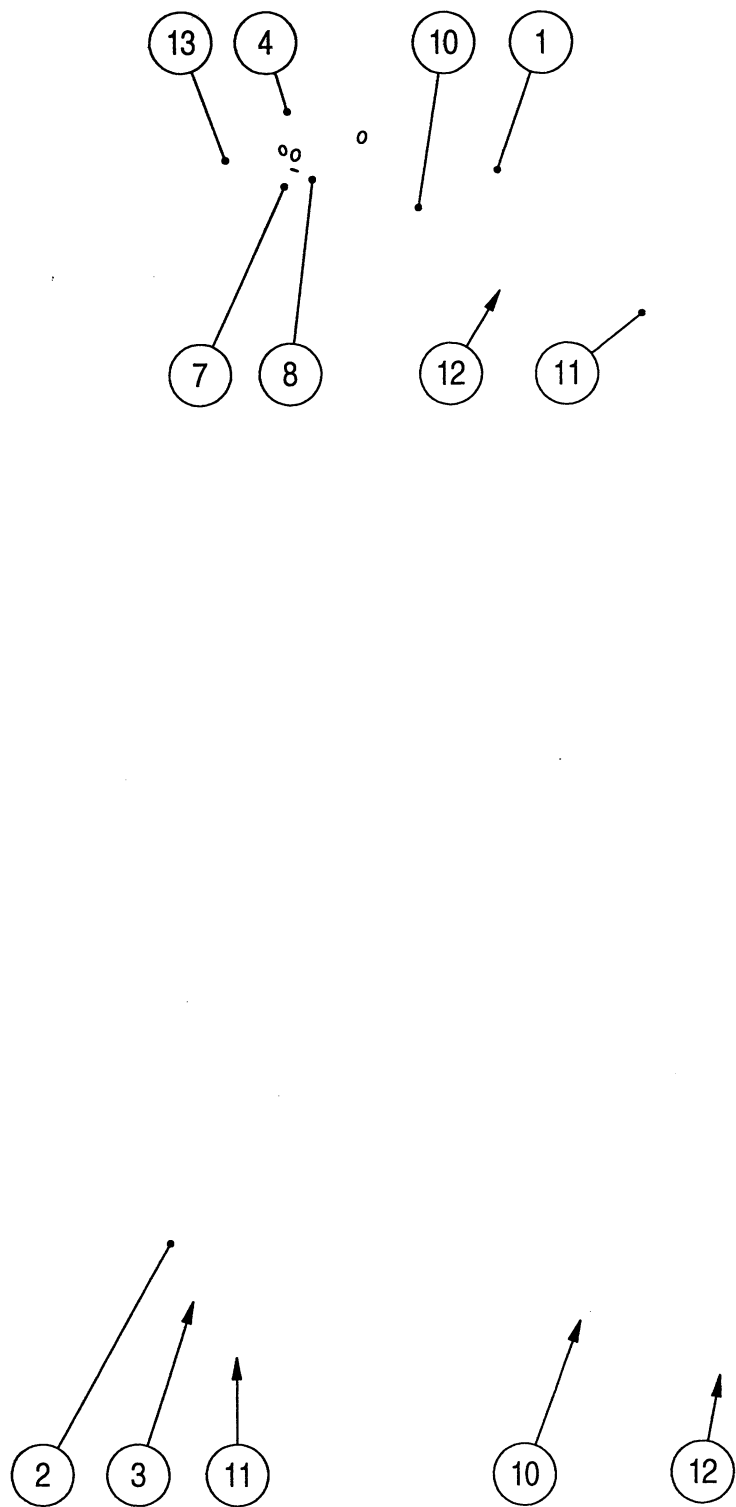
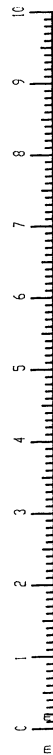


Eigendom van Rademaker B.V.
 Veranderingen of afwijkingen van tekening zijn niet toegestaan.
 Het is niet toegestaan de tekening te kopiëren of te verspreiden.

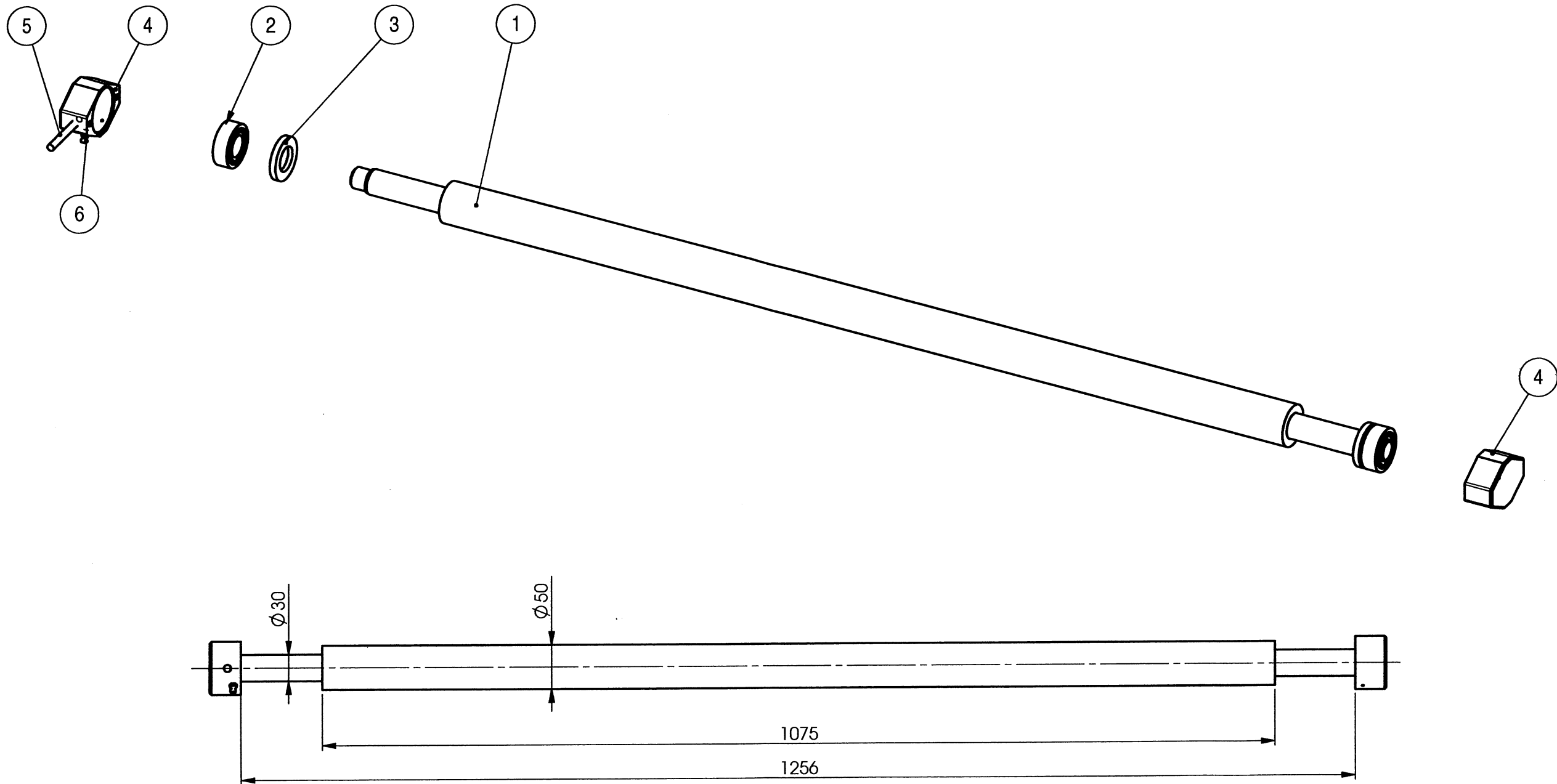
2. Indien uitdrukkelijk behouden.
Vernieuwing of mededinging aan derden.
in welke vorm ook, is zonder schriftelijke
toestemming van eigenares niet geoorloofd



Gewijzigd tov vorige revisie:															
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE	NOMINALE MAAT [mm] bij 20° GELDT NIET VOOR UITG.MATERIAAL							VOOR NIET VERMELDE	NOM.LENGTE v/d KORTSTE ZIJDE v/d HOEK (20°)				ALLE KANTEN BREKEN VOLGS: R min. 0.1 mm max. 0.3 mm x 45°	
	BOVEN	-	6	30	120	315	1000	2000	BOVEN (mm)	-	10	50	120		
	TOT EN MET	6	30	120	315	1000	2000	-	HOEKTOL.	TOT EN MET (mm)	10	50	120		
	GELDT:	TOLERANTIE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	GELDT:	TOLERANTIE (minuten)	±60°	±30°	±20°	±10°
SCHAAL: 1:5		VORM- EN PLAATSTOL. VOLGS. NEN 3311			RUWHEID VOLGS. NEN 3634			MAATTOL. VOLGS. NEN 2365					PROJECTIE		
GET: H. Robben															
GEZ:		BENAMING: Mesovername kantelunit								AANTAL:					
DATUM: 20/02/2008															
AFGELEID VAN:		BEHANDELING:					PROJECTNUMMER-TEKENINGNUMMER: 719307 - 0600899.00115					VERSIE: 1			
Rev															
Rademaker		Specialists in food processing equipment					RADEMAKER B.V. HOLLAND					A 3			

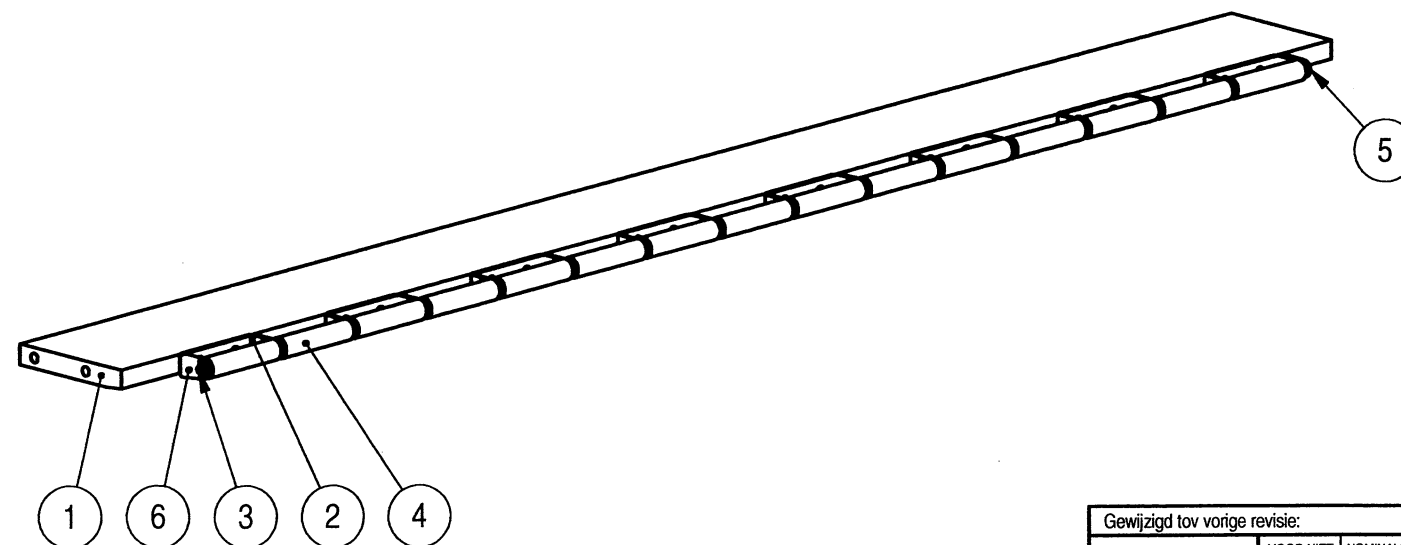
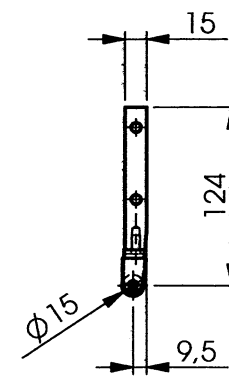


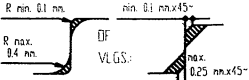
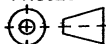
Gewijzigd tov vorige revisie:																	
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE MAATTOL. GELDT:	NOMINALE MAAT [mm] bij 20° GELDT NIET VOOR UITG.MATERIAAL								VOOR NIET VERMELDE HOEKTOL. GELDT:	NOM.LENGTE v/d KORTSTE ZIJDE v/d HOEK (20°)				ALLE KANTEN BREKEN V.G.S:		
		BOVEN	-	6	30	120	315	1000	2000		BOVEN (mm)	-	10	50	120	R min 0,1 mm	min 0,1 mm v/d
		TOT EN MET	6	30	120	315	1000	2000	-		TOT EN MET (mm)	10	50	120	-	R max 0,4 mm	max 0,3 mm v/d
		TOLERANTIE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2		TOLERANTIE (minuten)	±60°	±30°	±20°	±10°	V.G.S:	
SCHAAL: 1:5		VORM- EN PLAATSTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365				CAD		PROJECTIE	
GET: H. Robben		BENAMING: Subass. Knikrol Ø50 + schraper													AANTAL:		
GEZ:																	
DATUM: 06/02/2008																	
AFGELEID VAN: 0600499.00026 Rev 4		BEHANDELING:				PROJECTNUMMER-TEKENINGNUMMER: 719307 - 0600499.00193						VERSIE: 1					
Rademaker		Specialists in food processing equipment				RADEMAKER B.V. HOLLAND										A 3	



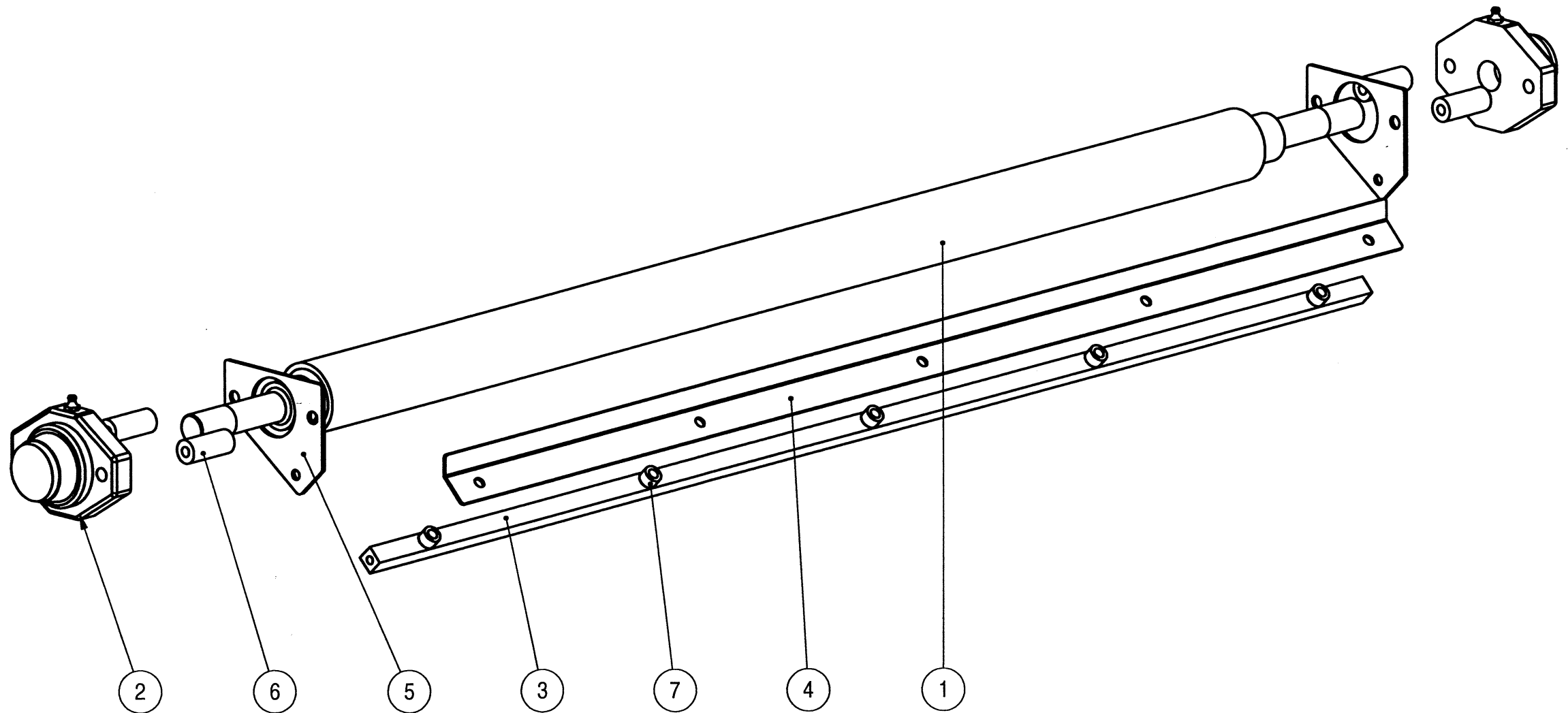
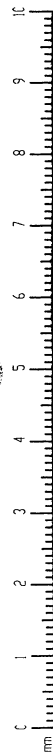
Gewijzigd tov vorige revisie:																	
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE MAATTOL. GELDT:	NOMINALE MAAT [mm] bij 20° GELDT NIET VOOR UITG.MATERIAAL							VOOR NIET VERMELDE	NOM.LENGTE vld KORTSTE ZIJDE vld HOEK (20°)			ALLE KANTEN BREKEN VLGS: R min. 0,1 mm.				
		BOVEN	-	6	30	120	315	1000	2000	BOVEN (mm)	-	10	50	120	min. 0,1 mm x 45°		
		TOT EN MET	6	30	120	315	1000	2000	-	HOEK.TOL.	10	50	120	-	R max. 0,4 mm.		
		TOLERANTIE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	GELDT:	TOLERANTIE (minuten)	±60°	±30°	±20°	±10°	max. 0,25 mm x 45°	
SCHAAL: 1:5		VORM- EN PLAATSTOL. VOLGS. NEN 3311					RUWHEID VOLGS. NEN 3634			MAATTOL. VOLGS. NEN 2365				PROJECTIE 			
GET: H. Robben																	
GEZ:		BENAMING: Subass. knikrol Ø50											AANTAL:				
DATUM: 06/02/2008																	
AFGELEID VAN: 0600499.00024 Rev 3		BEHANDELING:					PROJECTNUMMER-TEKENINGNUMMER: 719307 - 0600499.00195					VERSIE: 1					
Rademaker		Specialists in food processing equipment					RADEMAKER B.V. HOLLAND					A 3					

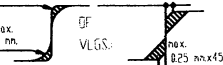
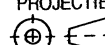
Eigendom uitdrukkelijk voorbehouden.
Vernieuwing of mededeling aan derden,
in welke vorm ook, is zonder schriftelijke
toestemming van eigenares niet geoorloofd

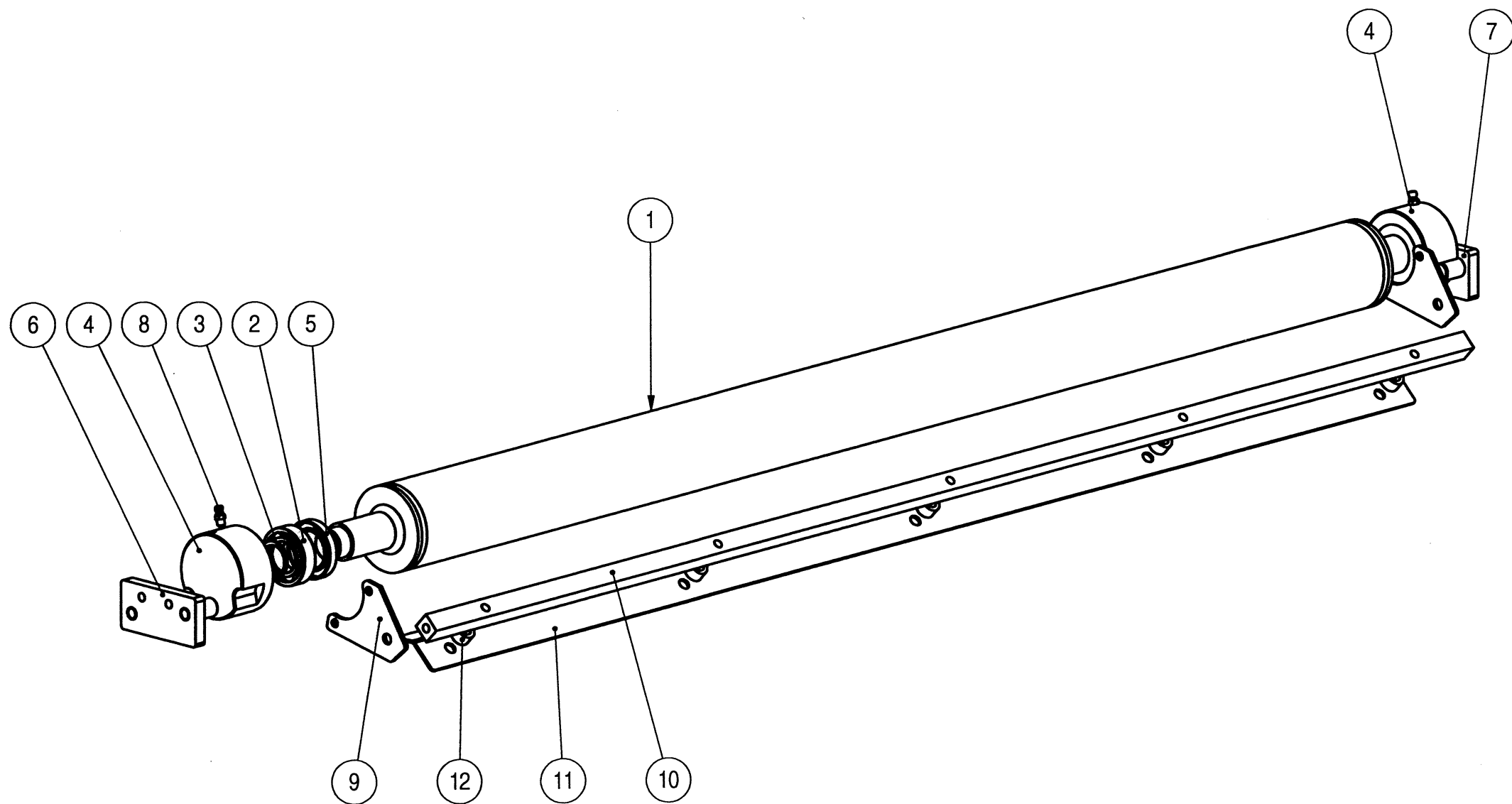


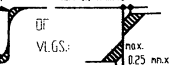
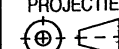
Gewijzigd tov vorige revisie:																			
VOOR NIET VERMEDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL		VOOR NIET VERMEDE MAATTOL. GELDT:	NOMINALE MAAT [mm] bij 20° GELDT NIET VOOR UITG.MATERIAAL:								VOOR NIET NOM.LENGTE v/d KORTSTE ZIJDE v/d HOEK (20°)				ALLE KANTEN BREKEN VLGS: 				
			BOVEN								BOVEN (mm)				BOVEN (mm)				
			TOT EN MET								TOT EN MET (mm)				TOT EN MET (mm)				
			TOLERANTIE								TOLERANTIE (mm)				TOLERANTIE (mm)				
SCHAAL: 1:5				FORM- EN PLAATSTOL VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365						PROJECTIE 	
GET: H. Robben				BENAMING:				Aflegneus								AANTAL:			
GEZ:																			
DATUM: 04/02/2008																			
AFGELEID VAN:				BEHANDELING:				PROJECTNUMMER-TEKENINGNUMMER:								VERSIE:			
715519 0600899.00046 Rev 1								719307 - 0600899.00114								1			
				Specialists in food processing equipment				 RADEMAKER B.V. HOLLAND								A 3			

Eigendom uitdrukkelijk voorbehouden.
Vernieuwing of mededeling aan derden.
In welke vorm ook, is zonder schriftelijke
toestemming van eigenares niet geoorloofd

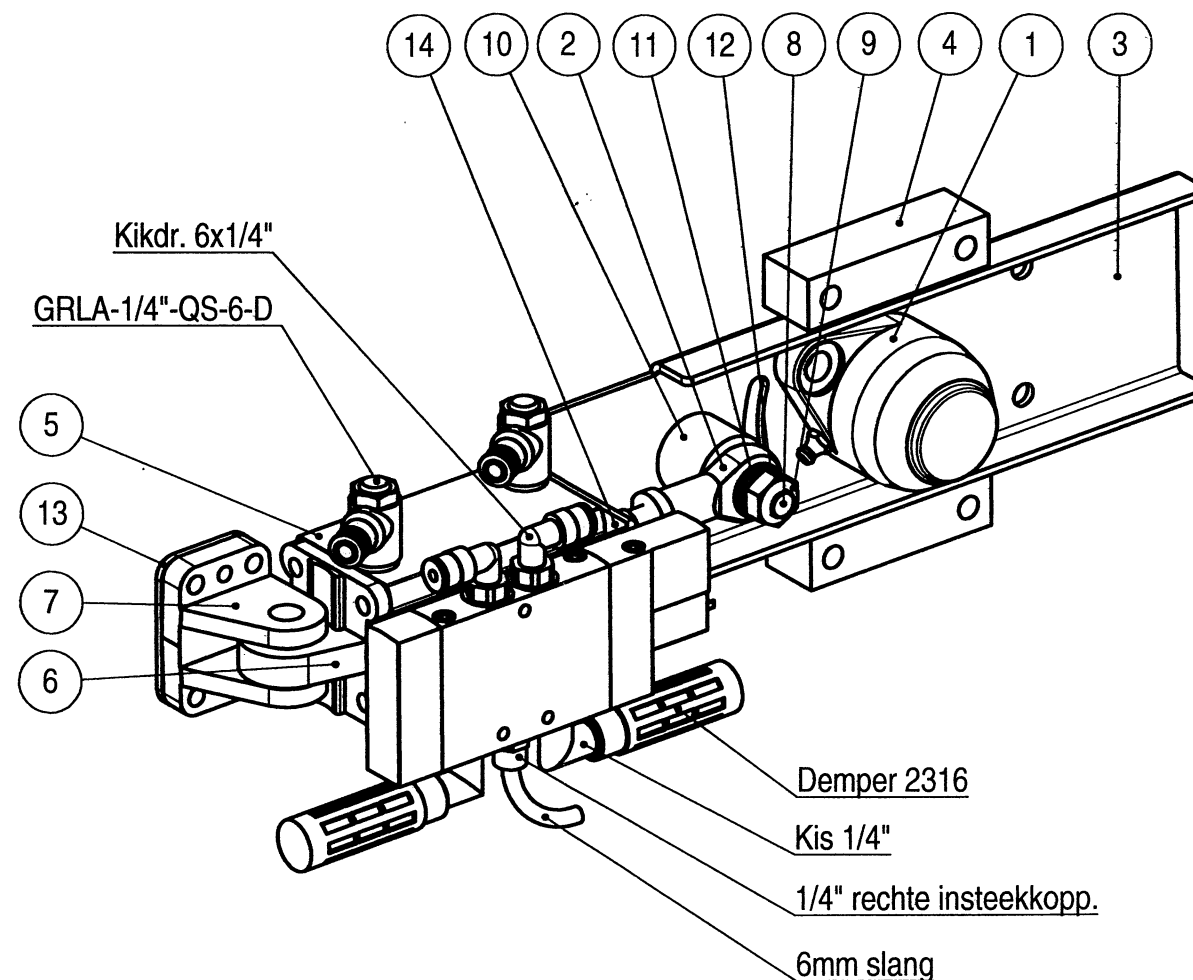
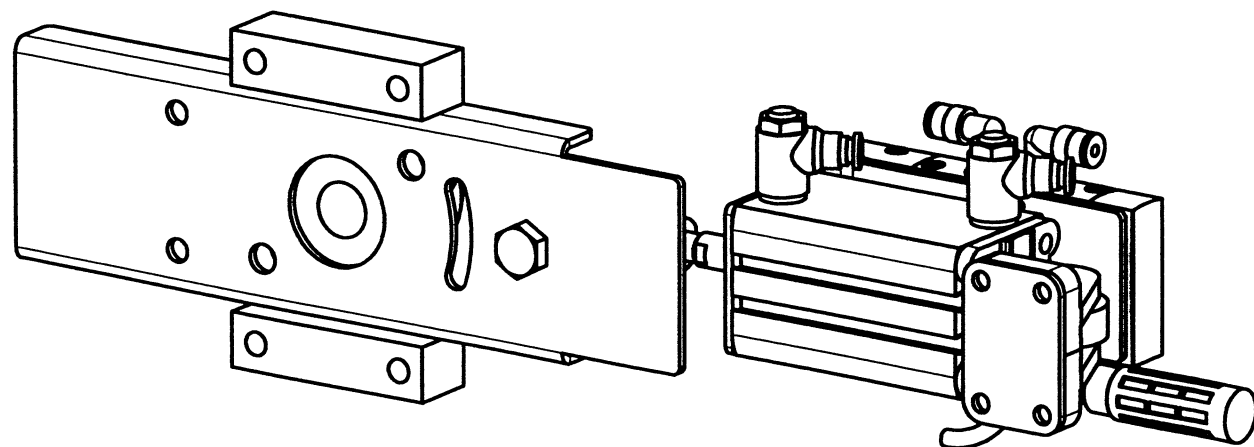
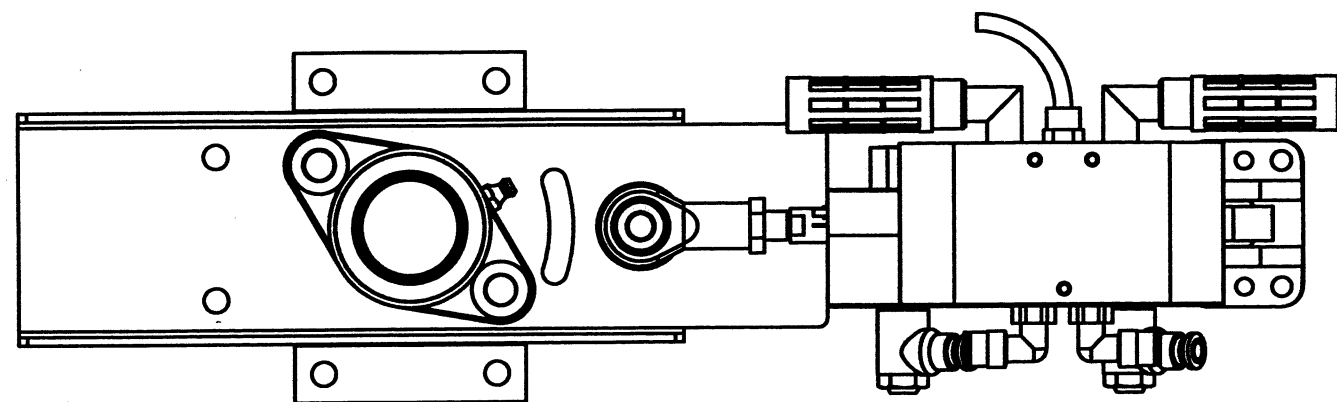
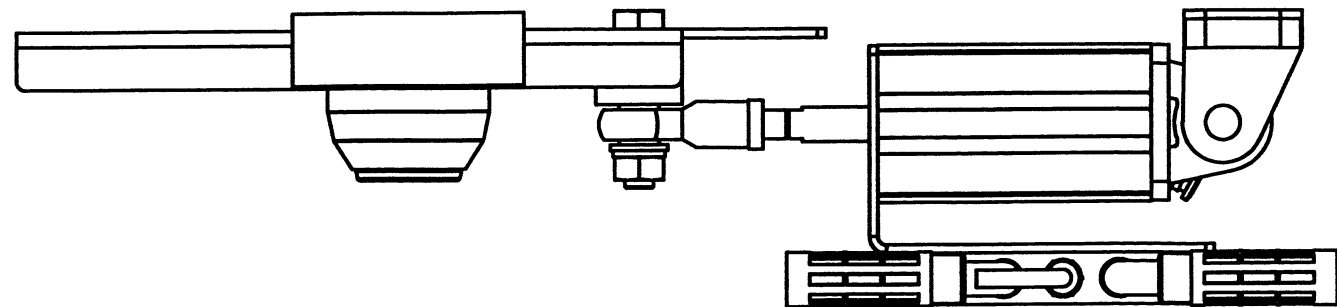


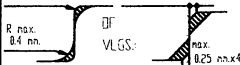
Gewijzigd tov vorige revisie:																	
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE MAATTOL. GELDT:	NOMINALE MAAT (mm) bij 20° GELDT NIET VOOR UITG.MATERIAAL							VOOR NIET VERMELDE HOEKTOL. GELDT:	NOM.LENGTE vld KORTSTE ZIJDE vld HOEK (20°)				ALLE KANTEN BREKEN VLGS. R min 0.1 mm min 0.1 max 45° OF VLGS. R max 0.4 mm max 45° 			
		BOVEN	-	6	30	120	315	1000		2000	BOVEN (mm)	-	10			50	120
		TOT EN MET	6	30	120	315	1000	2000		-	TOT EN MET (mm)	10	50			120	-
		TOLERANTIE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2		±2	TOLERANTIE (minuten)	±60°	±30°			±20°	±10°
SCHAAL: 1:4		VORM- EN PLAATSTOL. VOLGS. NEN 3311			RUWHEID VOLGS. NEN 3634			MAATTOL. VOLGS. NEN 2365				PROJECTIE 					
GET: H. Robben																	
GEZ:		BENAMING: Samenstel. Omlooprol								AANTAL:							
DATUM: 08/02/2008																	
AFGELEID VAN: 0500399.00054 Rev2		BEHANDELING:					PROJECTNUMMER-TEKENINGNUMMER: 719307 - 0500399.00054					VERSIE: 1					
Rademaker		Specialists in food processing equipment					RADEMAKER B.V. HOLLAND					A 3					

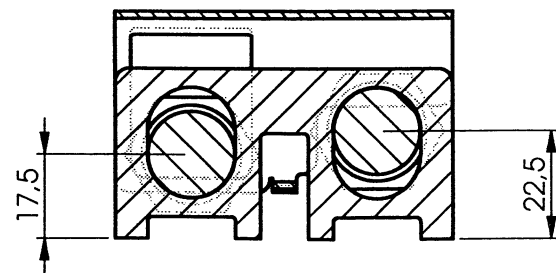


Gewijzigd tov vorige revisie:																	
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE MAATTOL. GELDT:	NOMINALE MAAT (mm) bij 20° GELDT NIET VOOR UITG.MATERIAAL								VOOR NIET VERMELDE HOEKTOL. GELDT:	NOM.LENGTE w/d KORTSTE ZIJDE w/d HOEK (20°)				ALLE KANTEN BREKEN VLGS: R min. 0,1 mm min. 0,1 mm x 45° VLGS: max. 0,25 mm x 45° 		
		BOVEN	-	6	30	120	315	1000	2000		BOVEN (mm)	-	10	50			120
		TOT EN MET	6	30	120	315	1000	2000	-		TOT EN MET (mm.)	10	50	120			-
		TOLERANTIE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2		TOLERANTIE (minuten)	±60°	±30°	±20°			±10°
SCHAAL: 1:4		VORM- EN PLAATSTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365							
GET: H. Robben																	
GEZ:		BENAMING: Uitneembare rol										AANTAL:					
DATUM: 08/02/2008																	
AFGELEID VAN: 0500399.00055 Rev6		BEHANDELING:					PROJECTNUMMER-TEKENINGNUMMER: 719307 - 0500399.00055					VERSIE: 1					
		Specialists in food processing equipment					 RADEMAKER B.V. HOLLAND					A 3					

Eigendom uitdrukkelijk behouden.
Vernieuwingsrecht of mededeling aan derden,
in welke vorm ook, is zonder schriftelijke
toestemming van eigenares niet geoorloofd.

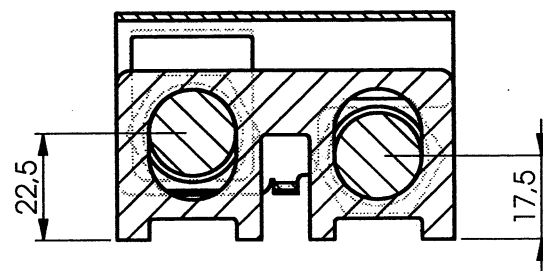


Gewijzigd tov vorige revisie:																
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAAT.TOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL.	VOOR NIET VERMELDE MAATTOL. GELDT:	NOMINALE MAAT [mm] bij 20° GELDT NIET VOOR UITG.MATERIAAL							VOOR NIET VERMELDE HOEKTOL. GELDT:	NOM.LENGTE vld KORTSTE ZIJDE vld HOEK (20°)				ALLE KANTEN BREKEN VLGS: R min. 0,1 mm. R max. 0,4 mm.		
		BOVEN	-	6	30	120	315	1000		2000	BOVEN (mm)	-	10	50	120	
		TOT EN MET	6	30	120	315	1000	2000		-	TOT EN MET (mm)	10	50	120	-	
		TOLERANTIE	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2		±2	TOLERANTIE (minder)	±60°	±30°	±20°	±10°	
SCHAAL: 1:2,5		VORM- EN PLAATSTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365					PROJECTIE	
GET: Carl Weeda																
GEZ:		BENAMING: Cilinderzijde slag 50										AANTAL:				
DATUM: 14/02/2007																
AFGELEID VAN:		BEHANDELING:					PROJECTNUMMER-TEKENINGNUMMER: - 0600499.00135					VERSIE: 1				
Rev																
Rademaker		Specialists in food processing equipment					RADEMAKER B.V. HOLLAND					A 3				



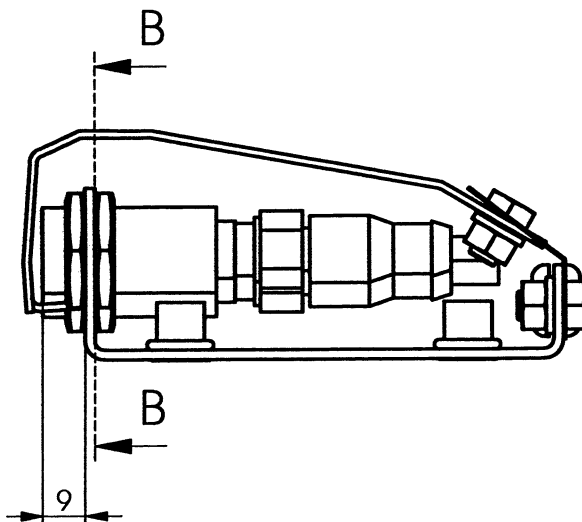
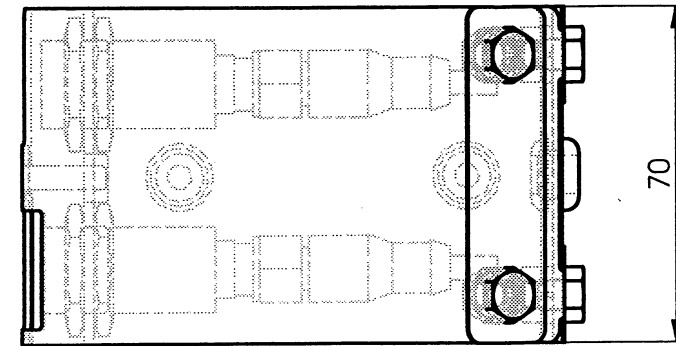
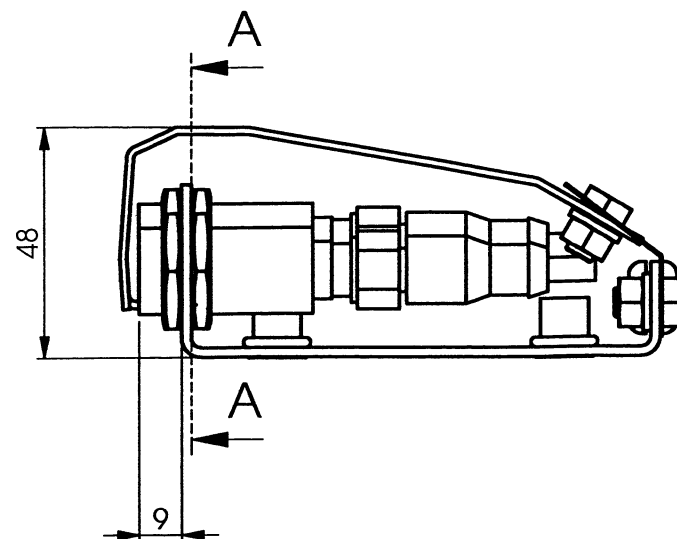
SECTION A-A

Situatie 1:
Schakelaars gemonteerd met minimale
schakeldifferentiatie.
(bandzweving is minimaal)



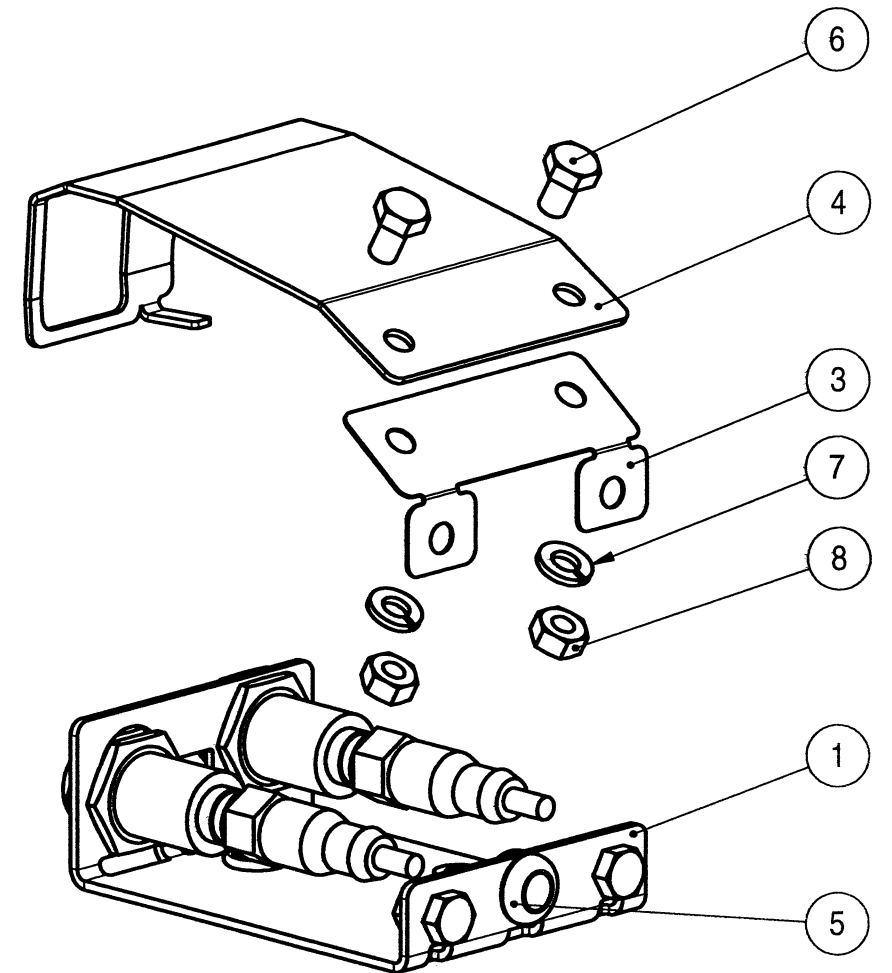
SECTION B-B

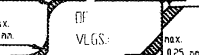
Situatie 2:
Schakelaars gemonteerd met maximale
schakeldifferentiatie.
(bandzweving is maximaal)



Standaard monteren volgens situatie 1.
Is de band niet te sturen, dan monteren
volgens situatie 2.

Eerst naderingsschakelaar + kabel monteren,
vervolgens schakelvaan monteren!

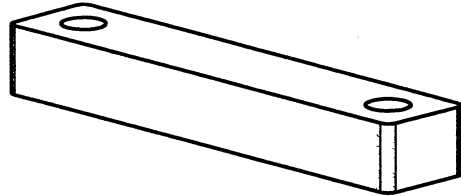
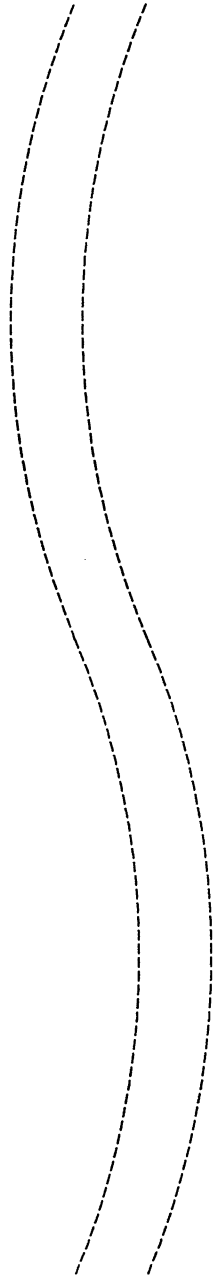
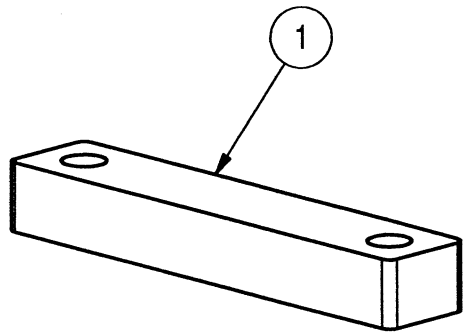
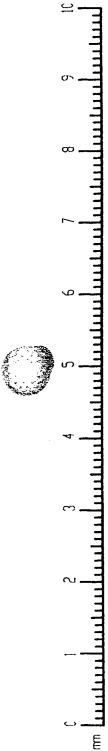


Gewijzigd tov vorige revisie:																		
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE MAATTOL. GELDT:	NOMINALE MAAT (mm) bij 20° GELDT NIET VOOR UITG.MATERIAAL							VOOR NIET VERMELDE HOEKTOL. GELDT:	NOM.LENGTE v/d KORTSTE ZIJDE v/d HOEK (20°)				ALLE KANTEN BREKEN VLGS: R min. 0,1 mm n.n. 0,1 mm x 15°  R max 0,4 mm VLGS:				
		BOVEN								BOVEN (mm)								
		TOT EN MET								TOT EN MET (mm)								
		TOLERANTIE								TOLERANTIE (minuten)								
		-	6	30	120	315	1000	2000		-	10	50	120					
		6	30	120	315	1000	2000	-		10	50	120	-					
		±0,1	±0,2	±0,3	±0,5	±0,8	±1,2	±2		±60°	±30°	±20°	±10°					
SCHAAL: 1:1,5		VORM- EN PLAATSTOL. VOLGS. NEN 3311					RUWHEID VOLGS. NEN 3634					MAATTOL. VOLGS. NEN 2365						
GET: R. Buikema																		
GEZ:		BENAMING: Subass. Signaleringsplaat												AANTAL:				
DATUM: 04/12/2007																		
AFGELEID VAN:		BEHANDELING:					PROJECTNUMMER-TEKENINGNUMMER: - 0600499.00184							VERSIE: 1				
Rev																		
Rademaker		Specialists in food processing equipment					RADEMAKER B.V. HOLLAND							A 3				

DOCUMENTATION VIA INTERNET

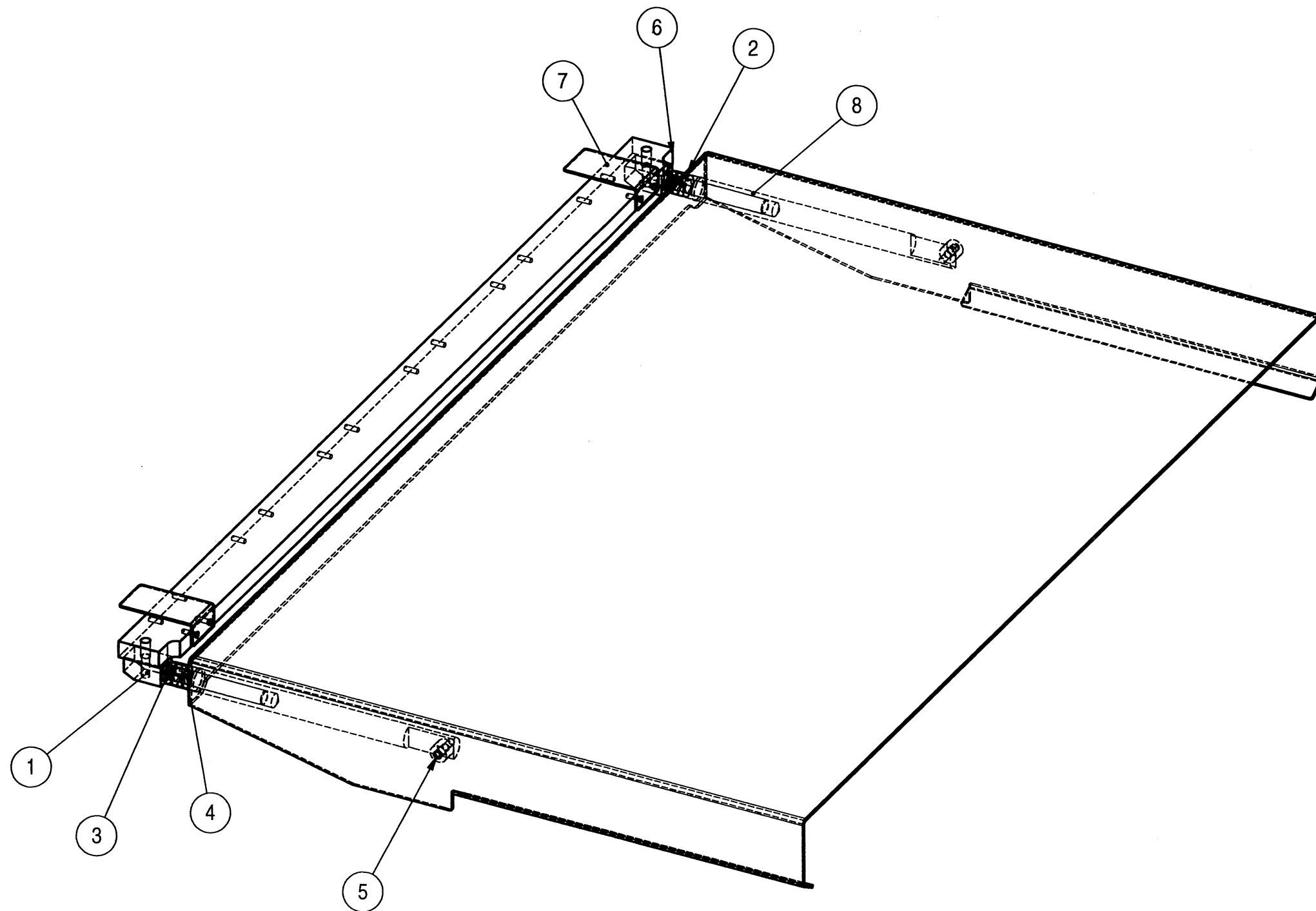
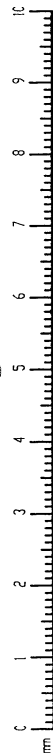
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1	ABM	www.abm-antriebe.de	Motorreductors			No documentation available yet	
2	Allen Bradley	www.ab.com	Servo motors			MP serie Installation instructions	http://www.ab.com/manuals/gmc/MP-IN001D-EN-P-AUG01.pdf
3	Allen Bradley	www.ab.com	Frequency inverters			Powerflex 70 User manual	http://www.ab.com/manuals/drip/20A-UM001F-EN-P.pdf
4	Allen Bradley	www.ab.com	Frequency inverters			Powerflex 4 User manual	http://files.awdm.com/e-files/ra/22a/22a-um001d-en-e.pdf
5	Allen Bradley	www.ab.com	Servo controller			1394C Sercos Installation manual	http://www.ab.com/manuals/gmc/1394-5-20-JUL01.pdf
6	Allen Bradley	www.ab.com	Digital Servo Drive			Ultra 3000 Installation manual	http://www.ab.com/manuals/gmc/2098-IN003D-EN-P-MAY03.pdf
7	Allen Bradley	www.ab.com	PLC			FlexLogix 1794 Installation instructions	http://www.ab.com/manuals/1794-in002g-en-p.pdf
8	Allen Bradley	www.ab.com	PLC			ControlLogix 1756 Installation instructions	http://www.ab.com/manuals/cl/1756-in101h-en-p.pdf
9	Allen Bradley	www.ab.com	Analoge output module			24Vdc Flex IO B series Installation instructions	http://www.ab.com/manuals/io/1794/1794-in004a-en-p.pdf
10	Allen Bradley	www.ab.com	PLC chassis			ControlLogix Chassis 1756 B series Installation instructions	http://www.ab.com/manuals/cl/1756-in080b-en-p.pdf
11	Ammeraal	www.ammeraalbeltech.com	Transport belts			No documentation available yet	
12	Ashworth	www.ashworth.com	Transport belts			Cleatrac CTB Assembly instructions	http://www.ashworth.com/docs/83853AM_cleatrac_assemblyinstr015a.pdf
13	Ashworth	www.ashworth.com	Transport belts			Cleatrac CTB Technical bulletin	http://www.ashworth.com/docs/85957AM_cleatrac_techbul033r.pdf
14	Baldor servo	www.baldor.com	Servo controller			SBSC 1000/1100 series Installation and operating manual	http://www.baldor.com/pdf/manuals/1204-994.pdf
15	BDL	www.bldrummotors.com	Drum motors			Select download	http://www.bldrummotors.com/viewproduct.php?product_id=13&language_id=5
16	BEKA	www.beka.nl	Lubrication systems			No documentation available yet	
17	Blacoh	www.blacoh.com	Dampeners			Select type	http://www.blacoh.com/infodownloads.html
18	Bosch	www.boschrexroth.nl					
19	Chevron	www.chevron.com	Lubrication			MSDS sheet Chevron FM Greases EP	http://library.cbest.chevron.com/lubes/ehlchevmsdsv9.nsf/a37a566cb6e34c88882569cf0002e997/18b2cdc2f96b803788256b05005dba49?OpenDocument
20	Control Techniques	www.controltechniques.com	Frequency inverters			Commander SE User guide	http://www.controltechniques.co.uk/bin/manuals/cse/cseug8.pdf
21	Demag	www.demag.nl	Hoisting equipment			DH Hoist units Operating instructions	http://www.demag-hoistdesigner.de/hdo/hfd_zus/PDF/EN/21439144.pdf
22	Derco	www.derco.nl	Transport belts			Select type	http://www.derco.nl/products/food.asp
23	DTE	www.dte-engineering.com	Water heaters			No documentation available yet	
24	Duramatic	www.durant.com	Counters	regenbui	visser	Ambassador series 5760 Installation and operation manual	http://www.cutler-hammer.eaton.com/unsecure/cms/157600-905-03.PDF
25	Festo	www.festo.com	Compressed air service units			Compressed air quality ensured good quality food	http://a1989.g.akamai.net/1/1989/7101/1/d/www3.festo.com/_C1256D56002E7B89.nsf/WebTOFT/A1B028F796B7EBAEC1256E27005546A6/\$File/Progruebers_MS_Food_en.pdf
26	Intralox	www.intralox.com	Transport belts			Conveyor belting Installation Maintenance Trouble shooting	http://www.intralox.com/PDF/InstalstaMaintTroub.pdf#page=3
27	Ingersoll-Rand	www.irco.com	Pneumatic			No documentation available yet	
28	Jabsco	www.jabsco.com					http://www.jabsco.com/pdf/2003FlexibleImpellerPumps.pdf
29	Kiekens	www.kiekens.nl	Vacuum cleaners			No documentation available yet	
30	Klüber	www.klueber.com	Lubrication			Select: Home/Service/Online service/Foodprocessing/Pneumatic system	
31	Klüber	www.klueber.com	Lubrication			Select: Home/Service/Online service/Foodprocessing/Chains/Normal temperature	
32	Lenze	www.lenze.de	Frequency inverters	tobzod	visser	Enter password, Select: Language and required information	http://www.lenze.de/DownloadareaASP/ff05-e.html
32	Lenze	www.lenze.de	Motorreductors	tobzod	visser	Enter password, Select: Language and required information	http://www.lenze.de/DownloadareaASP/ff05-e.html
34	MKS (DDIC-board)	www.mks-control.de	Electronics			BY240/840 Synchro controllers Operating instructions	http://www.mks-control.de/By240_e.pdf
35	Nord antriebe	www.nord.com	Motorreductors			B1011 Motorreductor Operating and Maintenance instructions	http://www.nord.com/manuals/files/bw-B1011_NL_GB_FR.pdf
36	Norgren	www.norgren.com	Pneumatic			Clean compressed air information	http://www.norgren.com/intranet/group_pubs/PDF_links/product_literature/brochures/airline/en_clean_compressed_air.pdf
37	Rademaker	www.rademaker.nl					
38	Rademaker DenBoer	www.rademaker.nl					
39	Rexroth	www.boschrexroth.com	Hydraulics			No documentation available yet	
40	Rexroth	www.boschrexroth.com	Pneumatic			No documentation available yet	
41	Rotor	www.rotor.nl					
42	SEW	www.seweurodrive.com	Servo motors			AC motors, Asynchronous servomotors Operating instructions	http://www.sew-eurodrive.de/englisch/pdf/10527613.pdf
43	SEW	www.seweurodrive.com	Motorreductors			Gear units R..7, K..7, S..7 series Operating instructions	http://www.sew-eurodrive.de/englisch/pdf/10552715.pdf
44	SEW	www.seweurodrive.com	Frequency inverters			Movidrive MD60A Operating instructions	http://www.sew-eurodrive.de/englisch/pdf/10532617.pdf
45	Shell	www.shell.com	Lubrication			MSDS sheet Shell Tellus oil	http://www.shelldubai.com/industrial/msds/shell-tellus-oil.pdf
46	Shimaden	www.shimaden.com	Temperature control			SR 90 series Digital controller Instruction manual	http://www.shimaden.co.jp/english/manual/manual/pdf/sr90_standard.pdf
47	Sick	www.sick.nl	Sensors			Industrial sensors overview	http://www.sick.de/de/products/categories/industrial/en.html
48	Siegling	www.Siegling.nl	Transport belts				
49	Siemens	www.siemens.com	Technical documentation			Technical documentation	http://www.ad.siemens.de/simatic/portal/html_76/techdoku.htm
50	Siemens	www.siemens.com	Bedieningsscherm			TouchPanel TP170A,B, OperatingPanel OP170B Equipment manual	http://www4.ad.siemens.de/dnl/Y0OTMvNQA_1838350/TP170a_e.pdf
51	Siemens	www.siemens.com	Bedieningsscherm			Multipanel MP270B, TouchPanel TP270, Operating Panel OP270 Equipment manual	http://www4.ad.siemens.de/dnl/J3NTc3AAAA_10420917/xP270_e.pdf
52	Siemens	www.ad.siemens.de	Frequency inverters			Select: required information	http://www.ad.siemens.de/mc/mc-so/ev2c3ce1d2-1498-470c-9313-b6e7c7f2ee4f/index.aspx
53	System Plast	www.systemplast.com	Bearings	ma2006		Select: Products, Europe, Bearing supports, Mounting instructions (Lubrication and maintenance) Enter password	http://www.systemplast.com/it/catalogue/index.html
54	Telemecanique	www.schneider-electric.com	Frequency inverters			Altivar 28 Variable speed for asynchronous motors	http://www2.schneider.co.uk/seweb2/internet/catalogues.nsf/tuAllByID/JPAE-4UFFZ7/\$file/ATV28%20manual.pdf
55	Texaco	www.chevron.com	Lubrication			MSDS sheet Chevron FM grease EP	http://library.cbest.chevron.com/lubes/ehlchevmsdsv9.nsf/a37a566cb6e34c88882569cf0002e997/18b2cdc2f96b803788256b05005dba49?OpenDocument
56	Timken	www.timken.com	MSDS sheets			Select: required information	http://www.timken.com/industries/industrial/msds.asp
57	Tsubaki	www.tsubakimoto.com	Chains			Installation and Maintenance chains	http://tsubakimoto.com/products/chain/install/pdf/chain%20maintenance.pdf
58	Van der Graaf	www.vandergraaf.com	Motorreductors			No documentation available yet	
59	Westermo	www.westermo.se	Modems			Installation manual TD33, Select: TD-33_UK_manual.pdf	http://www.westermo.com/dman/Folder.phx/Manuals/PS/NT/Telephone+Modems?cmd=browse&folderSort=&folderOrder=&documentSort=&documentOrder=&documentBegin=10
60	van Wijk & Boerma	www.wijkboerma.nl	Pumps			No documentation available yet	
61	Turck	www.turck.com	Sensors			Linear position sensors	http://www.turck.nl/download/files/linear_position_sensors.pdf
62	Turck	www.turck.com	Sensors			Capazitive sensors	http://www.turck.nl/download/files/capazitive_sens_complete.pdf
63	Turck	www.turck.com	Sensors			Inductive sensors	http://www.turck.nl/download/files/inductive_sens_complete.pdf

Eigendom uitdrukkelijk behouden.
Vernieuwgeving of mededeling aan derden,
in welke vorm ook, is zonder schriftelijke
toestemming van eigenares niet geoorloofd



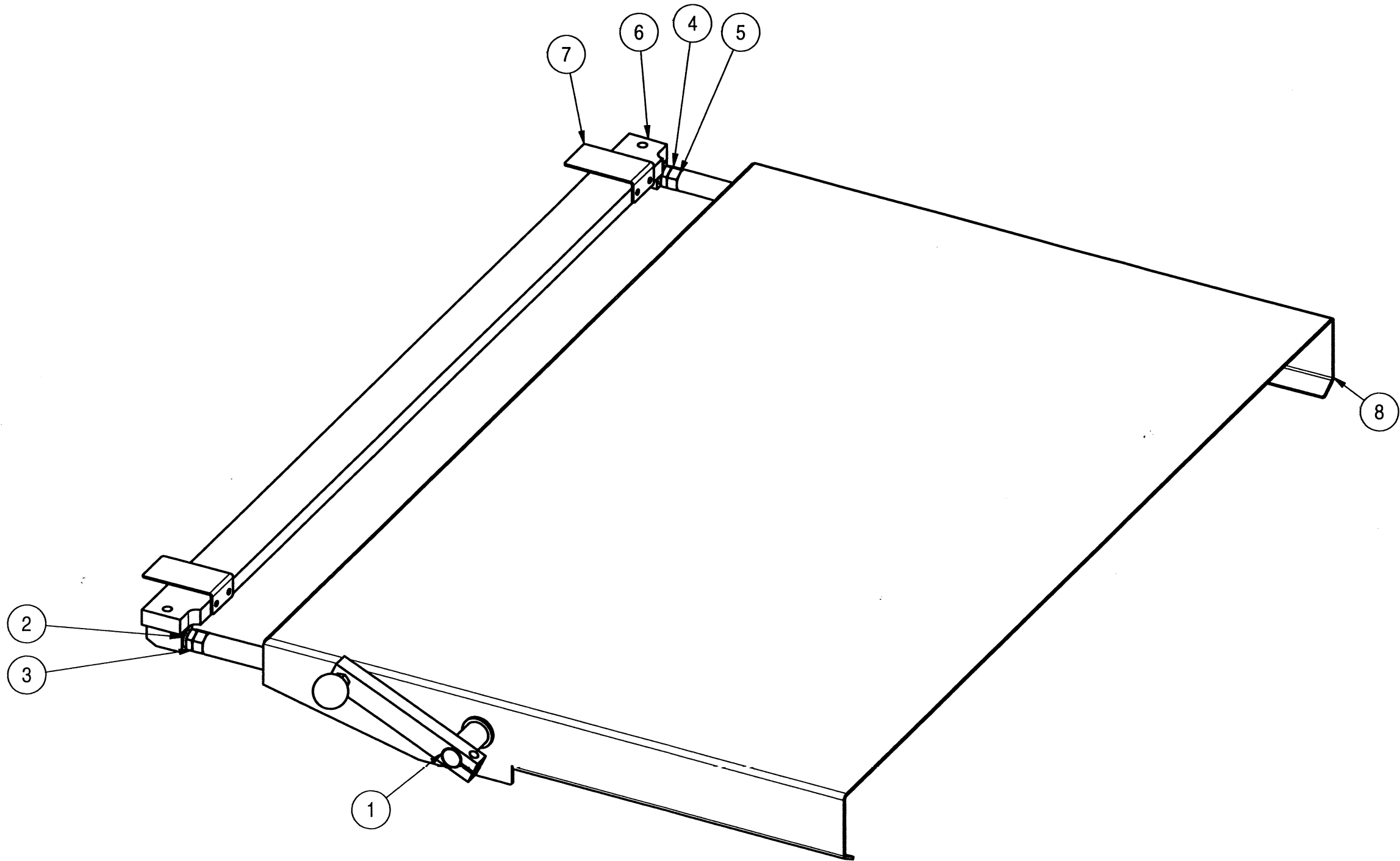
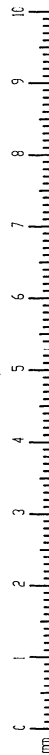
Gewijzigd tov vorige revisie:																		
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	BOVEN	-	6	30	120	315	1000	2000	BOVEN (mm)	-	10	50	120	R min. 0,1 mm min. 0,1 mm x 45°				
	MAATTOL.	TOT EN MET	6	30	120	315	1000	2000	HOEKTOL.	TOT EN MET (mm)	10	50	120	R max. 0,4 mm				
	GELDT:	TOLERANTIE	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2	±2	GELDT:	TOLERANTIE (minuten)	±50'	±30'	±20'	±10'	max. 0,25 mm x 45°		
SCHAAL: 1:2	VORM- EN PLAATSTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365				PROJECTIE					
GET: Z. Tetelepta	BENAMING: Geleidingsblokken														AANTAL:			
GEZ:	BEHANDELING:														PROJECTNUMMER-TEKENINGNUMMER:		VERSIE:	
DATUM: 28/02/2008															719302 - 0500199.00117		1	
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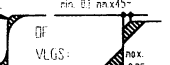
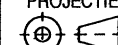
Eigendom uitdrukkelijk behouden.
Vernieuwing of mededeling aan derden,
in welke vorm ook, is zonder schriftelijke
toestemming van eigenares niet geoorloofd.

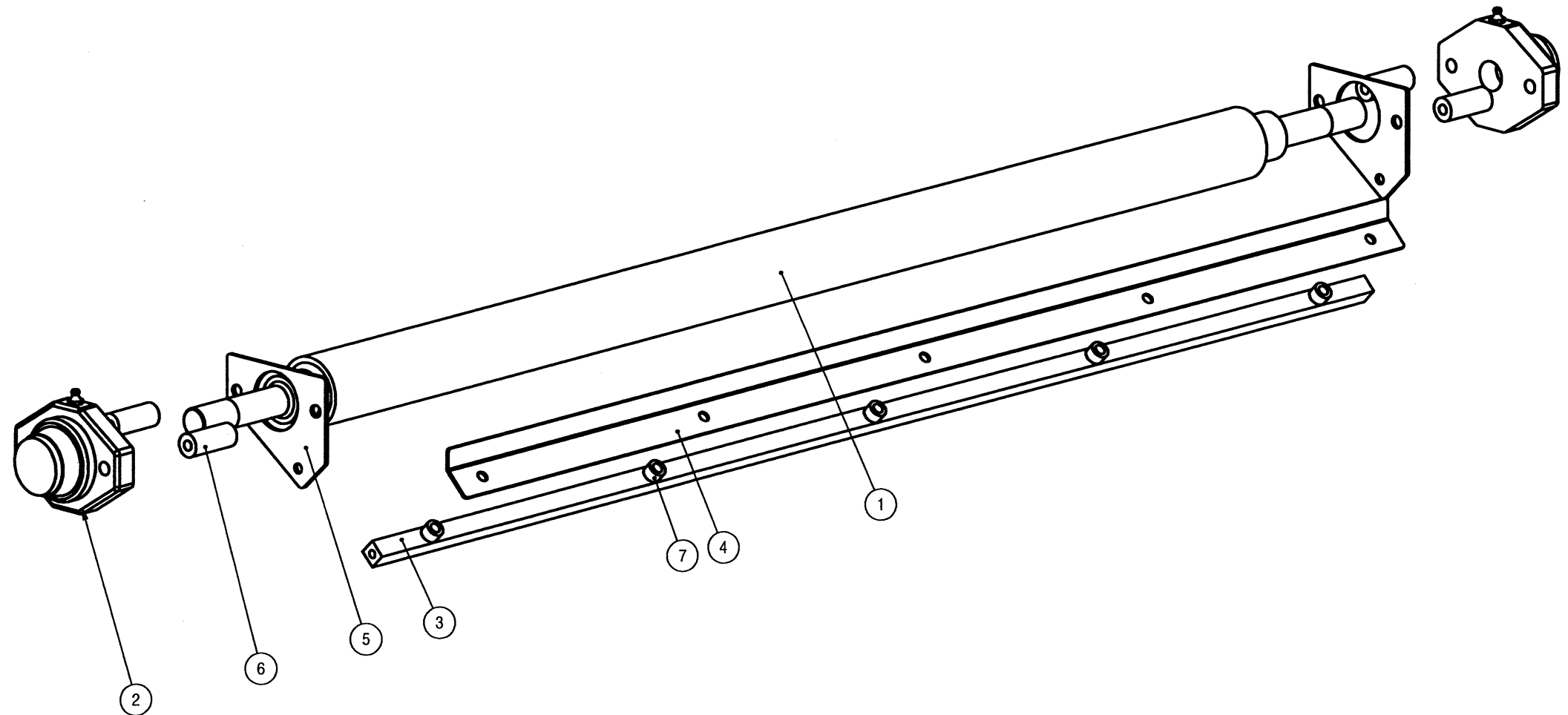


Gewijzigd tov vorige revisie:															
VOOR NIET VERMELDE VOORM EN PLAASTOL. GELDT: TOL IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE	NOMINALE MAAT [mm] bij 20° GELDT NIET VOOR UITG. MATERIAAL						VOOR NIET VERMELDE	NOM. LENGTE v/d KORTSTE ZIJDE v/d HOEK (20°)				ALLE KANTEN BREKEN VLGS:		
	BOVEN	-	6	30	120	315	1000	2000	BOVEN (mm)	-	10	50	120	R min. 0,1 mm min. 0,1 mm x 45°	
	TOT EN MET	6	30	120	315	1000	2000	-	HOEKTOL.	TOT EN MET (mm)	10	50	120	-	8 max. 0,4 mm
	TOLERANTIE	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2	±2	GELDT:	TOLERANTIE (minuten)	±60'	±30'	±20'	±10'	VLGS: max. 0,25 mm x 45°
SCHAAL: 1:3		VORM- EN PLAATSTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634		MAATTOL. VOLGS. NEN 2365		PROJECTIE		AANTAL:			
GET: Z. Tetelepta		BENAMING: Subassy mesovername universeel										PROJECTIE			
GEZ:		BEHANDELING:										AANTAL:			
DATUM: 28/02/2008		PROJECTNUMMER-TEKENINGNUMMER:										VERSIE:			
AFGELEID VAN: 0600899.00038 Rev 2		719302 - 0600899.00038-2										1			
Rademaker		Specialists in food processing equipment										RADEMAKER B.V. HOLLAND		A 3	

Eigendom uitdrukkelijk voorbehouden.
Vernieuwgeving of mededeling aan derden
in welke vorm ook, is zonder schriftelijke
toestemming van eigenares niet geoorloofd

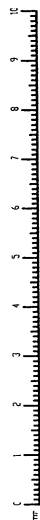
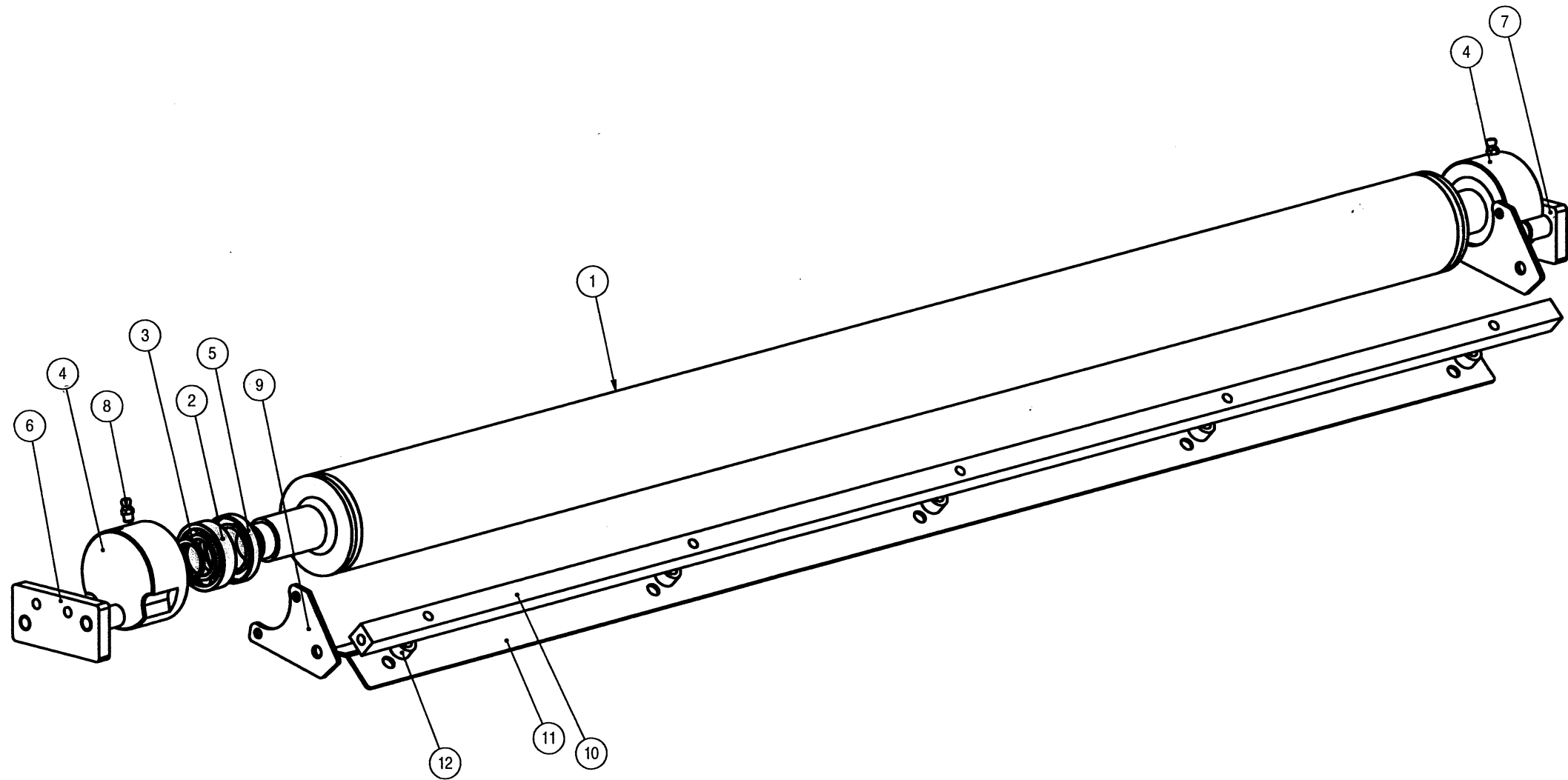


Gewijzigd tov vorige revisie:																		
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL. IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE MAATTOL. GELDT:	NOMINALE MAAT (mm) bij 20° GELDT NIET VOOR UITG.MATERIAAL								VOOR NIET VERMELDE HOEKTOL. GELDT:	NOM. LENGTE v/d KORTSTE ZIJDE v/d HOEK (20°)				ALLE KANTEN BREKEN VOLGS: R min. 0,1 mm min. 0,1 mm x 45° V.L.G.S.: 			
		BOVEN	-	6	30	120	315	1000	2000		BOVEN (mm)	-	10	50				120
		TOT EN MET	6	30	120	315	1000	2000	-		TOT EN MET (mm)	10	50	120				-
		TOLERANTIE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2		TOLERANTIE (minuut)	±60°	±30°	±20°				±10°
SCHAAL: 1:5		VORM- EN PLAATSTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365								
GET: Z. Tetelepta																		
GEZ:		BENAMING: Subassy mesovername universeel											AANTAL:					
DATUM: 22/02/2008																		
AFGELEID VAN: 0600899.00038 Rev2		BEHANDELING:					PROJECTNUMMER-TEKENINGNUMMER: 719302 - 0600899.00038						VERSIE: 1					
Rademaker		Specialists in food processing equipment					RADEMAKER B.V. HOLLAND							A 3				



Externe afmetingen worden
niet getoond op tekening en tekeningen
niet getoond op tekening en tekeningen
niet getoond op tekening en tekeningen

Gewijzigd tov vorige revisie:			
VOOR NIET VERMELDE VOORM EN PLAASTOL. GELOOT: TOL. IS 1/10 VAN DE MAAT TOLERANTIE GELOOT NIET VOOR UITGANGS MATERIAAL	VOOR NIET VERMELDE BOVEN MAAT: TOL. IS 1/10 VAN DE MAAT TOLERANTIE GELOOT NIET VOOR UITGANGS MATERIAAL	NOMINALE MAAT (mm) 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000	VOOR NIET VERMELDE HOEK TOL. IS 1/10 VAN DE MAAT TOLERANTIE GELOOT NIET VOOR UITGANGS MATERIAAL
MAAT: TOL. IS 1/10 VAN DE MAAT TOLERANTIE GELOOT NIET VOOR UITGANGS MATERIAAL	MAAT: TOL. IS 1/10 VAN DE MAAT TOLERANTIE GELOOT NIET VOOR UITGANGS MATERIAAL	NOMINALE LENGTE VAN KORTSTE ZIJDE VAN HOEK (mm) 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000	MAAT: TOL. IS 1/10 VAN DE MAAT TOLERANTIE GELOOT NIET VOOR UITGANGS MATERIAAL
SCHAAL: 1:2	FORM- EN PLAASTOL. VOLGS. NEN 3311	RUIWHEID VOLGS. NEN 3634	MAAT: TOL. IS 1/10 VAN DE MAAT TOLERANTIE GELOOT NIET VOOR UITGANGS MATERIAAL
GET: Z. Tetelepta	BENAMING: Samenstel. Omlooprol		AANTAL: 1
GEZ:	BEHANDELING:		PROJECTNUMMER-TEKENINGNUMMER: 719302 - 0500399.00054
DATUM: 21/02/2008	AFGELEID VAN: 0500399.00054 Rev 2		VERSIE: 1
Rademaker		Specialists in food processing equipment	RADEMAKER B.V. HOLLAND A 2

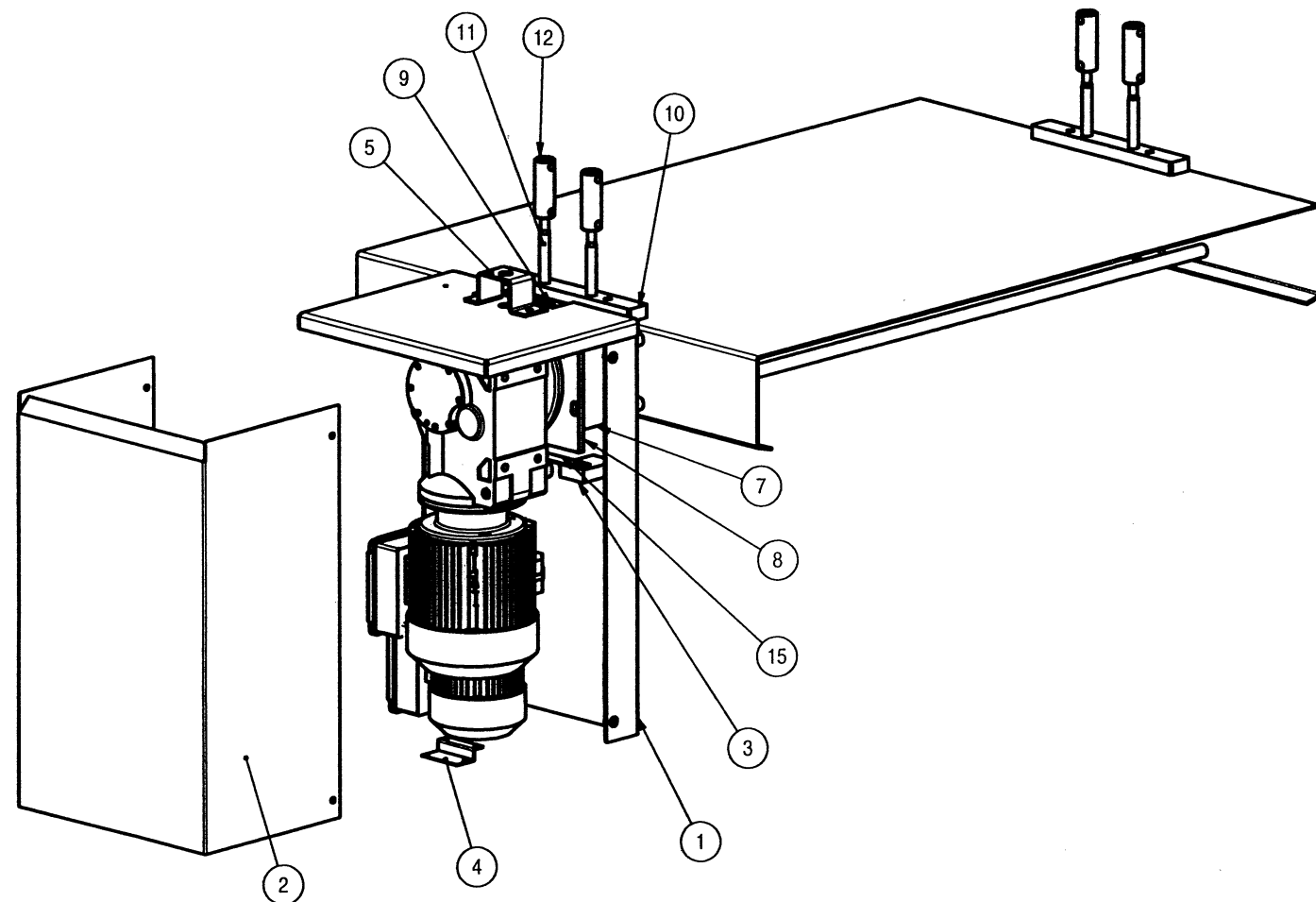
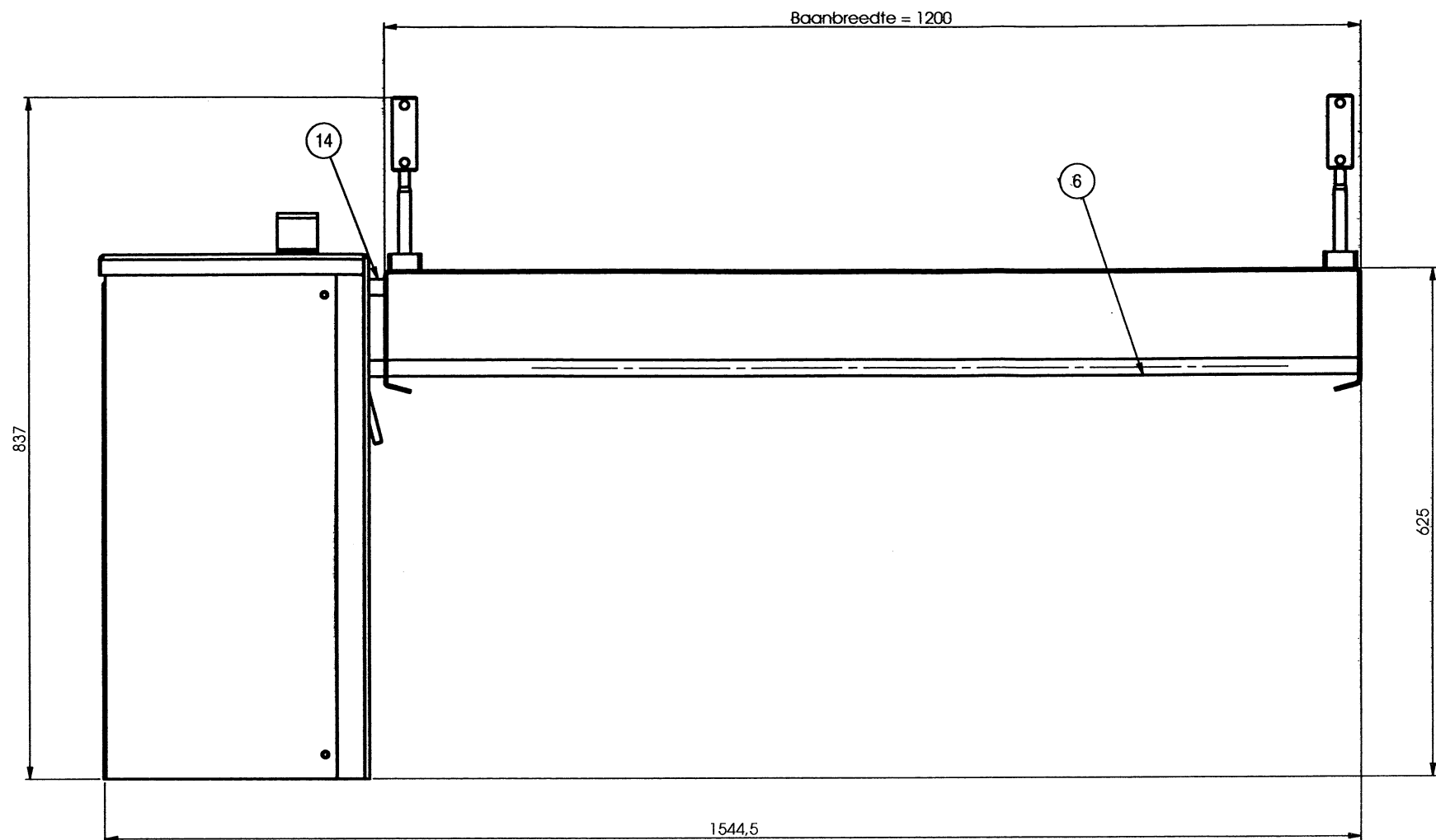
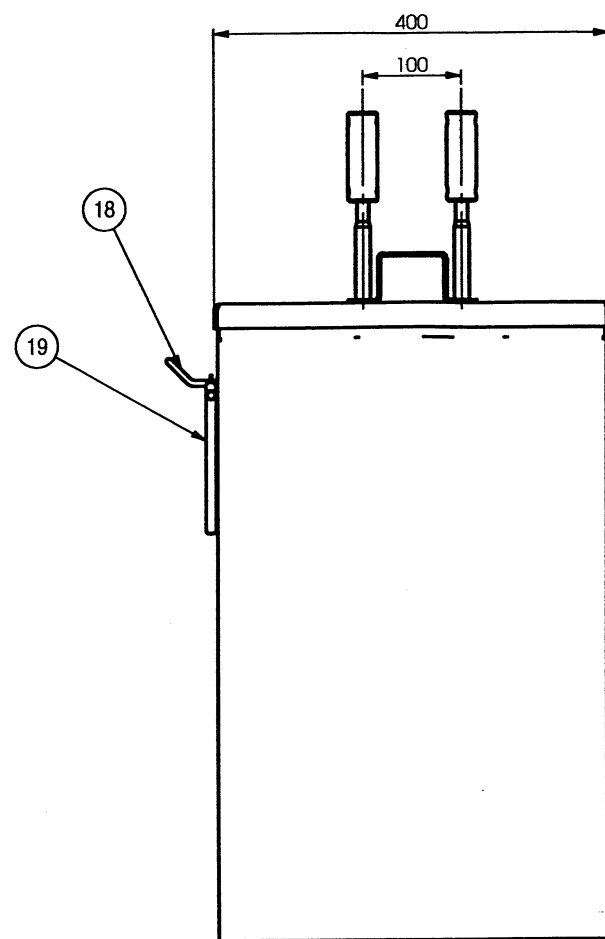


Specifieke uitsluitende voorbereidingen:
 - alle afmetingen zijn in mm
 - afmetingen van 0 tot 10 mm zijn in mm
 - afmetingen van 10 tot 100 mm zijn in mm
 - afmetingen van 100 tot 1000 mm zijn in mm

Gewijzigd tov vorige revisie:				VOOR NIET VERMELDE VOORM EN PLAASTOL. GELDT: TOL. IS 1/3 VAN DE MAAT TOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL				VOOR NIET VERMELDE HOEK TOL. IS 1/3 VAN DE MAAT TOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL				ALLE KANTEN BREKEN. VLG.:			
VERMELDE BOVEN				VERMELDE HOEK TOL.				VERMELDE HOEK TOL.				VERMELDE HOEK TOL.			
MAAT TOL.				MAAT TOL.				MAAT TOL.				MAAT TOL.			
GELDT:				GELDT:				GELDT:				GELDT:			
SCHAAL: 1:2.5				VORM- EN PLAASTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAAT TOL. VOLGS. NEN 2365			
GET: Z. Tetelepta				BENAMING: Uitneembare rol				AANTAL:				PROJECTIE			
GEZ:				BEHANDLING:				PROJECTNUMMER-TEKENINGNUMMER: 719302 - 0500399.00055				VERSIE: 1			
AFGELEID VAN: 0500399.00055 Rev 6				RADEMAKER				Specialists in food processing equipment				RADEMAKER B.V. HOLLAND			
												A 2			



Gewijzigd tov vorige revisie:													
VOOR NIET VERMEDELDE VOORM EN PLAATSTOL. GELDT: TOL IS 1/3 VAN DE MAATTOLERANTIE GELDT NIET VOOR UITGANGS MATERIAAL		VOOR NIET VERMEDELDE MAATTOL. GELDT:		NOMINALE MAAT [mm] bij 20° GELDT NIET VOOR UITG MATERIAAL				VOOR NIET VERMEDELDE HOEKTOL. GELDT:		NOM. LENGTE v/d KORTSTE ZIJDE v/d HOEK (20°)		ALLE KANTEN BREKEN VLGS: R min. 81 mm min. 81 mm x 45°	
				BOVEN				BOVEN (mm)		BOVEN (mm)		R max. 81 mm	
				TOT EN MET				HOEKTOL.		TOT EN MET (mm)		VLGS: 	
				TOLERANTIE				GELDT:		TOLERANTIE (mm)		max. 125 mm x 45°	
SCHAAL: 1:3		FORM- EN PLAATSTOL. VOLGS. NEN 3311				RUWHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2365			
GET: Z. Tetelepta		BENAMING: Snelontspaninrichting										AANTAL:	
GEZ:													
DATUM: 22/02/2008													
AFGELEID VAN: 0600299.00105 Rev 1		BEHANDELING:				PROJECTNUMMER-TEKENINGNUMMER: 719302 - 0600299.00105				VERSIE: 1			
Rademaker		Specialists in food processing equipment				RADEMAKER B.V. HOLLAND				A 3			



Gewijzigd tov vorige revisie:																			
VOOR NIET VERMELDE VOORM EN PLAATSTOL. GELDT: TOL IS 1/3 VAN DE MAATTOLEPANTIE. GELDT NIET VOOR UITGANGSMATERIAAL.	VERMELDE	NOMINALE MAAT [mm] (N 20° GELDT NIET VOOR UITG.MATERIAL.)										VOOR NIET VERMELDE HOEK (20°)				ALLE KANTEN BIJEN VLS.			
		BOVEN										BOVEN				E. no. 51 no.			
		MAATTOL.										HOEKTOL.				E. no. 51 no.			
		GELDT:										GELDT:				E. no. 51 no.			
TOLERANTIE		±0,1	±0,2	±0,3	±0,5	±0,8	±1,2	±2	TOLERANTIE (graad)		±0,1	±0,2	±0,3	±0,5			PROEIJIE		
VORM- EN PLAATSTOL. VOLGS. NEN 3311										RUIJHEID VOLGS. NEN 3634				MAATTOL. VOLGS. NEN 2385					
GET: Z. Telelepta		BENAMING: Houder uitsteekwals + opnemer																AANTAL:	
GEZ:		Houder uitsteekwals + opnemer														AANTAL:			
DATUM: 18/01/2008		Houder uitsteekwals + opnemer														AANTAL:			
AFGELEID VAN:		0400105.01012 Rev 4				BEHANDELING:				PROJECTNUMMER-TEKENINGNUMMER:				VERSIE:					
										719304 - 0400105.01012				1					
Rademaker					Specialists in food processing equipment					RADEMAKER B.V. HOLLAND					A 2				

Externe afmetingen in mm
 Veranderingen of modificaties aan tekeningen
 in welke vorm ook, is alleen schriftelijk
 toestemming van de afnemer van de tekening

Rademaker

Specialists in food
processing equipment

RADEMAKER BV
Food processing equipment
Plantijnweg 23, P.O. Box 416
4100 AK Culemborg
Tel. + 31 (0) 345 543543
Fax. + 31 (0) 345 543590

Customer : Food Systems Design
Project name : Sheeting System
Project number : 7193 / 719395
Drawingnumber : 0010000.21844 C

Power supply : 3*480V+Pe-60Hz
Max. fuse / Inom : 60A / 58A
Control voltage : 24Vdc
Date of building : 2008
Manufacturer : Rademaker standaard USA
Environment : D4W
Regulations : UL

Minimum air pressure : 6 Bar
Average air consumption : 26 n/l
Max. Air consumption : 135 n/l

CHANGES : PAGE 331, 550, 651
400, 401, 450, 452

Manufacture date : 24.01.2008
Project manager : WBA
Last change : 11.11.2008
Last alteration made by : WBA

Number of pages : 82

1

General information

Terminalstrip definition

Coding : aXbc.d

a - potential
X - Terminalstrip indication
b - optional, for junction box
c - place
d - serial number

Main current 0	Normal main current	
Main current 1 until 4	Normal main current	spare
Main current 5	Frequency converters	
Main current 6	Frequency converters	spare
Main current 7	DC-motors	
Main current 8-9	DC-motors	spare
Control circuit 10	Control circuit	240/230Vac
Control circuit 11	Control circuit	110/120Vac
Control circuit 12	Control circuit	48Vac
Control circuit 13	Control circuit	24Vac spare
Control circuit 14 until 17	Control circuit	24Vac
Control circuit 18	Control circuit	24Vdc
Control circuit 19	Control circuit	< 15Vdc
Control circuit 20 until 24	Control circuit	dc spare
Control circuit 25	Control circuit	interface

b - type
J = Junctionbox
None = main switchboard
Serial number
1 until

c - place
d - serial number

Plug coding

10X53d
addition from dummy
Serial number at a page
plug letter
block bolt combination

Component coding

+GAP-2354
serial number at a page
component letter
Page number
Place
Group

Colour coding wiring

Main current	Europe	USA
ac / dc	black	black
neutral	light blue	white
earth	green/yellow	green/yellow
Control circuit	1mm ²	16\AWG
AC-Hot	red	red
AC-Neutral	red	white
24Vdc+	Darkblue	16AWG
24Vdc-	Blue/White	Blue
		White with blue stripe
Speed control voltage		
0-10 Vdc	1 x 0.75 mm ² LIYCY	1 x 0.75 mm ² LIYCY
0-10 Vdc < 10cm	white	white
Interface control circuit with external		
-	orange	orange

Code for designation of colours

Black	BK
Brown	BN
Red	RD
Orange	OG
Yellow	YE
Green	GN
Blue	BU
Violet (purple) VT	
Grey	GY
White	WH
Pink	PK
Turquoise	TQ
Shield	SH
Green / yellow GNYE	



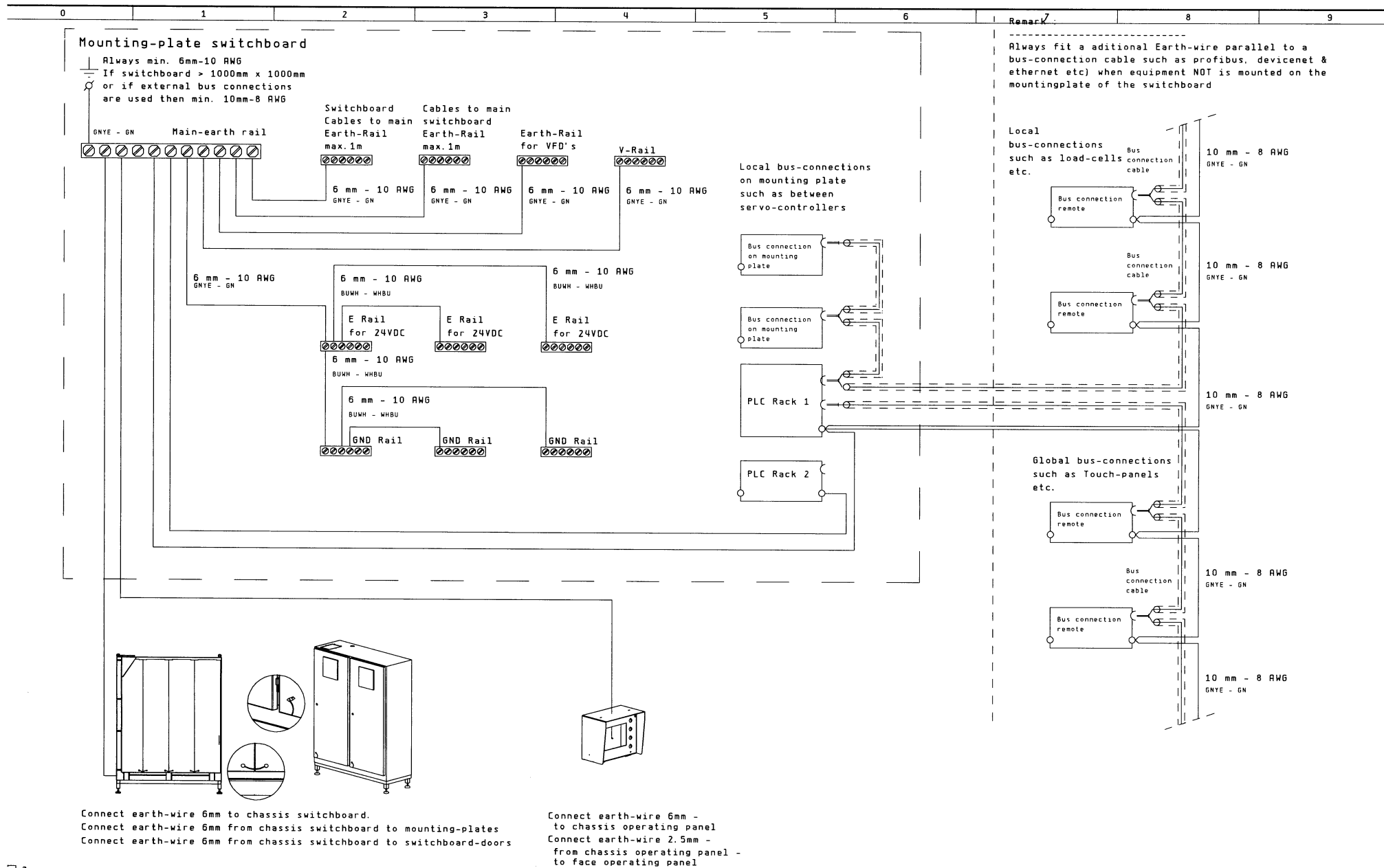
Symbol for earth-connection of cable-shields



Symbol for earth-connection strip in switchboard



Symbol for earth connection of components in switchboard

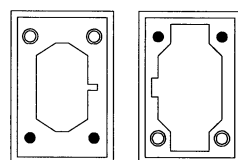


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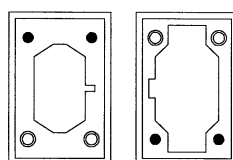
Property of Rademaker Specialists in food processing equipment	Customer Food Systems Design		= GEN	Proj. nr. 7193	Sub.proj.nr. 719395	Page
	Project name Sheeting System		+ GEN	Drawing number 0010000.21844	Rev. C	3.1
	Subject : Info2			Drawn by WBR	Date 24.01.2008	Accoord
				Change HWR	Date change 16.10.2006	

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 Plantingweg 23, P.O. Box 416
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 Fax. + 31(0)345 543590

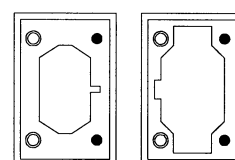
Plug coding



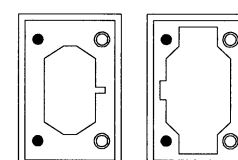
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F 2XS.. M

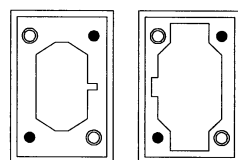


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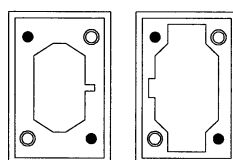


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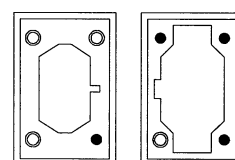
● pin
○ bus



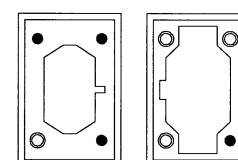
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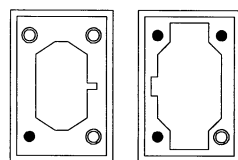
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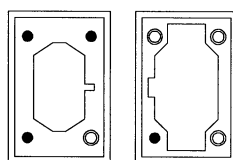
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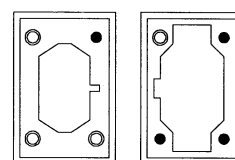
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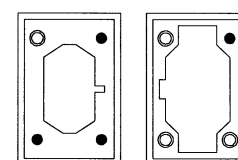
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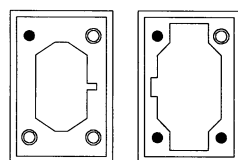
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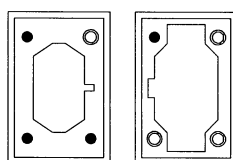
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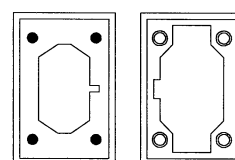
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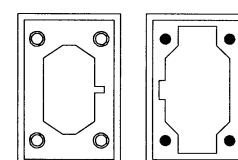
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F 14XS.. M



F 15XS.. M



F 16XS.. M

0	1	2	3	4	5	6	7	8	9
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Group	Place	Page	Subject Page	Extra Field page	Date change	Engineer	X
GEN	GEN	1	Title page		16. Okt. 2006	HWA	
GEN	GEN	2	Revision information		11. Nov. 2008	WBA	
GEN	GEN	3	Info1		08. Feb. 2007	HWA	
GEN	GEN	3.1	Info2		16. Okt. 2006	HWA	
GEN	GEN	3.2	Info3		16. Okt. 2006	HWA	
GEN	GEN	4	Contents		11. Nov. 2008	WBA	
GEN	GEN	4A	Contents		11. Nov. 2008	WBA	
GEN	GEN	4B	Contents		11. Nov. 2008	WBA	
G	E	1	Title page		15. Nov. 2005	HWA	
G	E	2	Power supply		11. Nov. 2008	WBA	
G	E	4	Power supply control circuit		11. Nov. 2008	WBA	
G	E	15	Power supply - units		11. Nov. 2008	WBA	
G	E	25	S1 Main current - AC-motors		11. Nov. 2008	WBA	
G	E	65	S1 Extruder 1 sheeting rollers		11. Nov. 2008	WBA	
G	E	66	S1 Extruder 1 supply roller		11. Nov. 2008	WBA	
G	E	67	S1 Gauging station 1 supply belt		11. Nov. 2008	WBA	
G	E	68	S1 Gauging station 1 upper roller		11. Nov. 2008	WBA	
G	E	69	S1 Gauging station 1 lower roller		11. Nov. 2008	WBA	
G	E	70	S1 Rotary cutter 1		11. Nov. 2008	WBA	
G	E	71	S1 Dough return system 1		11. Nov. 2008	WBA	
G	E	73	S1 Rotary cutter 2		11. Nov. 2008	WBA	
G	E	74	S1 Main conveyor 1		11. Nov. 2008	WBA	
G	E	75	S1 Transfer belt 1		11. Nov. 2008	WBA	
G	E	201	Module S1 Extruder 1		11. Nov. 2008	WBA	
G	E	202	Module S1 Gauging station		11. Nov. 2008	WBA	
G	E	203	Module S1 Rotary cutter		25. Mrt. 2008	WBA	
G	E	204	Module S1 Dough return system 1		11. Nov. 2008	WBA	
G	E	205	Module S1 Decoration roller 1		11. Nov. 2008	WBA	
G	E	206	S1 Transfer belt 1		11. Nov. 2008	WBA	
G	E	330	Interface with Upstream module		11. Nov. 2008	WBA	

3.2

4A

Property of Rademaker <i>Specialists in food processing equipment</i>	RADERMAKER BV Food processing equipment Plantijnweg 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	= GEN	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+ GEN	Drawing number	0010000.21844	Rev.	C	4
		Subject :	Contents		Drawn by	WBA	Date	24.01.2008	Accoord
					Change	WBA	Date change	11.11.2008	

0	1	2	3	4	5	6	7	8	9
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Group	Place	Page	Subject Page	Extra Field page	Date change	Engineer	X
G	E	331	Interface with downstream module		25. Mrt. 2008	WBA	
G	E	345	Main relays		08. Apr. 2008	WBA	
G	E	370	E-stop circuit		11. Nov. 2008	WBA	
G	E	375	Safety circuit		11. Nov. 2008	WBA	
G	E	400	PLC-overview		11. Nov. 2008	WBA	
G	E	401	Display		11. Nov. 2008	WBA	
G	E	402	Ethernet switch		11. Nov. 2008	WBA	
G	E	403	Modem		11. Nov. 2008	WBA	
G	E	450	PLC-Digital IO-cross-ref		11. Mrt. 2008	WBA	
G	E	451	PLC-Digital IO-cross-ref		11. Nov. 2008	WBA	
G	E	452	PLC-Analog IO-cross-ref		11. Mrt. 2008	WBA	
G	E	480	PLC power supply IO-modules		06. Mrt. 2008	WBA	
G	E	490	PLC power supply IO-modules		07. Mrt. 2008	WBA	
G	E	550	PLC Digital Input modules I000.0 - .7		11. Nov. 2008	WBA	
G	E	551	PLC Digital Input modules I000.8 - .15		11. Nov. 2008	WBA	
G	E	600	PLC Digital output modules Q000.0 - .7		11. Nov. 2008	WBA	
G	E	601	PLC Digital output modules Q000.8 - .15		11. Nov. 2008	WBA	
G	E	602	PLC Digital output modules Q000.16 - .17		11. Nov. 2008	WBA	
G	E	603	PLC Digital output modules Q000.18		11. Nov. 2008	WBA	
G	E	650	PLC Analog input modules		11. Nov. 2008	WBA	
G	E	651	PLC Analog input modules		11. Nov. 2008	WBA	
G	E	998	Spare schematic page for changes		15. Nov. 2005	HWA	
G	E	999	Spare terminal list page for changes		15. Nov. 2005	HWA	
G	E	1000	Spare terminal & cable wires		11. Nov. 2008	WBA	
G	E	1002	Terminal definitions		13. Mrt. 2008	WBA	
G	E	1003	Extra parts		07. Mrt. 2008	WBA	
G	E	1004	Terminal strip and connector overview		11. Nov. 2008	WBA	
G	E	1005	0X0 480V - Terminal strip for power supply connection		11. Nov. 2008	WBA	
G	E	1006	1X0 400V - Terminal strip in Main switchboard		11. Nov. 2008	WBA	
G	E	1006.1	1X0 400V - Terminal strip in Main switchboard		11. Nov. 2008	WBA	

4

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Property of Rademaker <i>Specialists in food processing equipment</i>	RADERMAKER BV Food processing equipment Plantijnweg 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	= GEN	Proj. nr.	7193	Sub.proj.nr.	719395	Page	
		Project name	Sheeting System	+ GEN	Drawing number	0010000.21844	Rev.	C	4A	
		Subject	Contents			Drawn by	WBA	Date	24.01.2008	Accoord
						Change	WBA	Date change	11.11.2008	

[illegible]

Rademaker

Specialists in food processing equipment

RADEMAKER BV

Food processing equipment

Plantijnweg 23, P.O. Box 416

4100 AK Culemborg

Tel. + 31 (0) 345 543543

Fax. + 31 (0) 345 543590

Customer : Food Systems Design

Project name : Sheeting System

Project number : 7193 / 719395

Drawingnumber : 0010000.21844 C

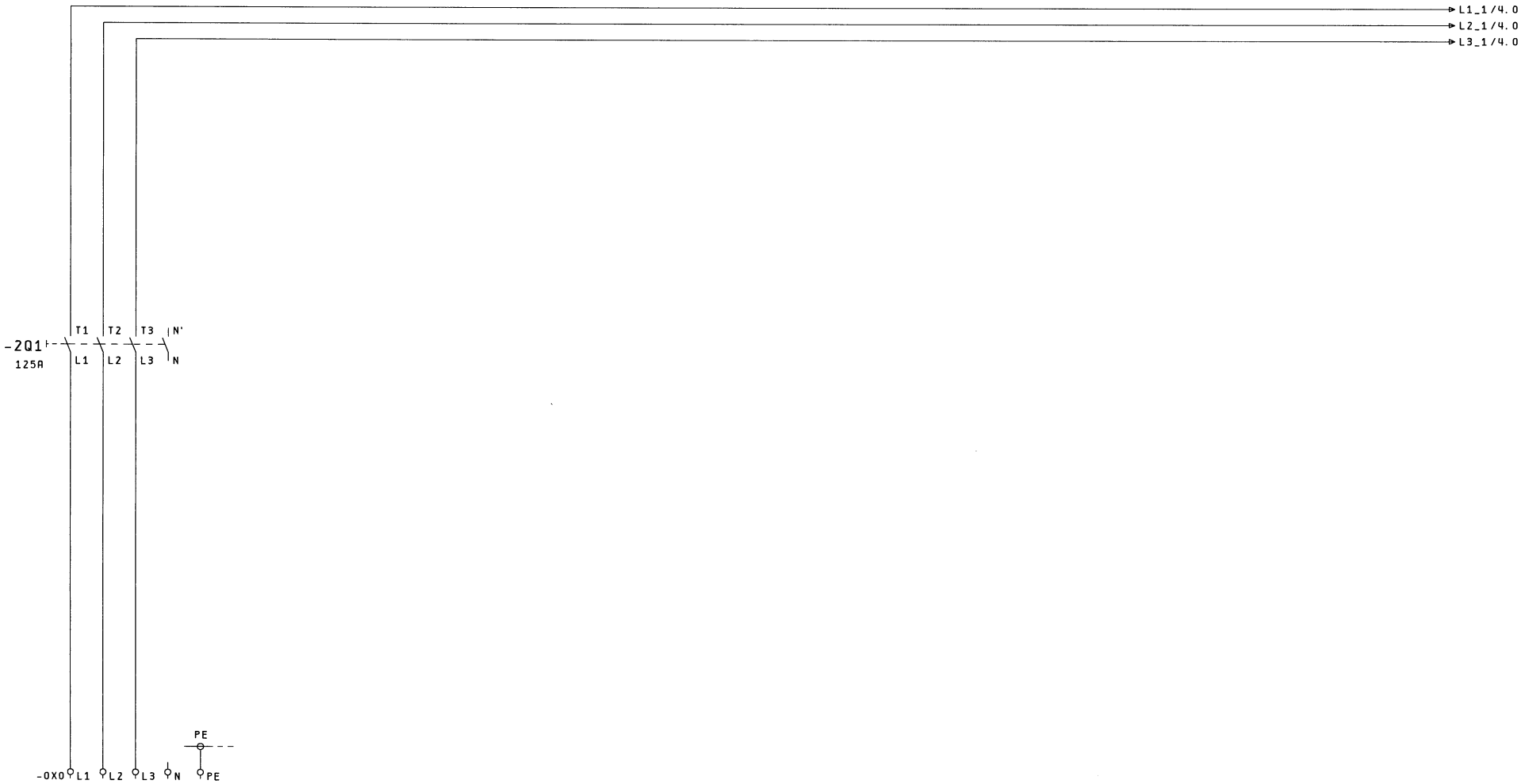
Group (=) : G Group

Place (+) : E Electric

Original project number :

Original drawingnumber :

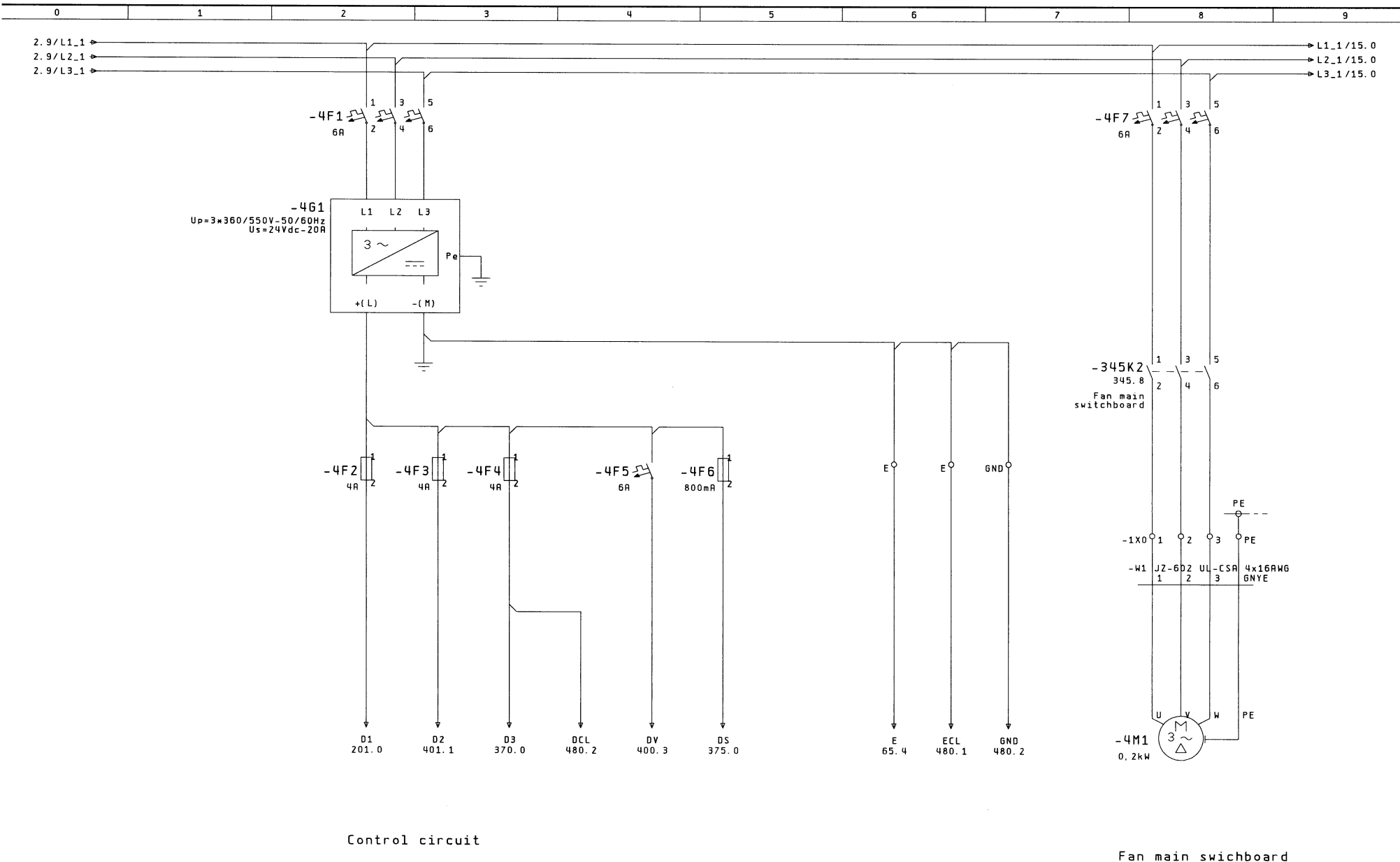
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Power supply
3x480 + Pe - 60Hz

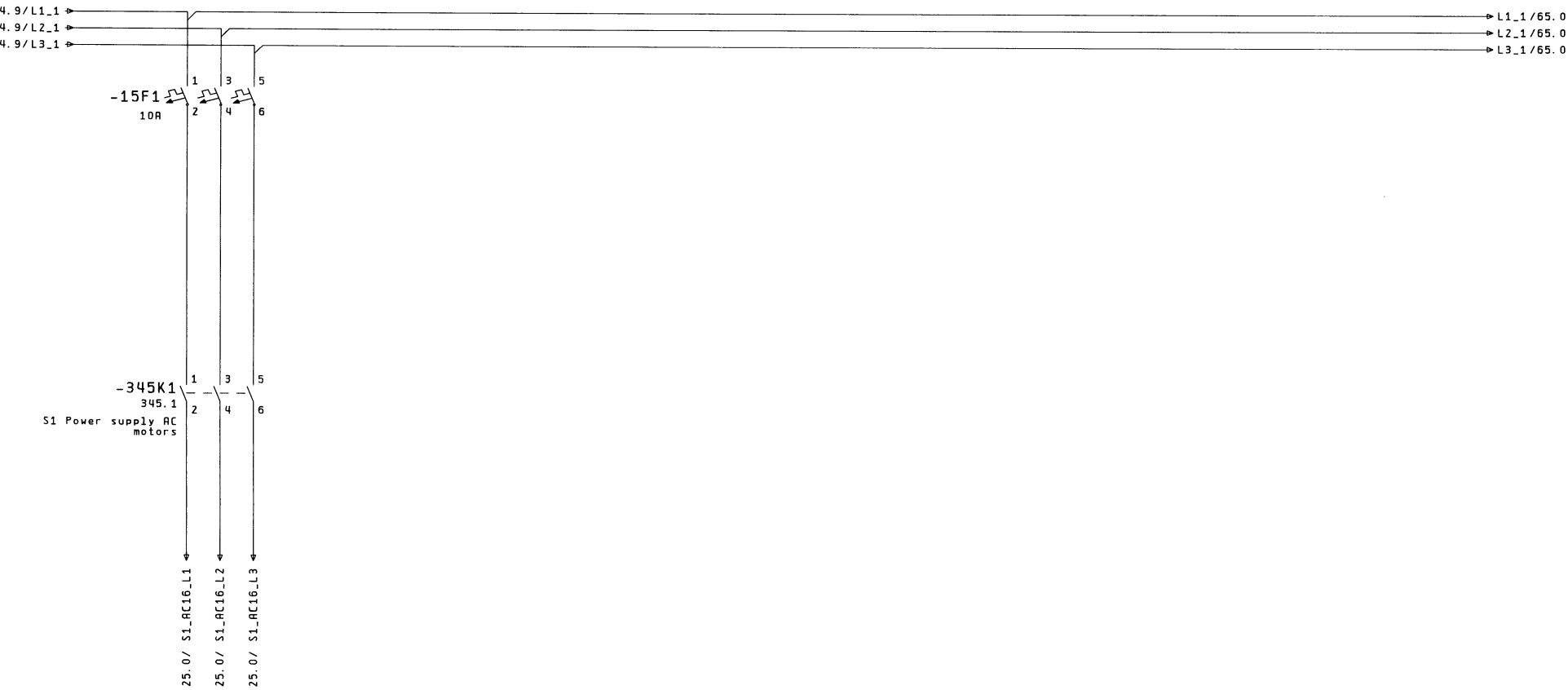
Property of Rademaker <i>Specialists in food processing equipment</i>	Customer Food Systems Design	= G	Proj. nr. 7193	Sub.proj.nr. 719395	Page 2
	Project name Sheeting System	+ E	Drawing number 0010000.21844	Rev. C	Accord
	Subject : Power supply		Drawn by WBA	Date 24.01.2008	
			Change WBA	Date change 11.11.2008	

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 Food processing equipment
 Plantijnweg 23, P.O. Box 416
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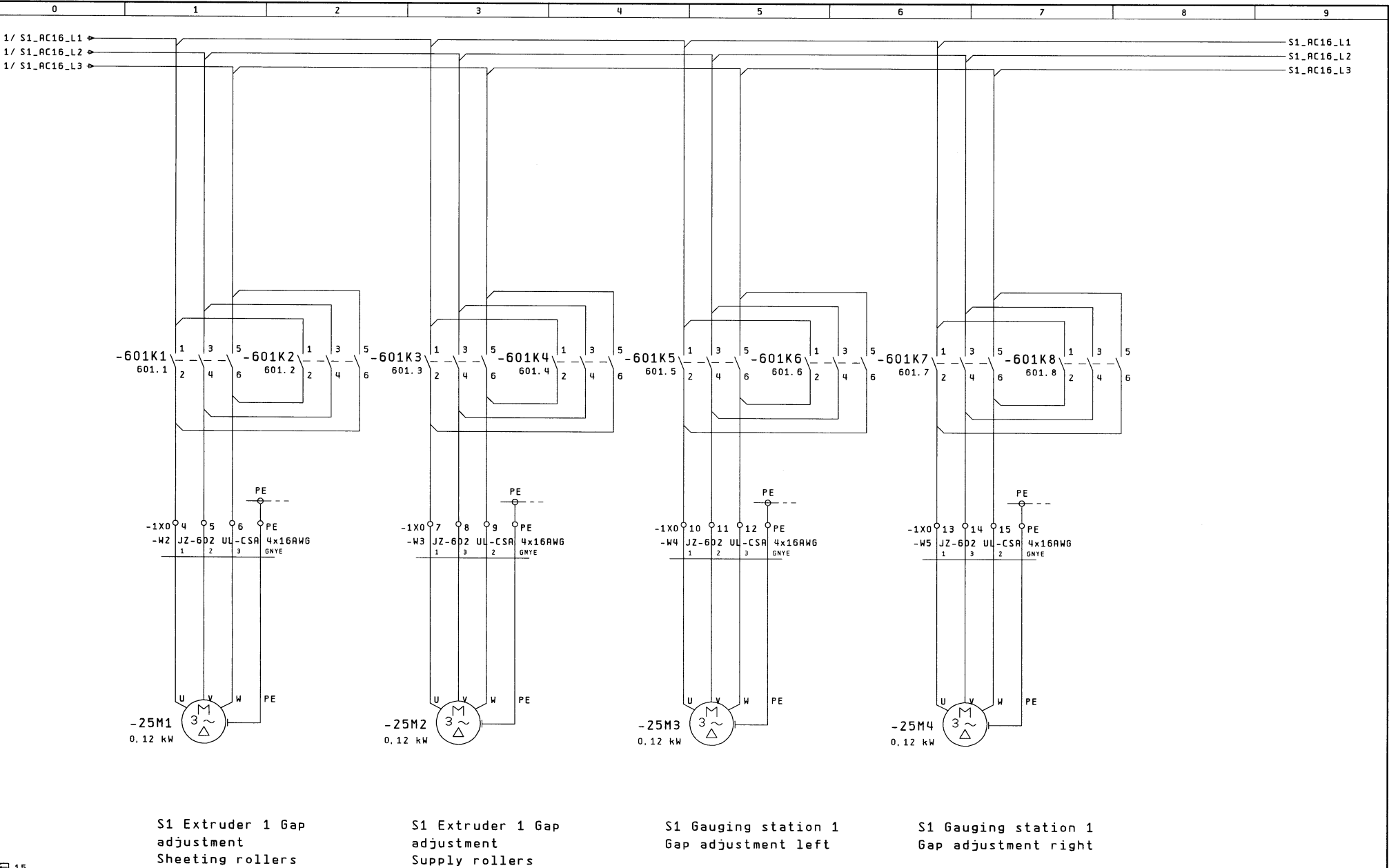
Property of Rademaker Specialists in food processing equipment	RADMEDAK BV Food processing equipment Plantijnweg 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	=	G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	4
		Subject :	Power supply control circuit			Drawn by	WBR	Date	24.01.2008	Accord
						Change	WBR	Date change	11.11.2008	

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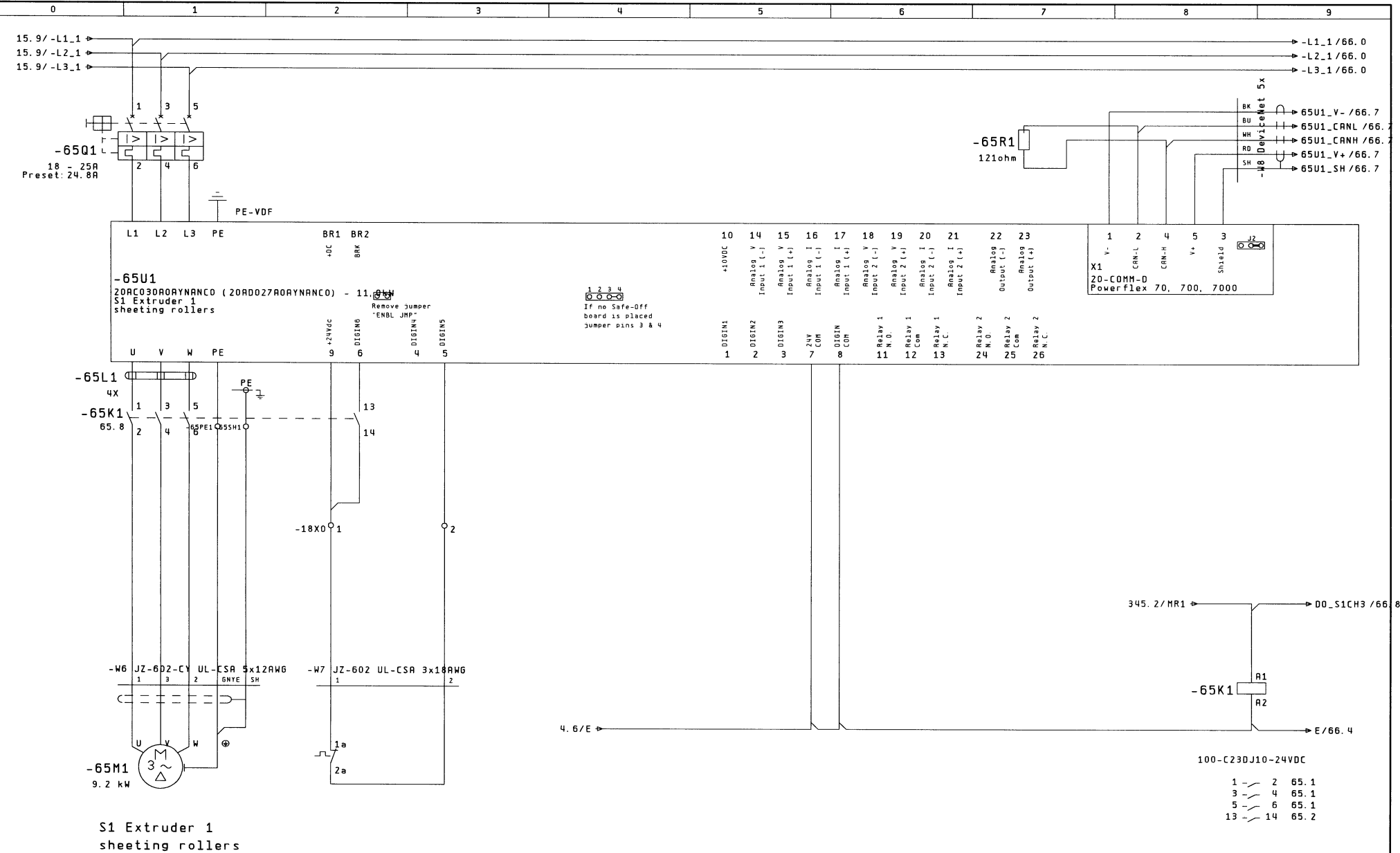


S1 Power supply AC
motors

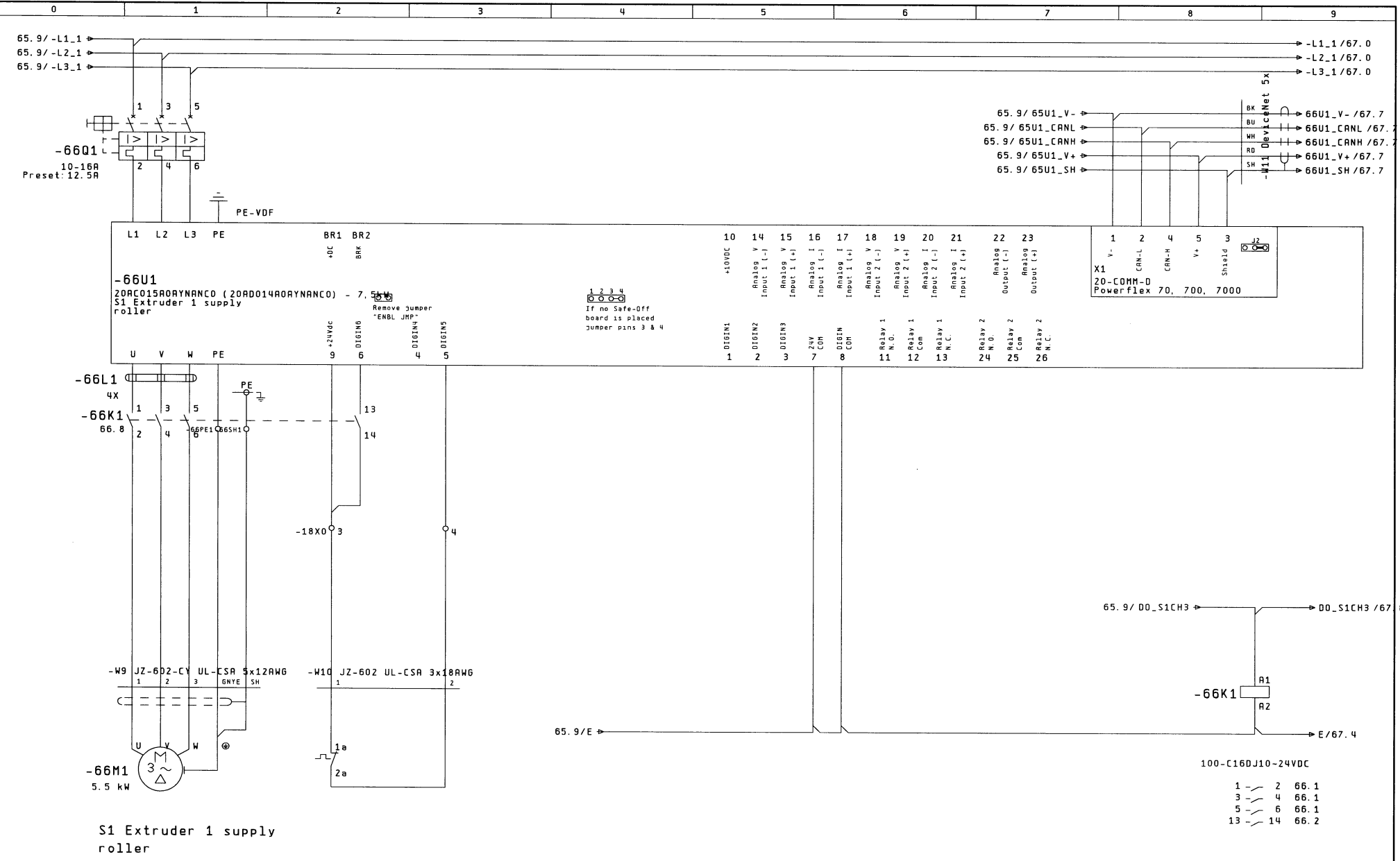
Property of Rademaker <i>Specialists in food processing equipment</i>	RADEMAKER BV Food processing equipment Plantijnweg 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	=	G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	15
		Subject : Power supply - units				Drawn by	WBA	Date	24.01.2008	Accord
						Change	WBA	Date change	11.11.2008	



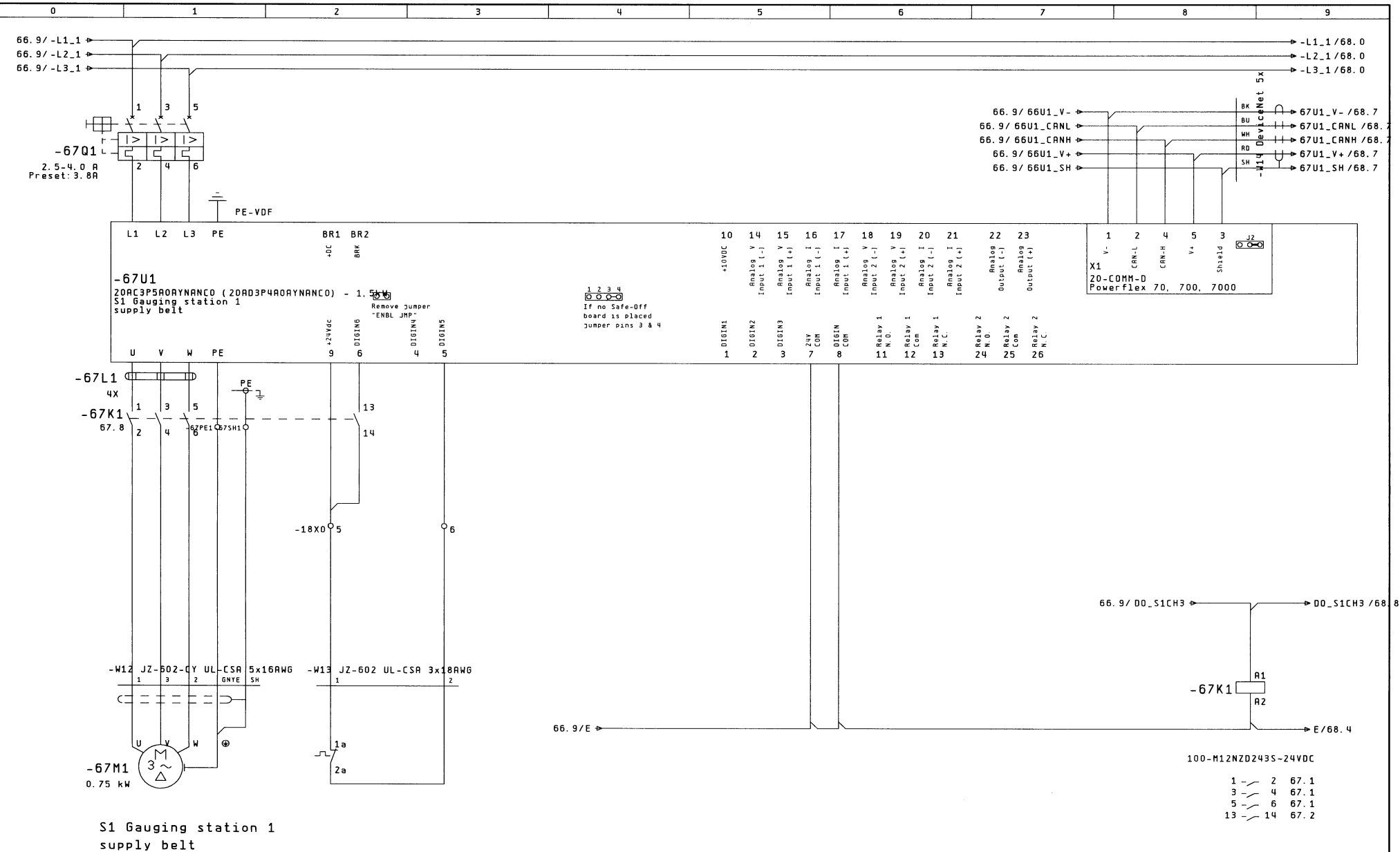
Property of Rademaker Specialists in food processing equipment	RADEMAKER BV Food processing equipment Plantijnweg 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	=	G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	25
		Subject	S1 Main current - AC-motors			Drawn by	WBR	Date	24.01.2008	Accord
						Change	WBR	Date change	11.11.2008	

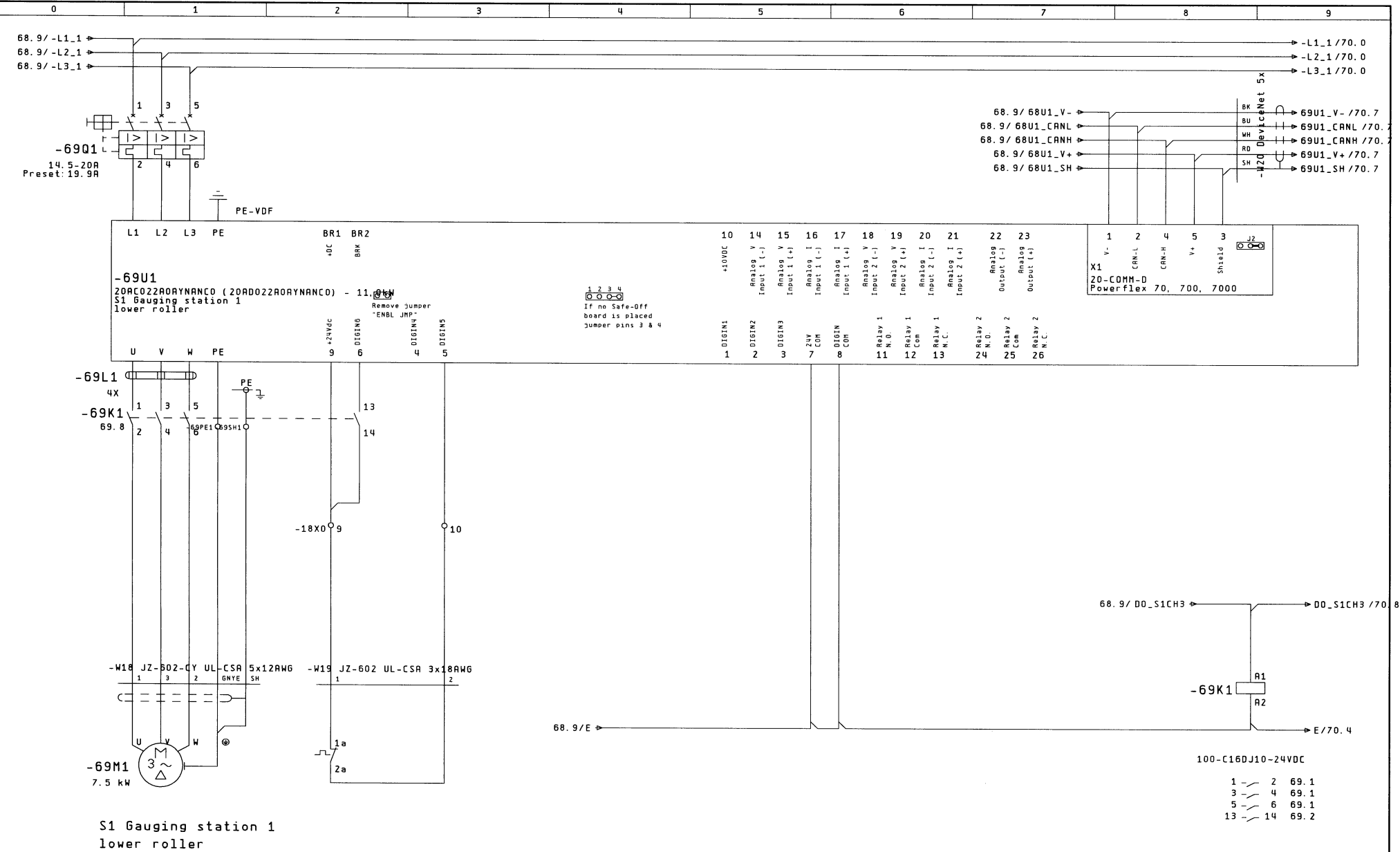


Property of Rademaker Specialists in food processing equipment	RADEMAKER BV Food processing equipment Plant: Jijweg 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	= 6	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	65
		Subject :	S1 Extruder 1 sheeting rollers			Drawn by	WBR	Date	24.01.2008
						Change	WBR	Date change	11.11.2008

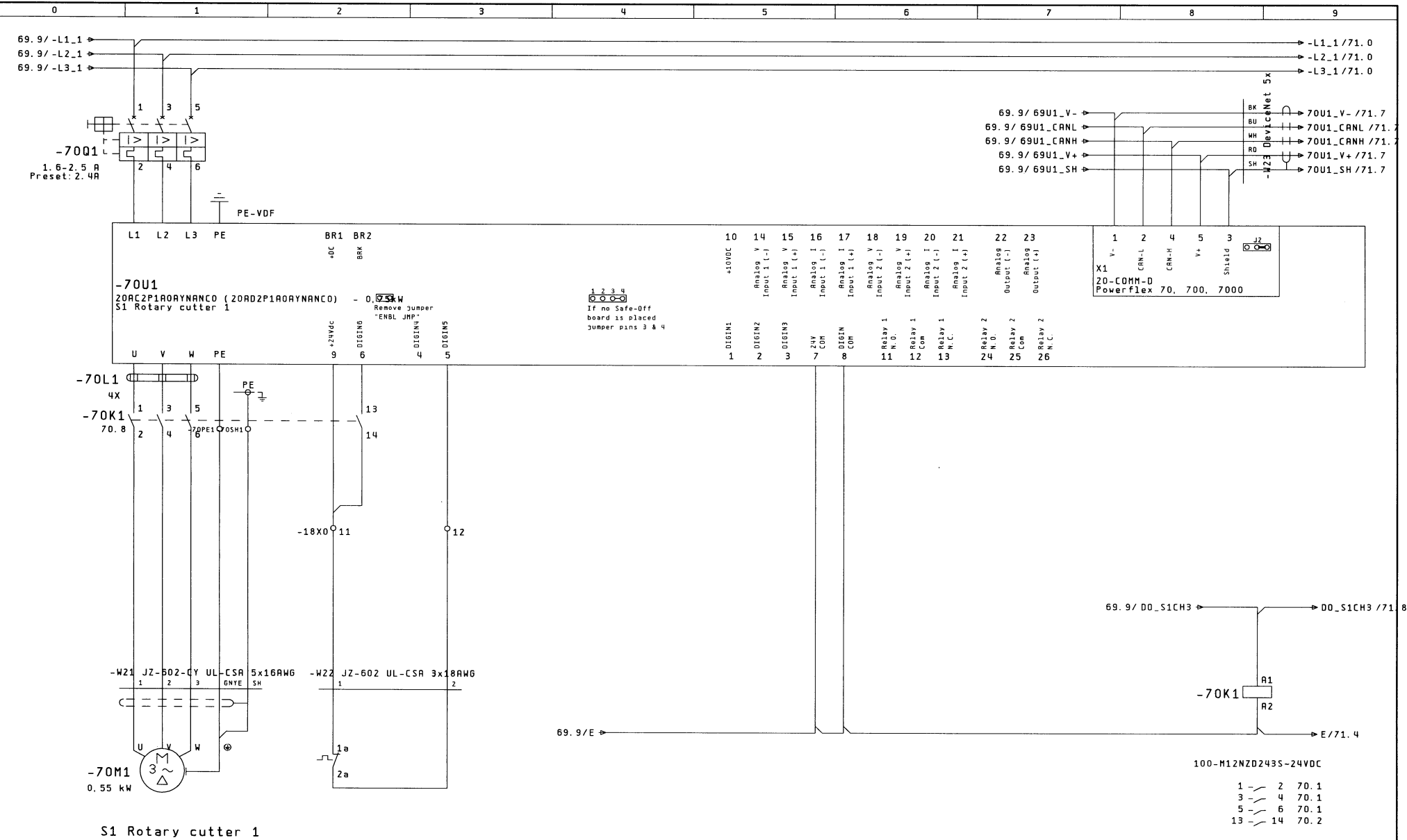


Property of Rademaker Specialists in food processing equipment	RADEMAKER BV Food processing equipment Plantijnweg 23, P.O. Box 416 4100 RK Eindhoven Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	= G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	66
		Subject	S1 Extruder 1 supply roller		Drawn by	WBA	Date	24.01.2008	Accord
					Change	WBA	Date change	11.11.2008	

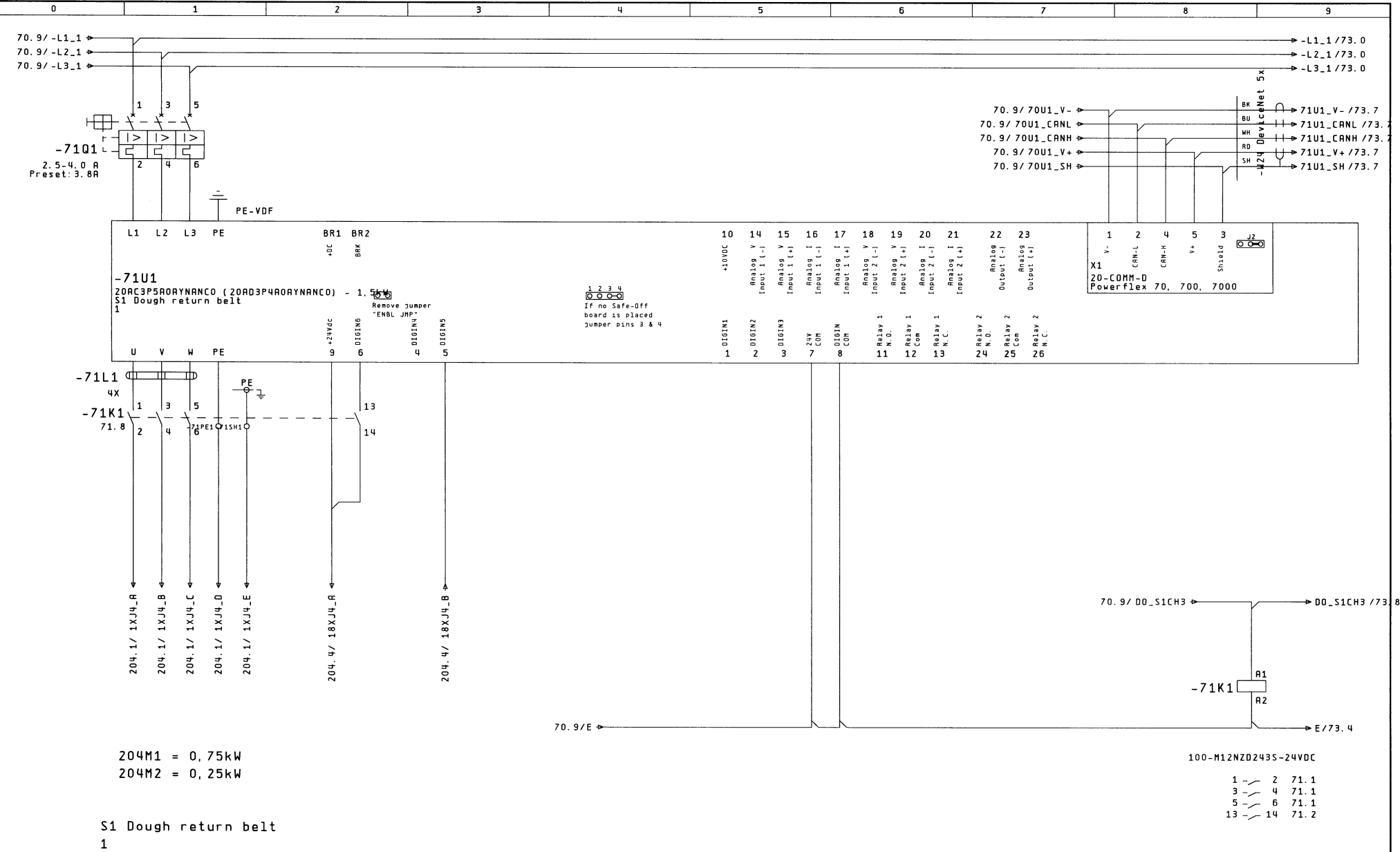


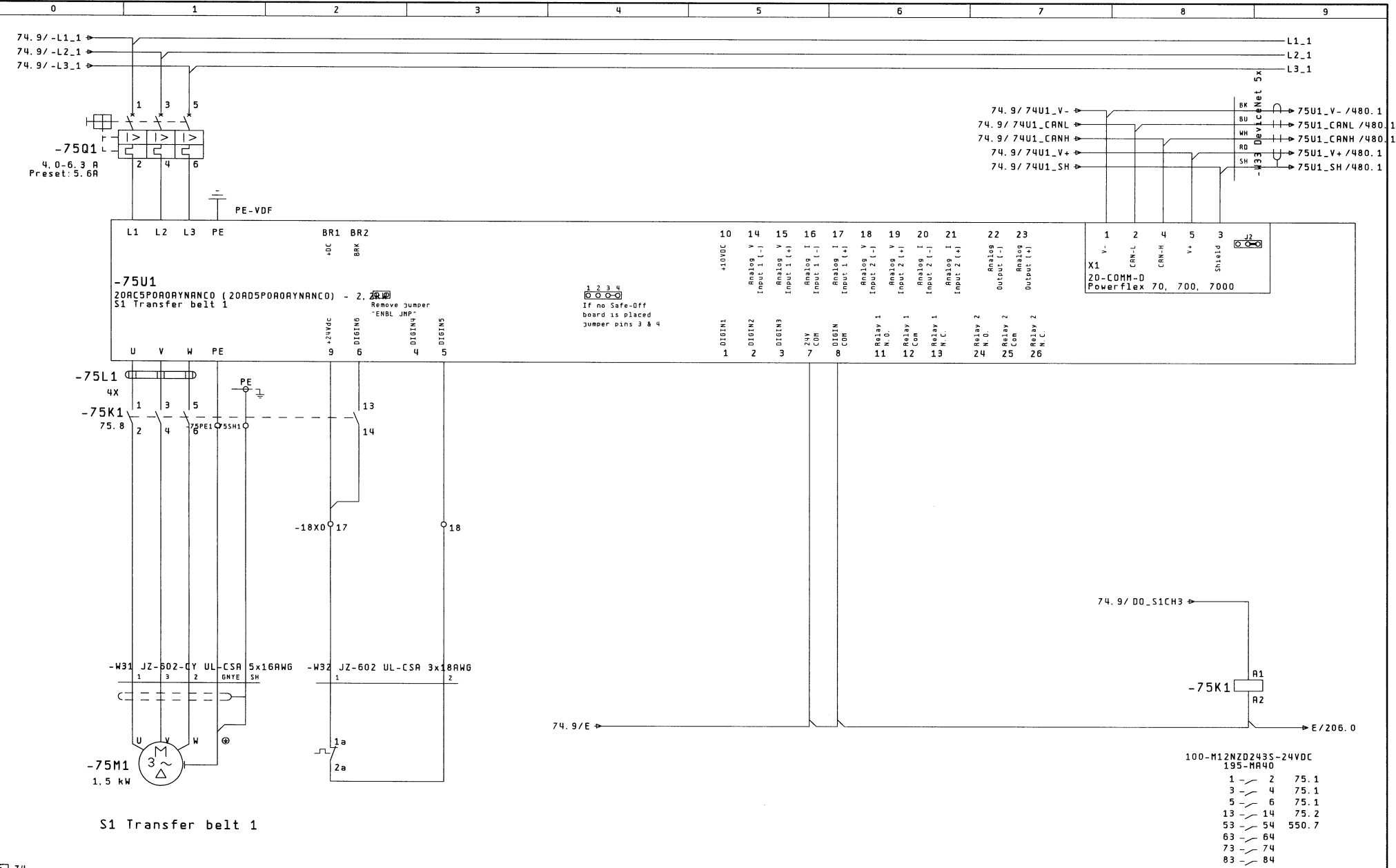


Property of Rademaker Specialists in food processing equipment	RADEMAKER BV Food processing equipment Plantingweg 13, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	=	G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	69
		Subject	S1 Gauging station 1 lower roller			Drawn by	WBA	Date	24.01.2008	Accord
						Change	WBA	Date change	11.11.2008	



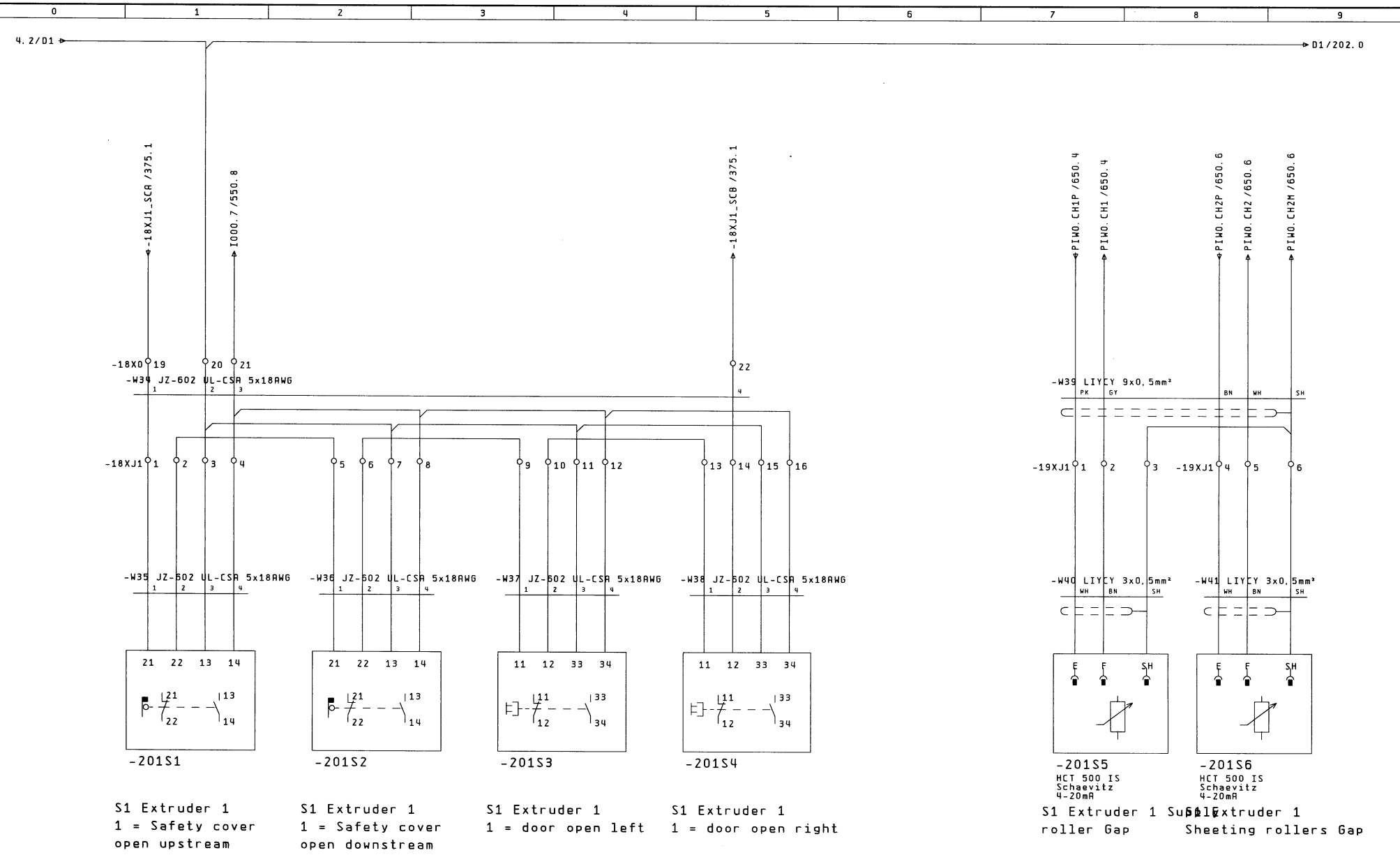
Property of Rademaker Specialists in food processing equipment	RADEMAKER BY Food processing equipment Plant: Jijou 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	= 6	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	70
		Subject	S1 Rotary cutter 1		Drawn by	WBR	Date	24.01.2008	Reccord
					Change	WBR	Date change	11.11.2008	

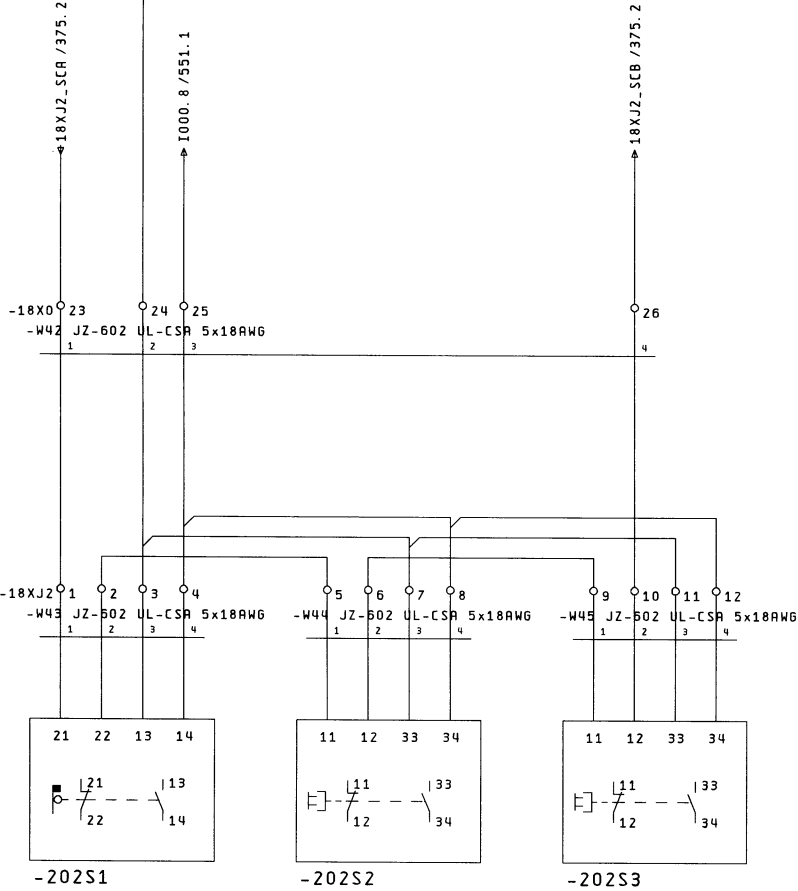




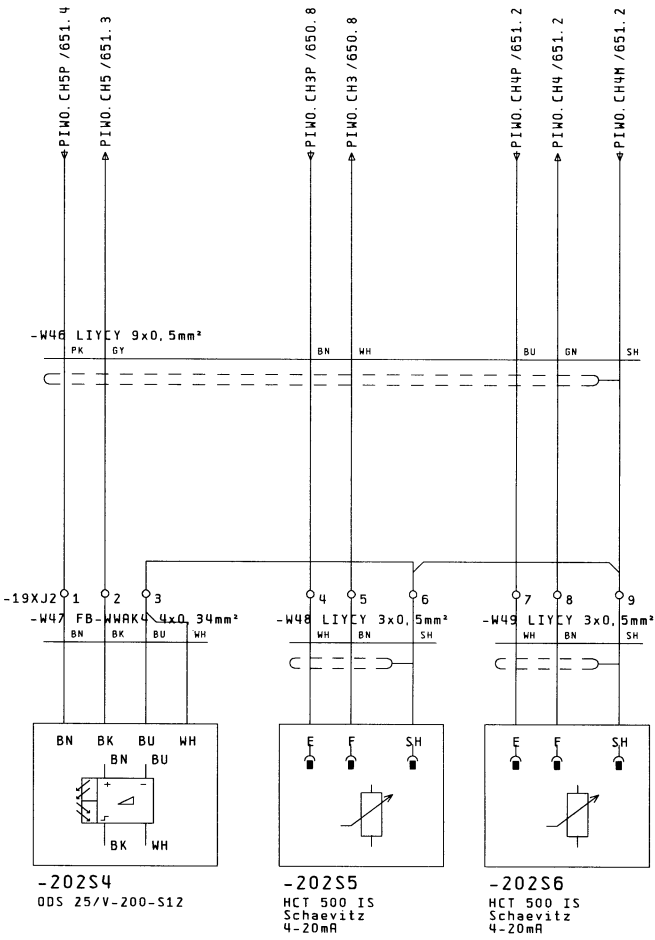
74

Customer	Food Systems Design	=	6	Proj. nr.	7193	Sub.proj.nr.	719395	Page	
Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	75	
Subject	S1 Transfer belt 1			Drawn by	WBA	Date	24.01.2008	Accoord	
				Change	WBA	Date change	11.11.2008		

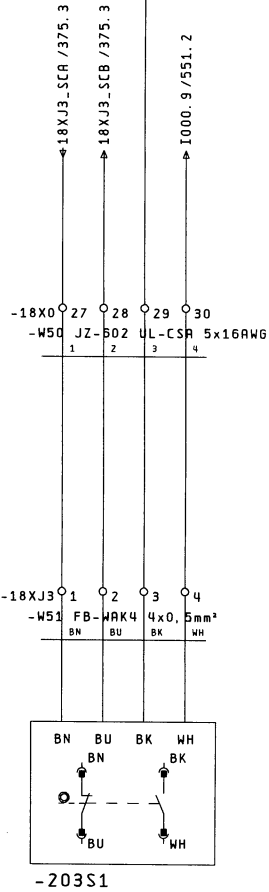




S1 Gauging station 1 S1 Gauging station 1 S1 Gauging station 1
1 = Safety cover open 1 = door open left 1 = door open right

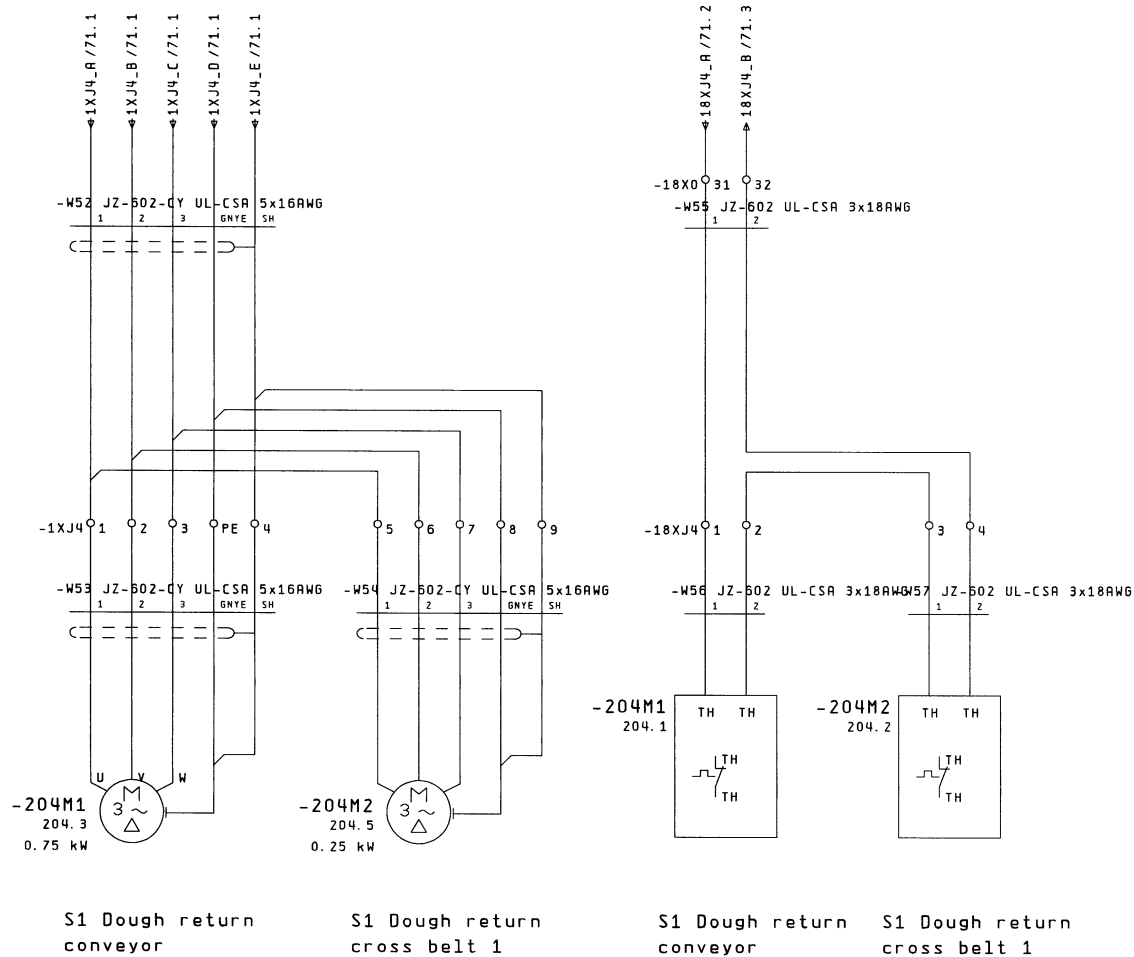


S1 Gauging station 1 S1 Gauging station 1 S1 Gauging station 1
Loop left Gap right Gap

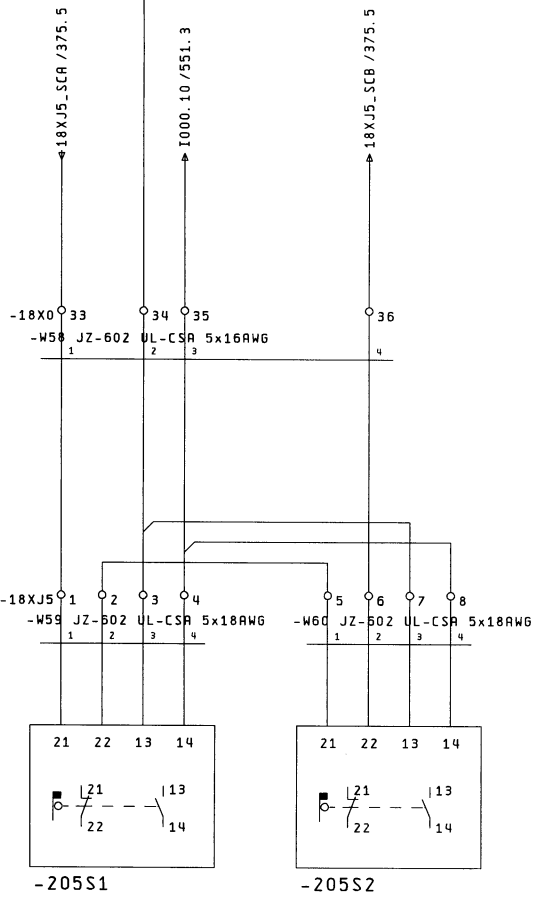


S1 Rotary cutter 1
1 = Safety cover open

0	1	2	3	4	5	6	7	8	9
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		Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	204
		Subject :				Drawn by	WBA	Date	24.01.2008	Accoord
		Module S1 Dough return system 1				Change	WBA	Date change	11.11.2008	



S1 Rotary cutter 2

1 = Safety cover

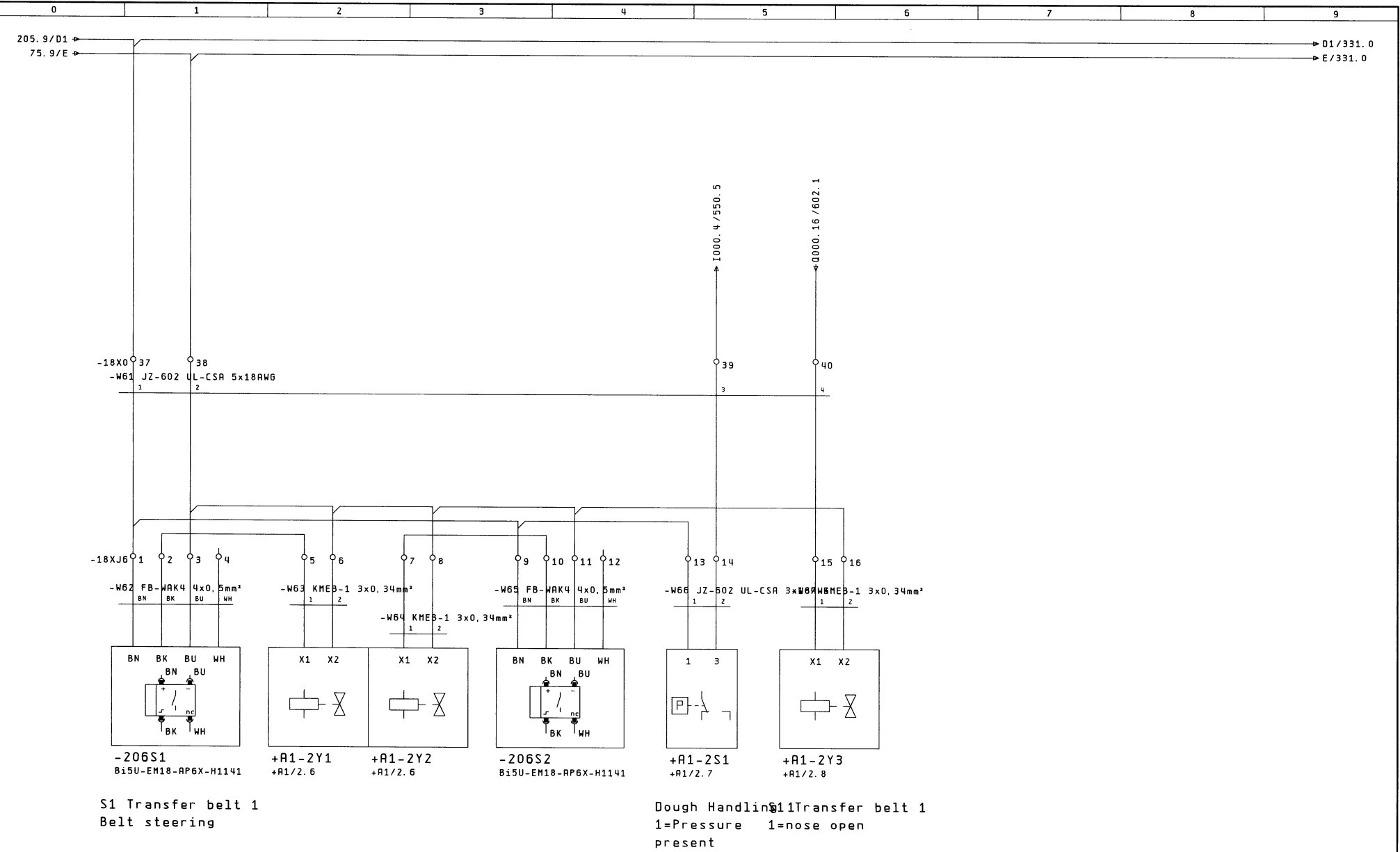
open upstream

S1 Rotary cutter 2

1 = Safety cover

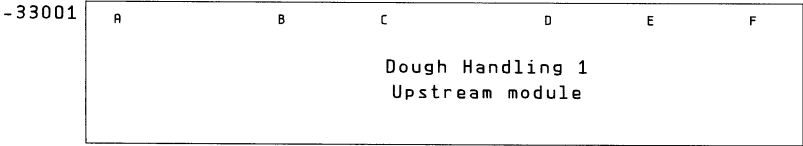
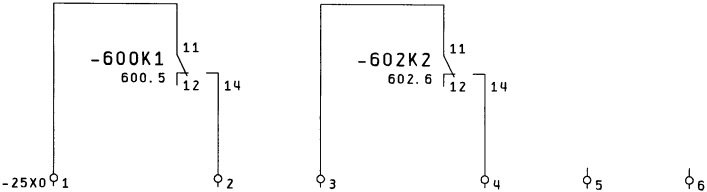
open downstream

Customer	Food Systems Design	= G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	205
Subject			Drawn by	WBR	Date	24.01.2008	Accoord
			Change	WBR	Date change	11.11.2008	
Module S1 Decoration roller 1							



Customer	Food Systems Design	= G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	206
Subject	S1 Transfer belt 1		Drawn by	WBA	Date	24.01.2008	Accord
			Change	WBA	Date change	11.11.2008	

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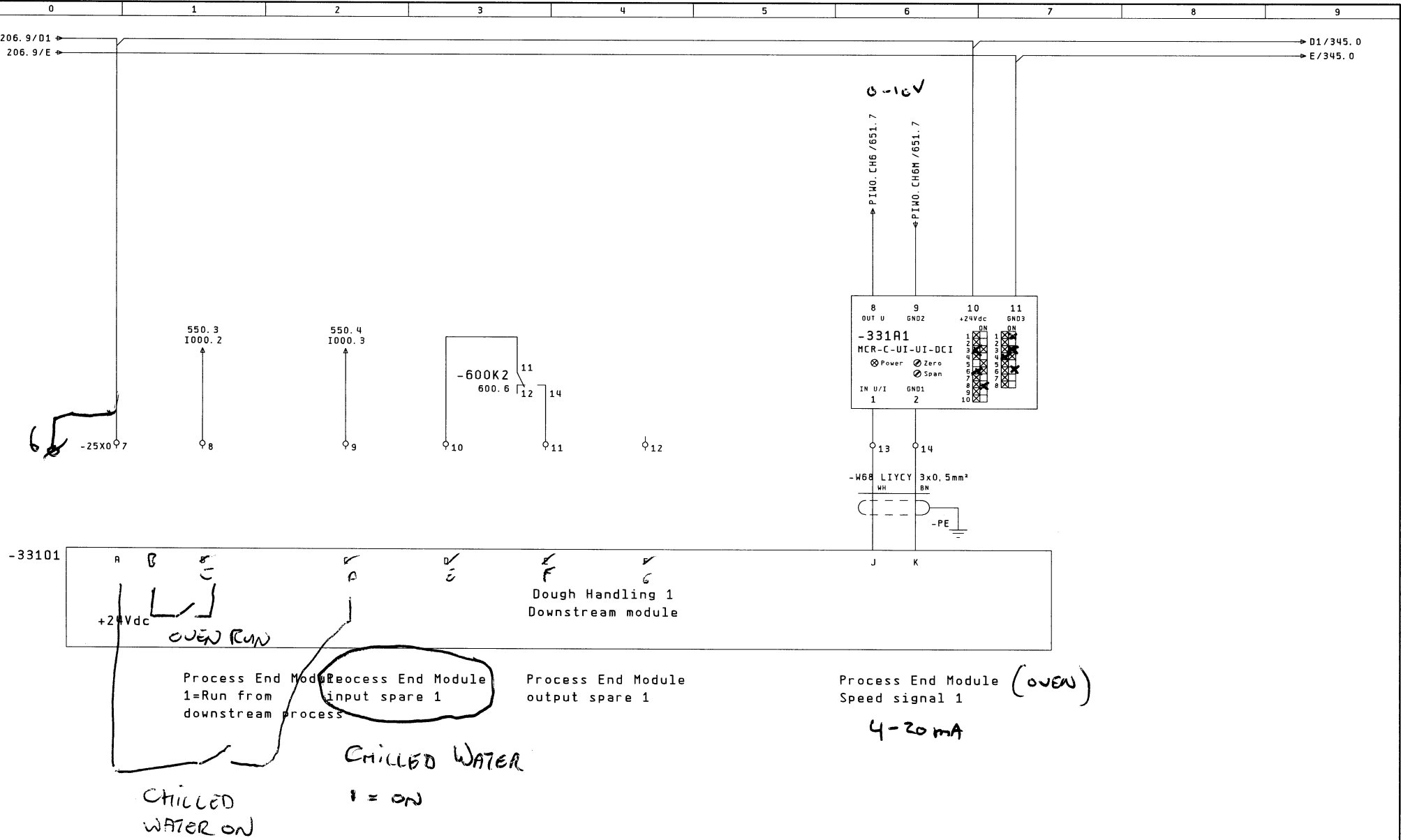
Process Begin Module

1=Ready to receive dough fo upstream process

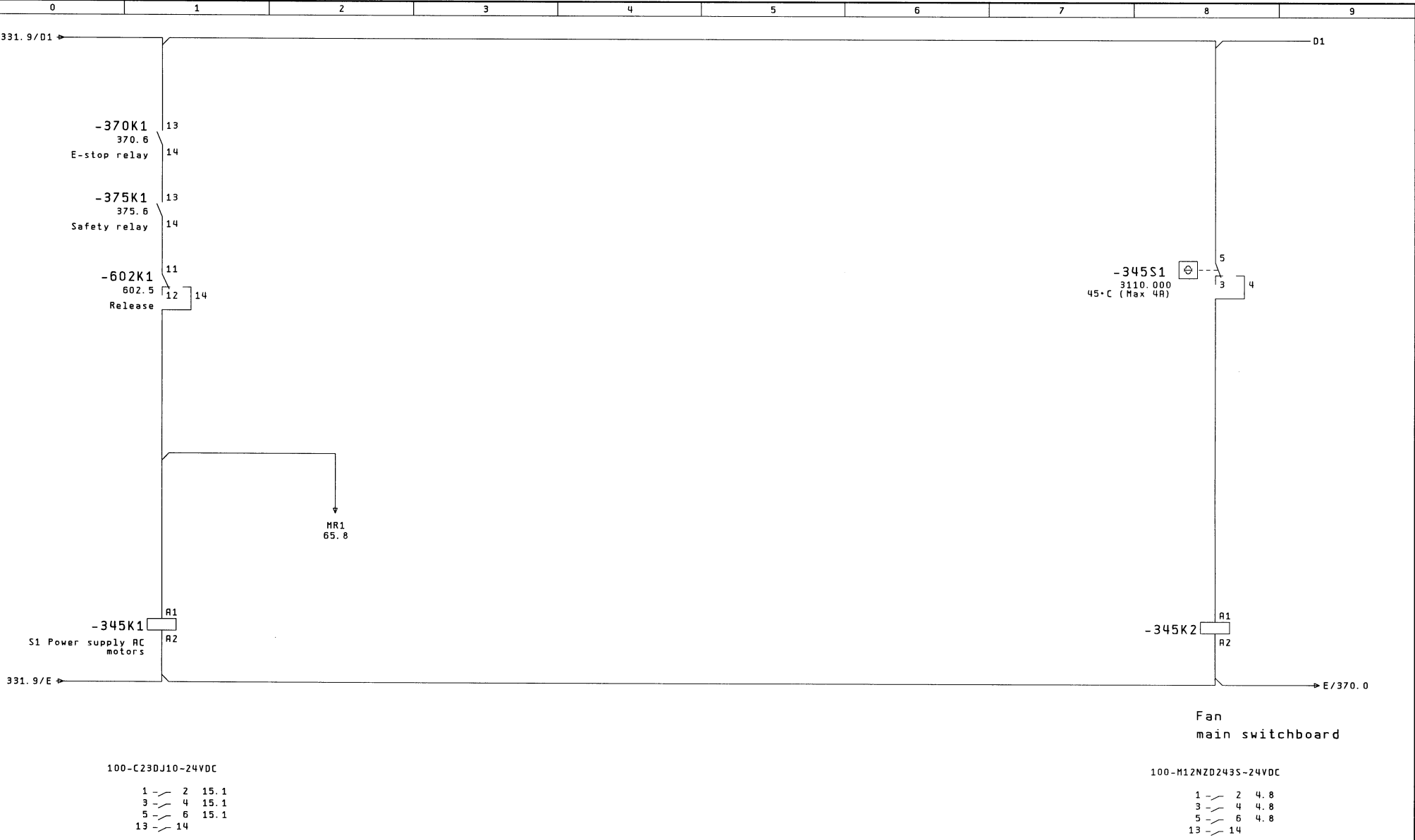
Process Begin Module

Output spare 1

Property of Rademaker Specialists in food processing equipment	RADERMAKER BV Food processing equipment Plantijnweg 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	=	G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	330
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						Change	WBA	Date change	11.11.2008	



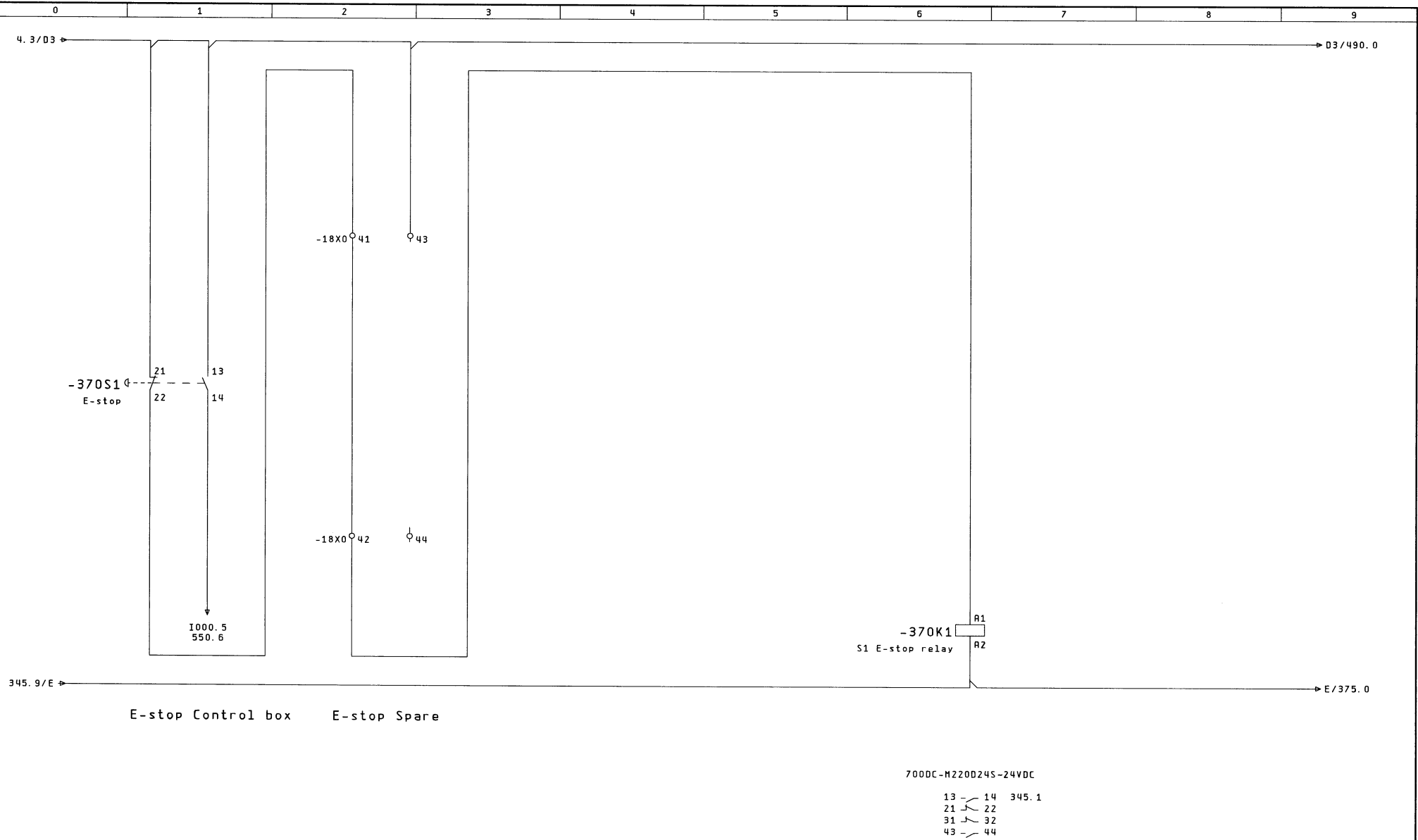
330								345	
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Rademaker		Food Systems Design		+ E		7193		331	
Specialists in food processing equipment		Project name		Sheeting System		Drawing number		Accord	
RADEMAKER BV Food processing equipment Plantijnweg 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590		Subject		Interface with downstream module		Drawn by		Date	
						WBA		24. 01. 2008	
						Change		Date change	
						WBA		25. 03. 2008	



331											370																	
Property of											Customer		Food Systems Design		=		G		Proj. nr.		7193		Sub.proj.nr.		719395		Page	
Rademaker Specialists in food processing equipment											Project name		Sheeting System		+		E		Drawing number		0010000.21844		Rev.		C		345	
											Subject :								Drawn by		WBA		Date		24.01.2008		Accoord	
											Main relays								Change		WBA		Date change		08.04.2008			
RADEMAKER BV Food processing equipment Plandijkweg 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 943549 Fax. + 31(0)345 943550																												

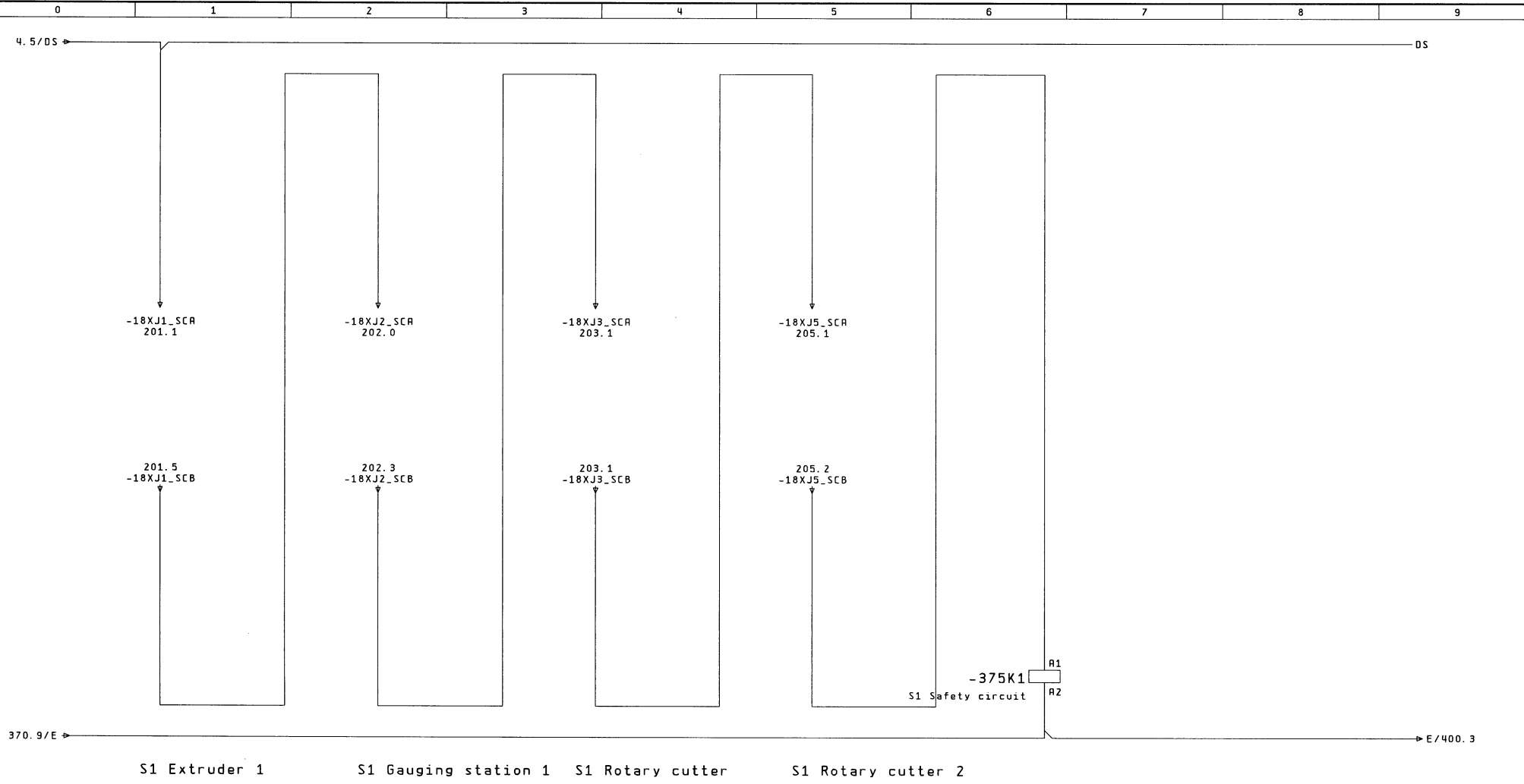
Property of
Rademaker
Specialists in food processing equipment

RADEMAKER BV
Food processing equipment
Plantingweg 23, P.O. Box 416
4100 RK Culemborg
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345

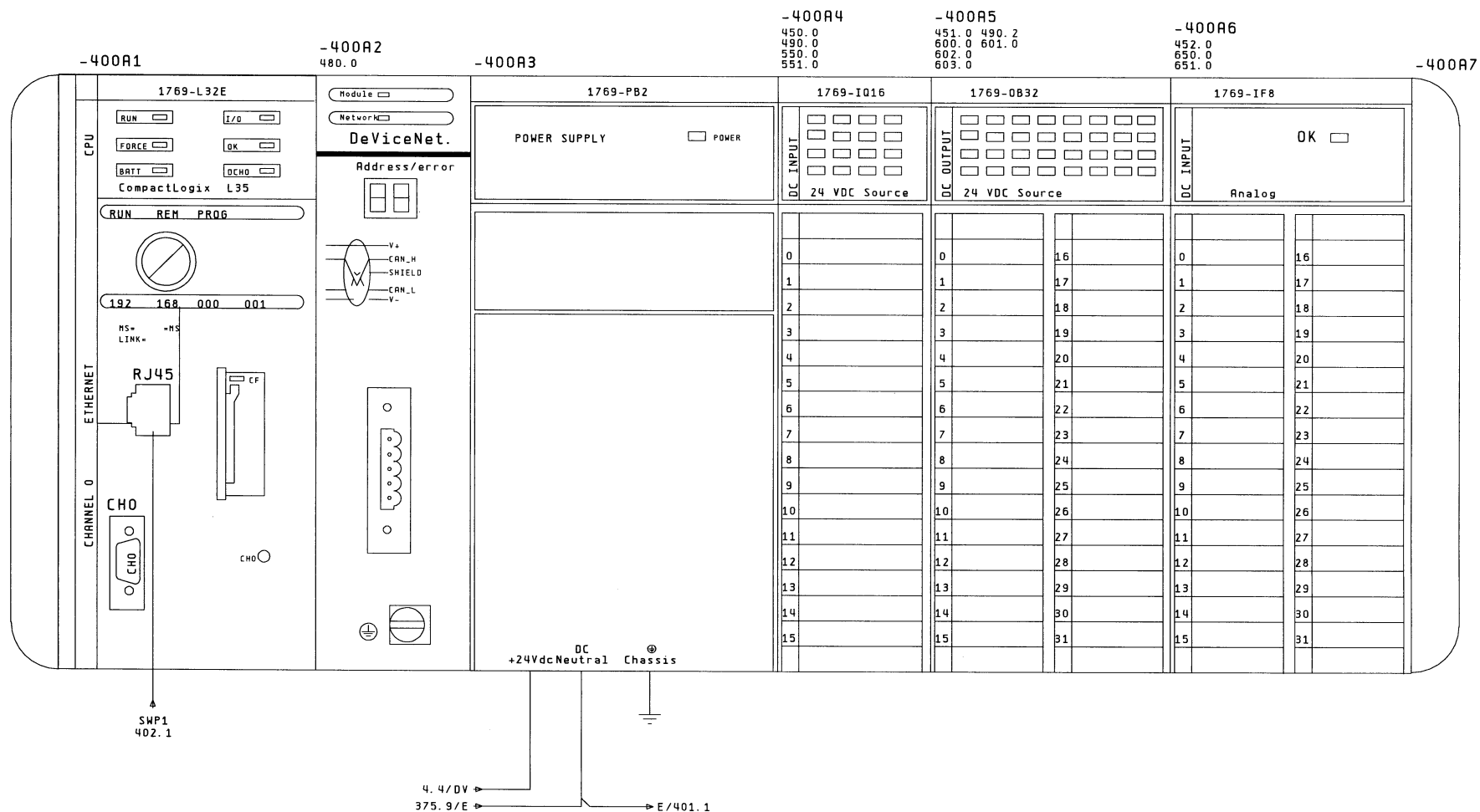
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Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	370
Subject : E-stop circuit				Drawn by	WBR	Date	24.01.2008	Accoord
				Change	WBR	Date change	11.11.2008	



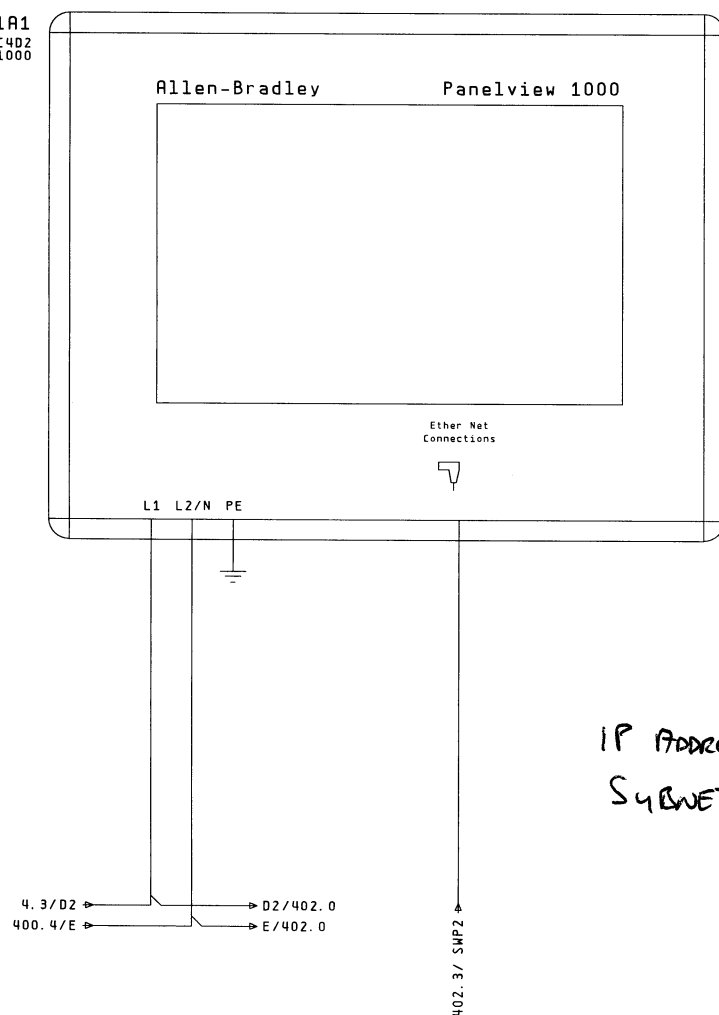
7000C-M220D24S-24VDC

13 ~ 14 345.1
21 ~ 22
31 ~ 32
43 ~ 44

Property of Rademaker <i>Specialists in food processing equipment</i>	RADEMAKER BV Food processing equipment Plantijnweg 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	=	G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	375
		Subject :				Drawn by	WBR	Date	24.01.2008	Accoord
		Safety circuit				Change	WBR	Date change	11.11.2008	



-401A1
2711P-T10C4D2
PanelView Plus 1000

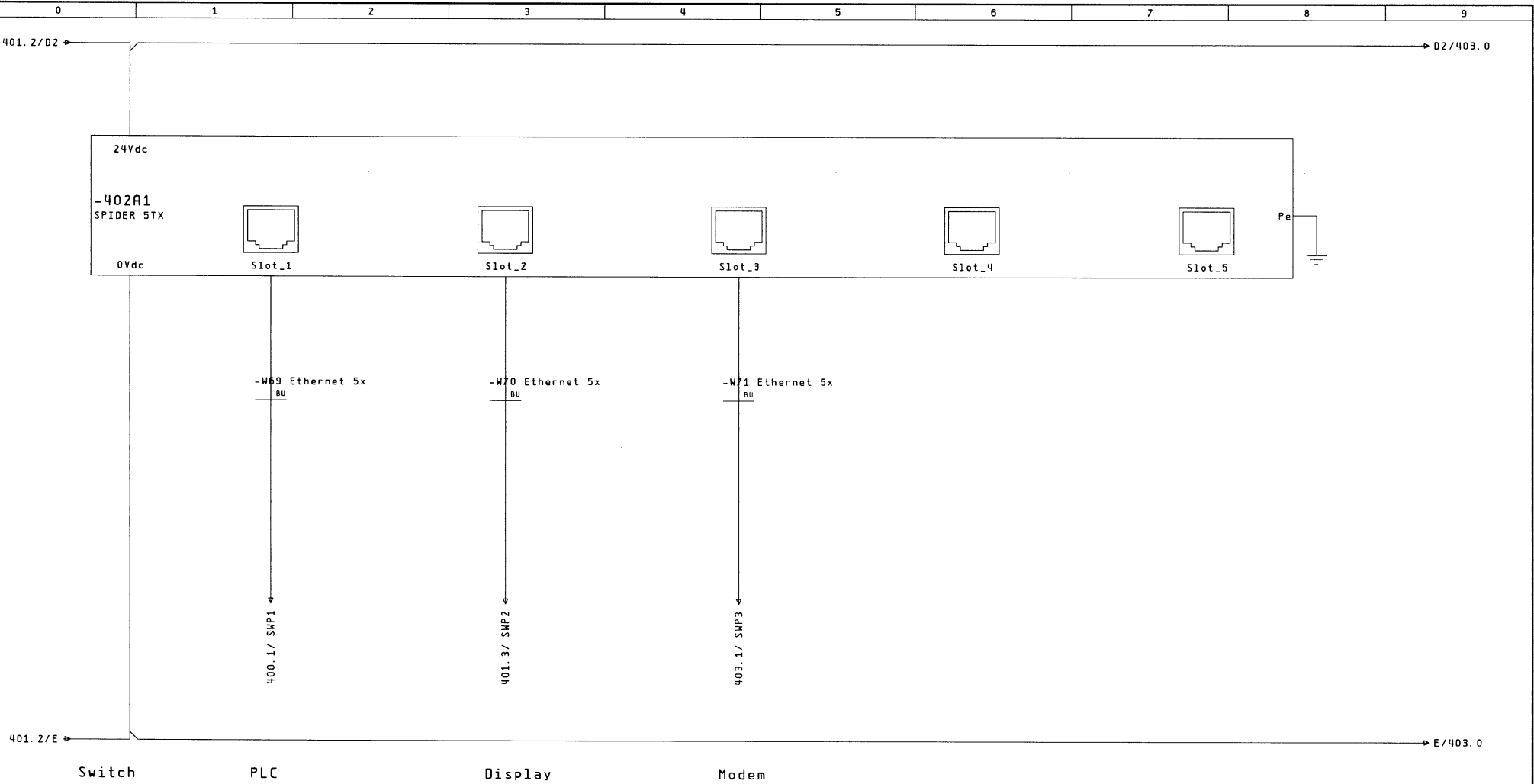


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SUBNET 255.255.255.0

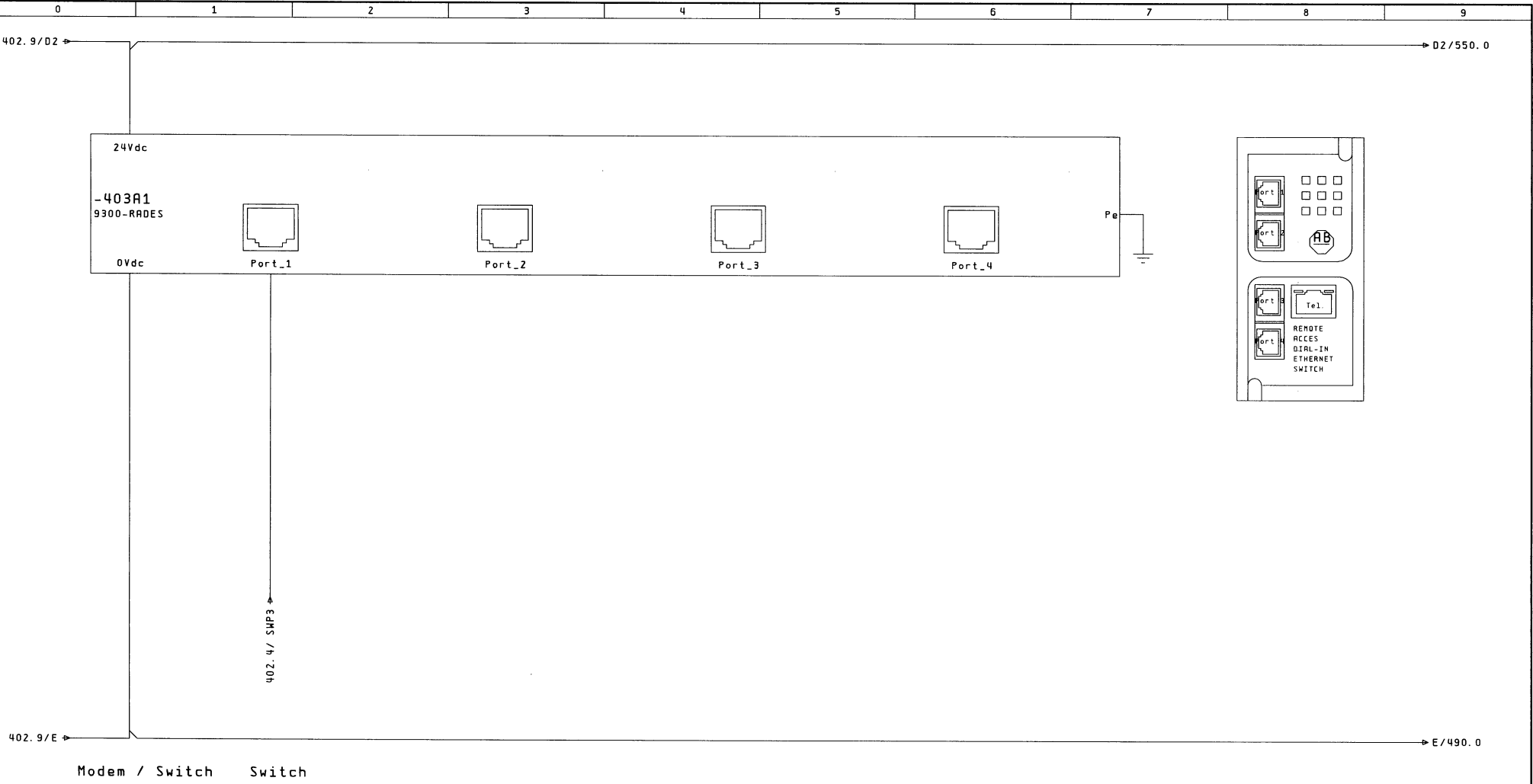
Display
Electric cabinet

Property of Rademaker <i>Specialists in food processing equipment</i>	Customer	Food Systems Design	= 6	Proj. nr.	7193	Sub.proj.nr.	719395	Page
	Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	401
	Subject	Display			Drawn by	WBR	Date	24.01.2008
					Change	WBR	Date change	11.11.2008

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Fax. + 31(0)345 543590



Customer	Food Systems Design	=	G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	402
Subject : Ethernet switch				Drawn by	WBA	Date	24. 01. 2008	Accoord
				Change	WBA	Date change	11. 11. 2008	



402

Customer	Food Systems Design	= 6	Proj. nr.	7193	Sub.proj.nr.	719395	Page
Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	403
Subject :	Modem		Drawn by	WBA	Date	24. 01. 2008	Accoord
			Change	WBA	Date change	11. 11. 2008	

0	1	2	3	4	5	6	7	8	9
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-400A4
400.4

Allen Bradley	
-24VDC10	COM1
I000.00	IN0
I000.10	IN1
I000.20	IN2
I000.30	IN3
I000.40	IN4
I000.50	IN5
I000.60	IN6
I000.70	IN7
I000.80	IN8
I000.90	IN9
I000.100	IN10
I000.110	IN11
I000.120	IN12
I000.130	IN13
I000.140	IN14
I000.150	IN15
-24VDC20	COM2
1769-1016	
24V dc	

/490.1		
/550.1	-99X0:1	Dough Handling 1 spare
/550.2	-99X0:2	Dough Handling 1 spare
/550.3	-25X0:8	Process End Module 1=Run from downstream process <i>OPEN</i>
/550.4	-25X0:9	Process End Module input spare 1 <i>WATER COOLING ON GAUGING STATION</i>
/550.5	+A1-2S1:3	S1 Transfer belt 1 1=Pressure present
/550.6	-370S1:14	S1 Operator panel 1=E-stop present
/550.7	-75K1:54	S1 1=Main relay is on
/550.8	-201S1:14	S1 Extruder 1 1 = Safety cover open
/551.1	-202S1:14	S1 Gauging station 1 1 = Safety cover open
/551.2	-203S1:WH	S1 Rotary cutter 1 1 = Safety cover open
/551.3	-205S1:14	S1 Rotary cutter 2 1 = Safety cover open
/551.4	-99X0:3	Dough Handling 1 spare
/551.5	-99X0:4	Dough Handling 1 spare
/551.6	-99X0:5	Dough Handling 1 spare
/551.7	-99X0:6	Dough Handling 1 spare
/551.8	-99X0:7	Dough Handling 1 spare
/490.1		

Property of Rademaker Specialists in food processing equipment	RADEMAKER BV Food processing equipment Plantijnweg 23, P.O. Box 416 4100 RK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	=	G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	450
		Subject :	PLC-Digital IO-cross-ref			Drawn by	WBA	Date	24.01.2008	Accoord
						Change	WBA	Date change	11.03.2008	

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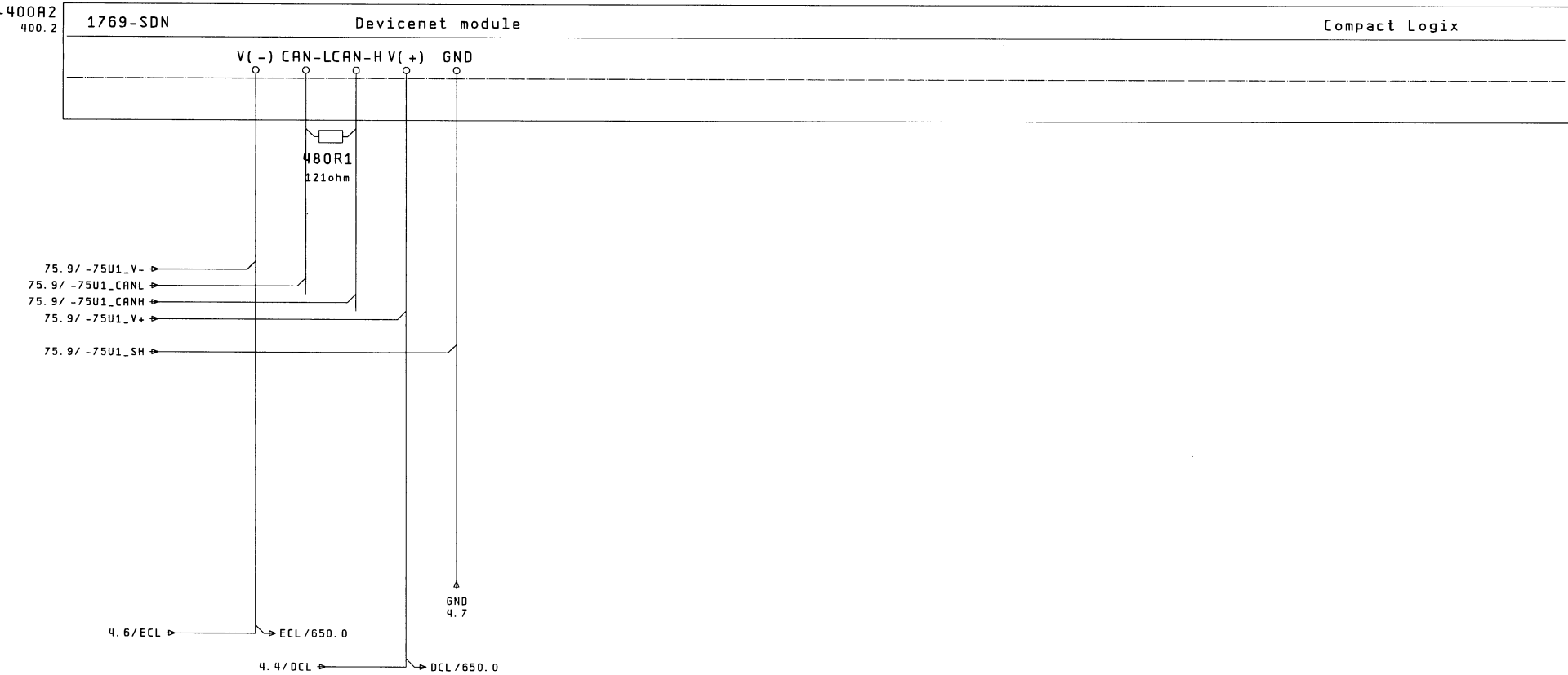
-400A6
400.7

Allen Bradley

V IN 0-O <u>A</u>	/650.1	-400A2: V(-)	Dough Handling 1 Check 10 Vdc power supply
V/I IN 0-O <u>B</u>			
I IN 0-O <u>C</u>	/650.2		
PIWO.CH1O <u>D</u>	/650.3		
V/I IN 1-O <u>E</u>			
I IN 1-O <u>F</u>	/650.4	-201S5: F	S1 Extruder 1 Supply roller Gap
PIWO.CH2O <u>G</u>	/650.5		
V/I IN 2-O <u>H</u>			
I IN 2-O <u>I</u>	/650.6	-201S6: F	S1 Extruder 1 Sheeting rollers Gap
PIWO.CH3O <u>J</u>	/650.7		
V/I IN 3-O <u>K</u>			
I IN 3-O <u>L</u>	/650.8	-202S5: F	S1 Gauging station 1 left Gap
PIWO.CH4O <u>M</u>	/651.1		
V/I IN 4-O <u>N</u>			
I IN 4-O <u>O</u>	/651.2	-202S6: F	S1 Gauging station 1 right Gap
PIWO.CH5O <u>P</u>	/651.3	-202S4: BK	S1 Gauging station 1 Loop
V/I IN 5-O <u>Q</u>			
I IN 5-O <u>R</u>	/651.4		
PIWO.CH6O <u>S</u>	/651.5	-19X0: 17	Dough Handling 1 space WATER COOLING TEMPERATURE GAUGING STATION
V/I IN 6-O <u>T</u>			
I IN 6-O <u>U</u>			
PIWO.CH7O <u>V</u>	/651.7	-331A1: 8	Process End Module 0-10Vdc speed signal
V/I IN 7-O <u>W</u>			
I IN 7-O <u>X</u>			

1769-IF8
24V dc

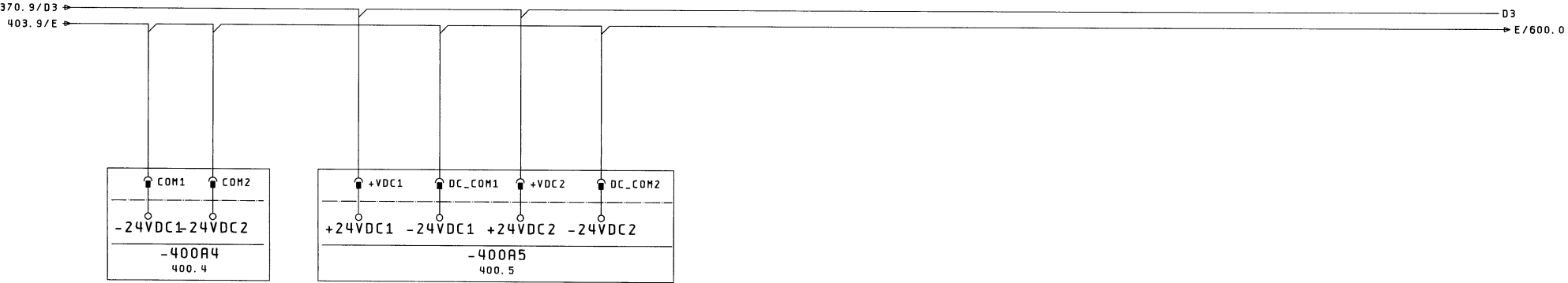
Property of Rademaker Specialists in food processing equipment	RADEMAKER BV Food processing equipment Plantijnweg 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	= G	Prog. nr.	7193	Sub. prog. nr.	719395	Page
		Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	452
		Subject :	PLC-Analog IO-cross-ref			Drawn by	WBA	Date	24.01.2008
					Change	WBA	Date change	11.03.2008	Accoord



Device net

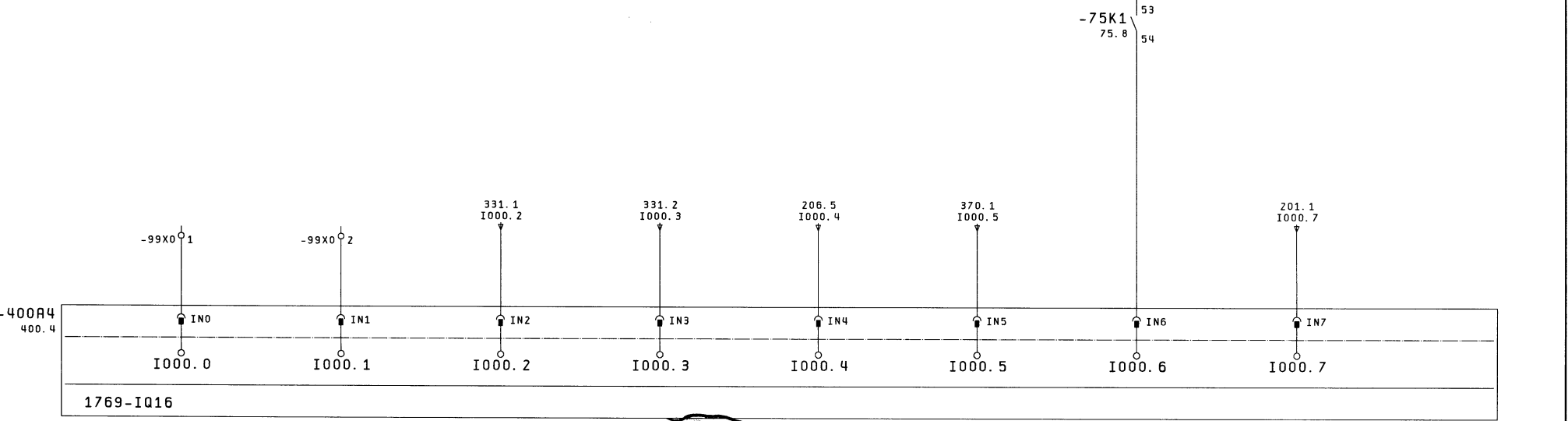
Customer	Food Systems Design	= 6	Proj. nr.	7193	Sub.proj.nr.	719395	Page
Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	480
Subject : PLC power supply I/O-modules			Drawn by	WBR	Date	24.01.2008	Accoord
			Change	WBR	Date change	06.03.2008	

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---



Power supply Digital Power supply Digital
Inputs Outputs
I000. 0-I000. 15 Q000. 0-Q000. 31

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		Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	490
		Subject :			Drawn by	WBA	Date	24. 01. 2008	Accoord
		PLC power supply IO-modules			Change	WBA	Date change	07. 03. 2008	



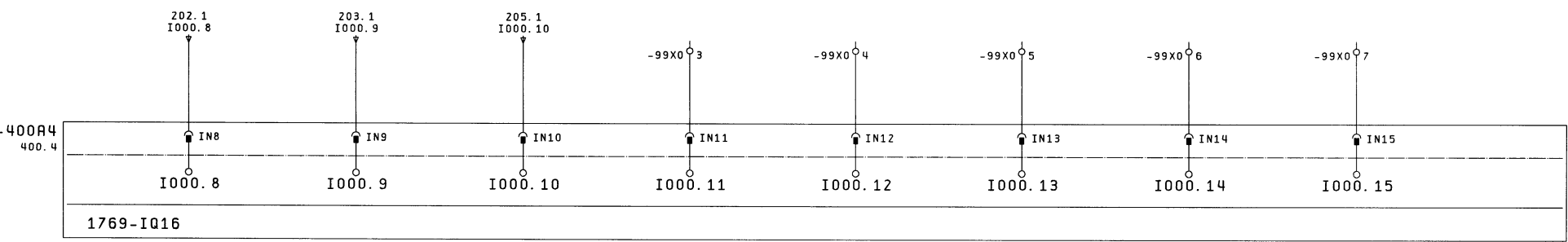
Dough Handling 1Dough Handling 1Process End ModuReprocess End ModuS Transfer beltS1 Operator paneS1 1=Main relay S Extruder 1 1 = spare spare 1=Run from input spare 1 1=Pressure presentE-stop presentation Safety cover open

OVEN RUNNING

CHILLED WATER GSI

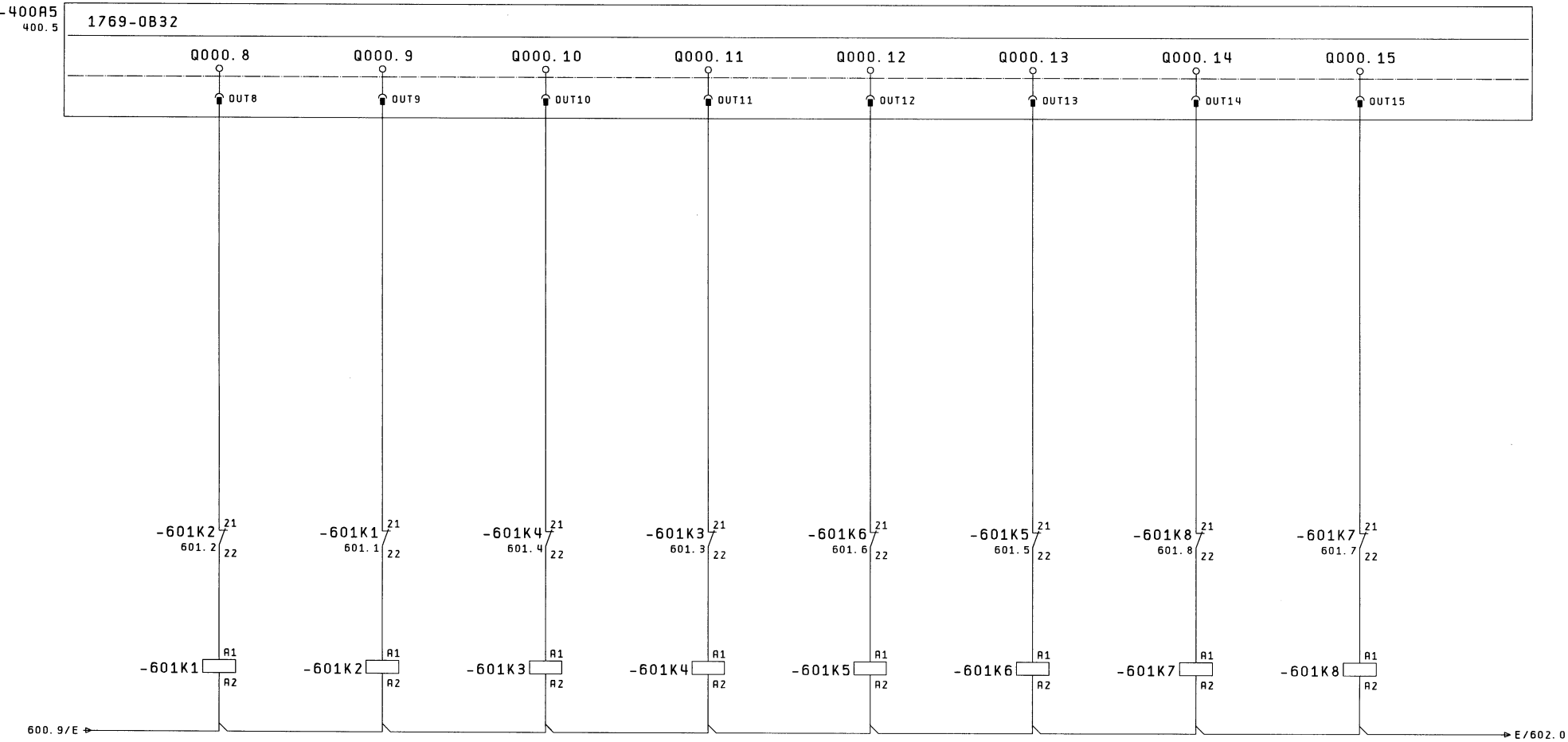
I = ON

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---



S1 Gauging station S1 Rotary cutter Dough Handling 1 Dough Handling 1 Dough Handling 1 Dough Handling 1 Dough Handling 1
1 = Safety cover = Safety cover open Safety covers spare spare spare spare spare
open open

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---



S1 Extruder 1 S1 Extruder 1 S1 Extruder 1 S1 Extruder 1 S1 Extruder 1 S1 Extruder 1 S1 Extruder 1 S1 Extruder 1
Sheeting rollers Sheeting rollers roller 1=Increase roller 1=Decrease roller 1=Increase roller 1=Decrease roller 1=Increase roller 1=Decrease
1=Increase gap 1=Decrease gap gap gap gap gap gap gap
right right

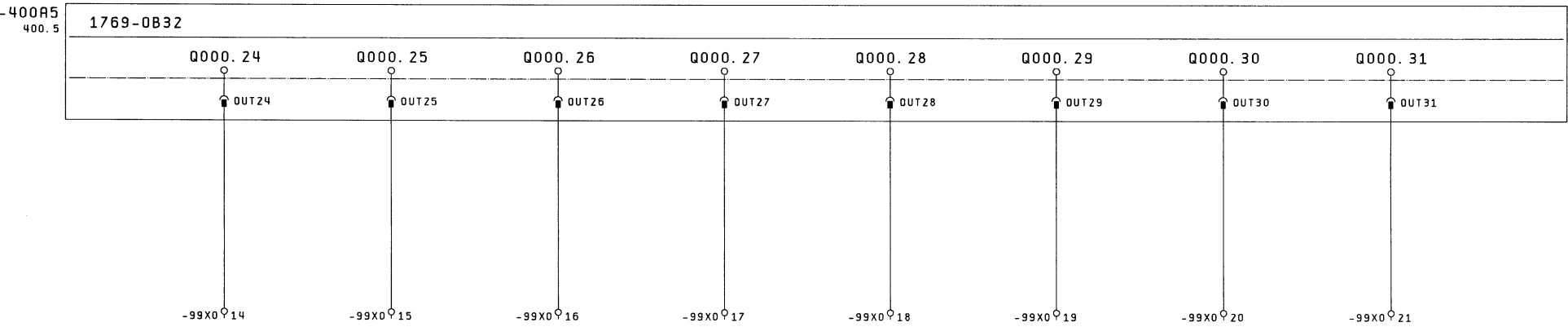
100-M12NZD243S-24VDC 195-MB11	100-M12NZD243S-24VDC 195-MB11	100-M12NZD243S-24VDC 195-MB11	100-M12NZD243S-24VDC 195-MB11	100-M12NZD243S-24VDC 195-MB11	100-M12NZD243S-24VDC 195-MB11	100-M12NZD243S-24VDC 195-MB11	100-M12NZD243S-24VDC 195-MB11
1 - 2 25.1	1 - 2 25.2	1 - 2 25.3	1 - 2 25.4	1 - 2 25.4	1 - 2 25.5	1 - 2 25.6	1 - 2 25.7
3 - 4 25.1	3 - 4 25.2	3 - 4 25.3	3 - 4 25.4	3 - 4 25.5	3 - 4 25.6	3 - 4 25.7	3 - 4 25.8
5 - 6 25.1	5 - 6 25.2	5 - 6 25.3	5 - 6 25.4	5 - 6 25.5	5 - 6 25.6	5 - 6 25.7	5 - 6 25.8
13 - 14	13 - 14	13 - 14	13 - 14	13 - 14	13 - 14	13 - 14	13 - 14
33 - 34	33 - 34	33 - 34	33 - 34	33 - 34	33 - 34	33 - 34	33 - 34
21 - 22 601.2	21 - 22 601.1	21 - 22 601.4	21 - 22 601.3	21 - 22 601.6	21 - 22 601.5	21 - 22 601.8	21 - 22 601.7

600

602

Property of Rademaker Specialists in food processing equipment	RADEMAKER BV Food processing equipment Plant 130460 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	= G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	601
		Subject :			Drawn by	WBR	Date	24.01.2008	Record
		PLC Digital output modules Q000.8 - .15			Change	WBR	Date change	11.11.2008	

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---



602.9/E

E

Spare output

Spare output

Spare output

Spare output

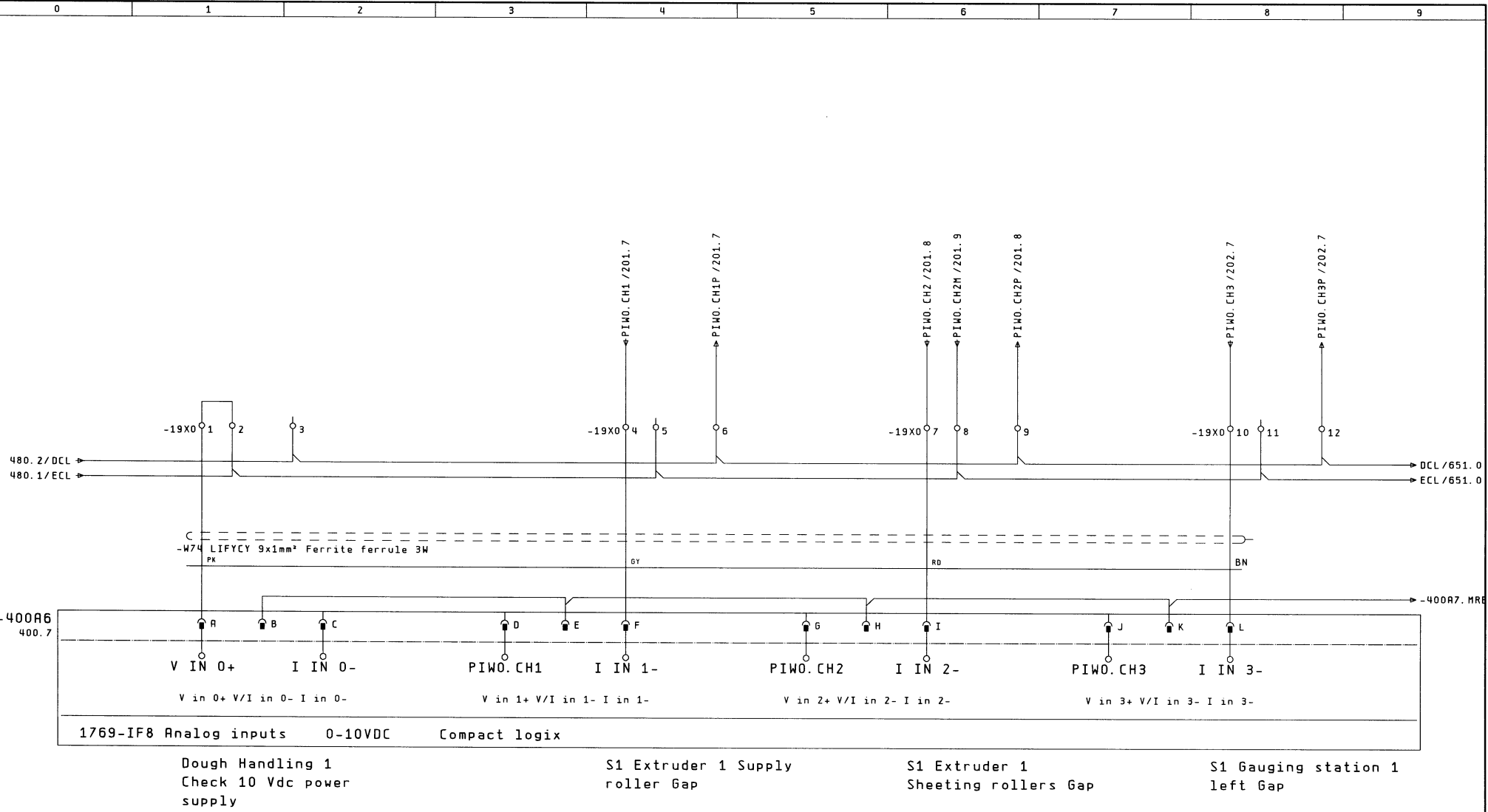
Spare output

Spare output

Spare output

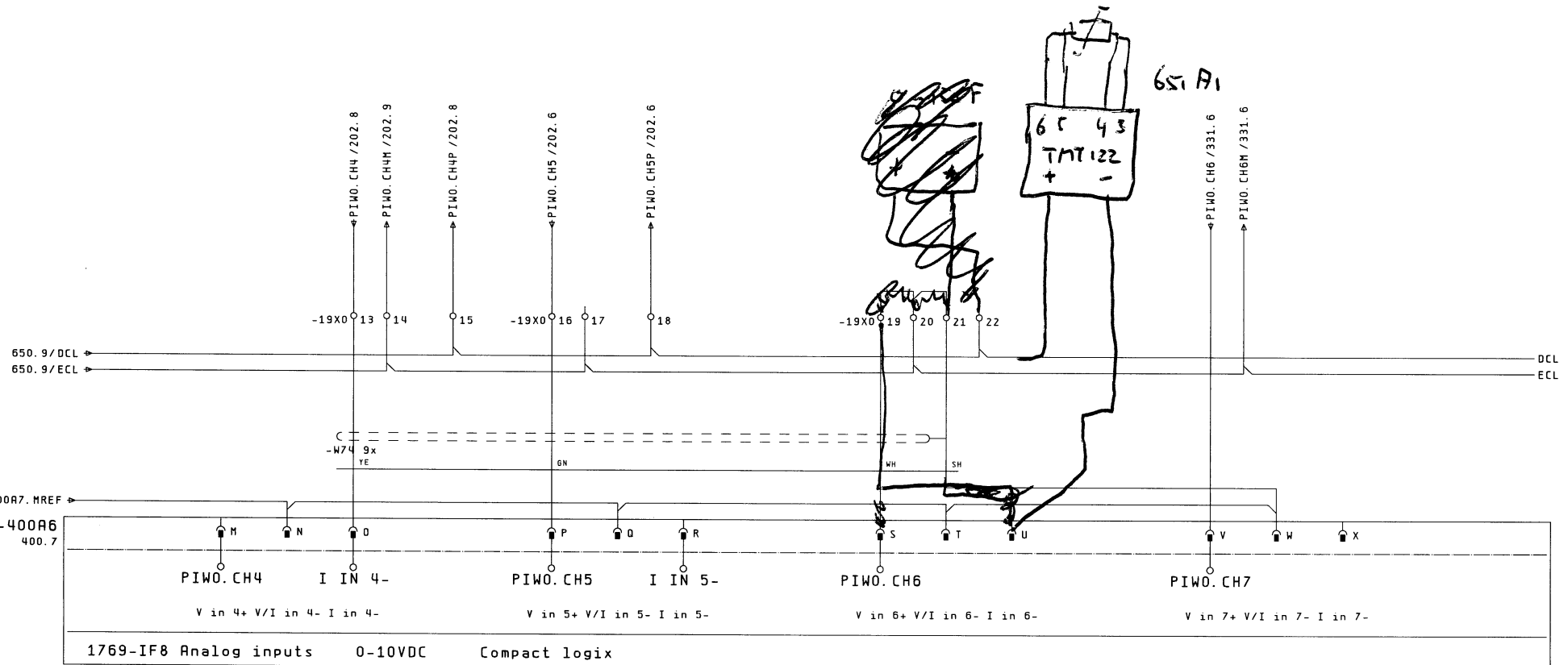
Spare output

602										650									
Property of Rademaker Specialists in food processing equipment		RADEMAKER BV Food processing equipment Plant: Jhuerg 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590		Customer		Food Systems Design		= G		Proj. nr.		7193		Sub.proj.nr.		719395		Page	
				Project name		Sheeting System		+ E		Drawing number		0010000.21844		Rev.		C		603	
				Subject :		PLC Digital output modules Q000.18		Drawn by		WBA		Date		24.01.2008		Accoord			
										Change		WBA		Date change		11.11.2008			



Customer	Food Systems Design	= 6	Proj. nr.	7193	Sub.proj.nr.	719395	Page
Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	650
Subject :	PLC Analog input modules		Drawn by	WBR	Date	24.01.2008	Reccord
			Change	WBR	Date change	11.11.2008	

192.168.120.15 PLC
16 HM1



S1 Gauging station right Gap
S1 Gauging station 1 Loop

Dough Handling 1
~~SPARE~~ CHILLED WATER
TEMPERATURE
GAUGING STATION 1

Process End Module
0-10Vdc speed
signal

650

998

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		Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	651	
		Subject :								Accoord
		PLC Analog input modules	Drawn by	WBA	Date	24.01.2008				
				Change	WBA	Date change	11.11.2008			

998

Customer	Food Systems Design	=	G	Proj. nr.	7193	Sub. proj. nr.	719395	Page
Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	999
Subject :				Drawn by	WBA	Date	24.01.2008	Accoord
Spare terminal list page for changes				Change	HWA	Date change	15.11.2005	

0	1	2	3	4	5	6	7	8	9
Main switchboard 0X0=0X0 480V - Terminal strip for power supply connection 1X0=1X0 400V - Terminal strip in Main switchboard 18X0=18X0 24Vdc - Terminal strip in Main switchboard 19X0=19X0 24Vdc clean - Terminal strip in Main switchboard 25X0=25X0 Terminal strip for connections with external line 99X0=99X0 Terminal strip for spare PLC-I/O Operating panel									

0	1	2	3	4	5	6	7	8	9
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-100301
DUMMY FOR EXTRA PARTS

Customer	Food Systems Design	=	G	Proj. nr.	7193	Sub. proj. nr.	719395	Page
Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	1003
Subject : Extra parts				Drawn by	WBA	Date	24. 01. 2008	Accoord
				Change	WBA	Date change	07. 03. 2008	

Property of

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1005

1004

0	1	2	3	4	5	6	7	8	9
Terminalstrip coding									
=G+E-1X0									
Description	Part code external	Connection						Part code internal	Page/position
Fan main switchboard	-4M1	U						2 -345K2	/4. 8
"	-4M1	V						4 -345K2	/4. 8
"	-4M1	W						6 -345K2	/4. 8
"	-4M1	PE							/4. 8
S1 Extruder 1 Gap adjustment Sheeting rollers	-25M1	U						2 -601K1	/25. 1
"	-25M1	V						4 -601K1	/25. 1
"	-25M1	W						6 -601K1	/25. 1
"	-25M1	PE							/25. 1
S1 Extruder 1 Gap adjustment Supply rollers	-25M2	U						2 -601K3	/25. 3
"	-25M2	V						4 -601K3	/25. 3
"	-25M2	W						6 -601K3	/25. 3
"	-25M2	PE							/25. 3
S1 Gauging station 1 Gap adjustment left	-25M3	U						2 -601K5	/25. 4
"	-25M3	V						4 -601K5	/25. 5
"	-25M3	W						6 -601K5	/25. 5
"	-25M3	PE							/25. 5
S1 Gauging station 1 Gap adjustment right	-25M4	U						2 -601K7	/25. 6
"	-25M4	V						4 -601K7	/25. 6
"	-25M4	W						6 -601K7	/25. 7
"	-25M4	PE							/25. 7
									/1000. 0

1005

1006. 1

Property of Rademaker Specialists in food processing equipment	Customer	Food Systems Design	= G	Proj. nr.	7193	Sub. proj. nr.	719395	Page
	Project name	Sheeting System	+ E	Drawing number	0010000. 21844	Rev.	C	1006
	Subject :	1X0 400V - Terminal strip in Main switchboard		Drawn by	WBR	Date	24. 01. 2008	Accoord
				Change	WBR	Date change	11. 11. 2008	

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1006 1007

Customer	Food Systems Design	=	G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	1007
Subject :	1XJ4 Freq.controlled RVS 150x150 S1 Dough return conveyor			Drawn by	WBA	Date	24.01.2008	Record
				Change	WBA	Date change	11.11.2008	

1007

0	1	2	3	4	5	6	7	8	9
Terminalstrip coding									
=G+E-18X0									
Description	Part code external	Connection						Part code internal	Page/position
S1 Transfer belt 1	-75M1	1a						9 -75U1	/75. 2
=	-75M1	2a						5 -75U1	/75. 3
S1 Extruder 1 1 = Safety cover open upstream	-18XJ1	1						2 -4F6	/201. 1
=	-18XJ1	3						2 -4F2	/201. 1
=	-18XJ1	4						IN7 -400R4	/201. 1
S1 Extruder 1 1 = door open right	-18XJ1	14							/201. 5
S1 Gauging station 1 1 = Safety cover open	-18XJ2	1							/202. 0
=	-18XJ2	3							/202. 1
=	-18XJ2	4						IN8 -400R4	/202. 1
S1 Gauging station 1 1 = door open right	-18XJ2	10							/202. 3
S1 Rotary cutter 1 1 = Safety cover open	-18XJ3	1							/203. 1
=	-18XJ3	2							/203. 1
=	-18XJ3	3							/203. 1
=	-18XJ3	4						IN9 -400R4	/203. 1
S1 Dough return conveyor	-18XJ4	1						9 -71U1	/204. 4
=	-18XJ4	4						5 -71U1	/204. 4
S1 Rotary cutter 2 1 = Safety cover open upstream	-18XJ5	1							/205. 1
=	-18XJ5	3							/205. 1
=	-18XJ5	4						IN10 -400R4	/205. 1
S1 Rotary cutter 2 1 = Safety cover open downstream	-18XJ5	6						A1 -375K1	/205. 2
S1 Transfer belt 1 Belt steering	-18XJ6	1						7 -25X0	/206. 1

1008

1008. 2

Property of		Customer		= 6		Proj. nr.		Sub.proj.nr.		Page	
Rademaker		Food Systems Design		+ E		7193		719395		1008. 1	
Specialists in food processing equipment		Project name		Sheeting System		Drawing number		Rev.		Accoord	
		Subject :		18X0 24Vdc - Terminal strip in Main switchboard		Drawn by		Date			
						Change		Date change			

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Proj. nr. 7193
 Sub.proj.nr. 719395
 Drawing number 0010000.21844
 Rev. C
 Drawn by WBA
 Date 24.01.2008
 Change WBA
 Date change 11.11.2008

1008. 2

1008.3 1010

1009 1011

1010

1011

1012

1013

0	1	2	3	4	5	6	7	8	9
Terminalstrip coding									
=G+E-19X0									
Description	Part code external	Connection						Part code internal	Page/position
Dough Handling 1 Check 10 Vdc power supply									
"									
"									
S1 Extruder 1 Supply roller Gap	-19XJ1	2							
"									
"	-19XJ1	1							
S1 Extruder 1 Sheeting rollers Gap	-19XJ1	5							
"	-19XJ1	6							
"	-19XJ1	4							
S1 Gauging station 1 left Gap	-19XJ2	5							
"									
"	-19XJ2	4							
S1 Gauging station 1 right Gap	-19XJ2	8							
"	-19XJ2	9							
"	-19XJ2	7							
S1 Gauging station 1 Loop	-19XJ2	2							
"									
"	-19XJ2	1							
Dough Handling 1 Spare									
"									
"									

1015.1

1016

1017

Cable view

Cable code	From	To	Cable type	Total Cores	Used Cores	Not used Cores	Diameter mm² / AWG	Length m	Remarks	Graphics Page
=G+E-W1	-1X0	-4M1	JZ-602 UL-CSA	4/PE	4/PE	0	16	-	Fan main swichboard	
=G+E-W2	-1X0	-25M1	JZ-602 UL-CSA	4/PE	4/PE	0	16	-	S1 Extruder 1 Gap adjustment Sheeting rollers	
=G+E-W3	-1X0	-25M2	JZ-602 UL-CSA	4/PE	4/PE	0	16	-	S1 Extruder 1 Gap adjustment Supply rollers	
=G+E-W4	-1X0	-25M3	JZ-602 UL-CSA	4/PE	4/PE	0	16	-	S1 Gauging station 1 Gap adjustment left	
=G+E-W5	-1X0	-25M4	JZ-602 UL-CSA	4/PE	4/PE	0	16	-	S1 Gauging station 1 Gap adjustment right	
=G+E-W6			JZ-602-CY UL-CSA	5/PE	5/PE	0	12	-	S1 Extruder 1 sheeting rollers	
	-65K1	-65M1		5/PE	3		12		S1 Extruder 1 sheeting rollers	
	-65PE1	-65M1		5/PE	1/PE		12		S1 Extruder 1 sheeting rollers	
	-65SH1	-65M1		5/PE	1		12		S1 Extruder 1 sheeting rollers	
=G+E-W7	-18X0	-65M1	JZ-602 UL-CSA	3/PE	2	1	18	-	S1 Extruder 1 sheeting rollers	
=G+E-W8	-65U1-X1	-66U1-X1	DeviceNet	5	5	0	-	-	S1 Extruder 1 sheeting rollers	
=G+E-W9			JZ-602-CY UL-CSA	5/PE	5/PE	0	12	-	S1 Extruder 1 supply roller	
	-66K1	-66M1		5/PE	3		12		S1 Extruder 1 supply roller	
	-66PE1	-66M1		5/PE	1/PE		12		S1 Extruder 1 supply roller	
	-66SH1	-66M1		5/PE	1		12		S1 Extruder 1 supply roller	
=G+E-W10	-18X0	-66M1	JZ-602 UL-CSA	3/PE	2	1	18	-	S1 Extruder 1 supply roller	
=G+E-W11	-66U1-X1	-67U1-X1	DeviceNet	5	5	0	-	-	S1 Extruder 1 supply roller	
=G+E-W12			JZ-602-CY UL-CSA	5/PE	5/PE	0	16	-	S1 Gauging station 1 supply belt	
	-67K1	-67M1		5/PE	3		16		S1 Gauging station 1 supply belt	
	-67PE1	-67M1		5/PE	1/PE		16		S1 Gauging station 1 supply belt	
	-67SH1	-67M1		5/PE	1		16		S1 Gauging station 1 supply belt	
=G+E-W13	-18X0	-67M1	JZ-602 UL-CSA	3/PE	2	1	18	-	S1 Gauging station 1 supply belt	
=G+E-W14	-67U1-X1	-68U1-X1	DeviceNet	5	5	0	-	-	S1 Gauging station 1 supply belt	
=G+E-W15			JZ-602-CY UL-CSA	5/PE	5/PE	0	12	-	S1 Gauging station 1 upper roller	
	-68K1	-68M1		5/PE	3		12		S1 Gauging station 1 upper roller	
	-68PE1	-68M1		5/PE	1/PE		12		S1 Gauging station 1 upper roller	
	-68SH1	-68M1		5/PE	1		12		S1 Gauging station 1 upper roller	
=G+E-W16	-18X0	-68M1	JZ-602 UL-CSA	3/PE	2	1	18	-	S1 Gauging station 1 upper roller	
=G+E-W17	-68U1-X1	-69U1-X1	DeviceNet	5	5	0	-	-	S1 Gauging station 1 upper roller	
=G+E-W18			JZ-602-CY UL-CSA	5/PE	5/PE	0	12	-	S1 Gauging station 1 lower roller	
	-69K1	-69M1		5/PE	3		12		S1 Gauging station 1 lower roller	
	-69PE1	-69M1		5/PE	1/PE		12		S1 Gauging station 1 lower roller	
	-69SH1	-69M1		5/PE	1		12		S1 Gauging station 1 lower roller	
=G+E-W19	-18X0	-69M1	JZ-602 UL-CSA	3/PE	2	1	18	-	S1 Gauging station 1 lower roller	
=G+E-W20	-69U1-X1	-70U1-X1	DeviceNet	5	5	0	-	-	S1 Gauging station 1 lower roller	

1018

1019.1

Rademaker Specialists in food processing equipment	RADEMAKER BV Food processing equipment Plantijnweg 23, P.O. Box 916 4100 RK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	= G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	1019
		Subject	Cable view		Drawn by	WBR	Date	24.01.2008	Accoord
					Change	WBR	Date change	11.11.2008	

Cable view

Cable code	From	To	Cable type	Total Cores	Used Cores	Not used Cores	Diameter mm ² / AWG	Length m	Remarks	Graphics Page
=G+E-W21			JZ-602-CY UL-CSA	5/PE	5/PE	0	16	-	S1 Rotary cutter 1	
	-70K1	-70M1		5/PE	3		16		S1 Rotary cutter 1	
	-70PE1	-70M1		5/PE	1/PE		16		S1 Rotary cutter 1	
	-70SH1	-70M1		5/PE	1		16		S1 Rotary cutter 1	
=G+E-W22	-18X0	-70M1	JZ-602 UL-CSA	3/PE	2	1	18	-	S1 Rotary cutter 1	
=G+E-W23	-70U1-X1	-71U1-X1	DeviceNet	5	5	0	-	-	S1 Rotary cutter 1	
=G+E-W24	-71U1-X1	-73U1-X1	DeviceNet	5	5	0	-	-	S1 Dough return belt 1	
=G+E-W25			JZ-602-CY UL-CSA	5/PE	5/PE	0	16	-	S1 Rotary cutter 2	
	-73K1	-73M1		5/PE	3		16		S1 Rotary cutter 2	
	-73PE1	-73M1		5/PE	1/PE		16		S1 Rotary cutter 2	
	-73SH1	-73M1		5/PE	1		16		S1 Rotary cutter 2	
=G+E-W26	-18X0	-73M1	JZ-602 UL-CSA	3/PE	2	1	18	-	S1 Rotary cutter 2	
=G+E-W27	-73U1-X1	-74U1-X1	DeviceNet	5	5	0	-	-	S1 Rotary cutter 2	
=G+E-W28			JZ-602-CY UL-CSA	5/PE	5/PE	0	16	-	S1 Main conveyor 1	
	-74K1	-74M1		5/PE	3		16		S1 Main conveyor 1	
	-74PE1	-74M1		5/PE	1/PE		16		S1 Main conveyor 1	
	-74SH1	-74M1		5/PE	1		16		S1 Main conveyor 1	
=G+E-W29	-18X0	-74M1	JZ-602 UL-CSA	3/PE	2	1	18	-	S1 Main conveyor 1	
=G+E-W30	-74U1-X1	-75U1-X1	DeviceNet	5	5	0	-	-	S1 Main conveyor 1	
=G+E-W31			JZ-602-CY UL-CSA	5/PE	5/PE	0	16	-	S1 Transfer belt 1	
	-75K1	-75M1		5/PE	3		16		S1 Transfer belt 1	
	-75PE1	-75M1		5/PE	1/PE		16		S1 Transfer belt 1	
	-75SH1	-75M1		5/PE	1		16		S1 Transfer belt 1	
=G+E-W32	-18X0	-75M1	JZ-602 UL-CSA	3/PE	2	1	18	-	S1 Transfer belt 1	
=G+E-W33	-400A2	-75U1-X1	DeviceNet	5	5	0	-	-	S1 Transfer belt 1	
=G+E-W34	-18X0	-18XJ1	JZ-602 UL-CSA	5/PE	4	1	18	-	S1 Extruder 1 1 = Safety cover open upstream	
=G+E-W35	-18XJ1	-201S1	JZ-602 UL-CSA	5/PE	4	1	18	-	S1 Extruder 1 1 = Safety cover open upstream	
=G+E-W36	-18XJ1	-201S2	JZ-602 UL-CSA	5/PE	4	1	18	-	S1 Extruder 1 1 = Safety cover open downstream	
=G+E-W37	-18XJ1	-201S3	JZ-602 UL-CSA	5/PE	4	1	18	-	S1 Extruder 1 1 = door open left	
=G+E-W38	-18XJ1	-201S4	JZ-602 UL-CSA	5/PE	4	1	18	-	S1 Extruder 1 1 = door open right	
=G+E-W39	-19X0	-19XJ1	LIYCY	9+SHD	5	4	0.5	-	S1 Extruder 1 Supply roller Gap	
=G+E-W40	-19XJ1	-201S5	LIYCY	3+SHD	3	0	0.5	-	S1 Extruder 1 Supply roller Gap	
=G+E-W41	-19XJ1	-201S6	LIYCY	3+SHD	3	0	0.5	-	S1 Extruder 1 Sheeting rollers Gap	
=G+E-W42	-18X0	-18XJ2	JZ-602 UL-CSA	5/PE	4	1	18	-	S1 Gauging station 1 1 = Safety cover open	
=G+E-W43	-18XJ2	-202S1	JZ-602 UL-CSA	5/PE	4	1	18	-	S1 Gauging station 1 1 = Safety cover open	

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1019.2

Property of Rademaker Specialists in food processing equipment	RADERMAKER BV Food processing equipment Plant 3, weg 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	= G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	1019.1
		Subject	Cable view		Drawn by	WBA	Date	24.01.2008	Accord
					Change	WBA	Date change	11.11.2008	

Cable view

Cable code	From	To	Cable type	Total Cores	Used Cores	Not used Cores	Diameter mm² / AWG	Length m	Remarks	Graphics Page
=G+E-W44	-18XJ2	-202S2	JZ-602 UL-CSA	5/PE	4	1	18	-	S1 Gauging station 1 1 = door open left	
=G+E-W45	-18XJ2	-202S3	JZ-602 UL-CSA	5/PE	4	1	18	-	S1 Gauging station 1 1 = door open right	
=G+E-W46	-19X0	-19XJ2	LIICY	9+SHD	7	2	0.5	-	S1 Gauging station 1 Loop	
=G+E-W47	-19XJ2	-202S4	FB-WAK4	4	4	0	0.34	-	S1 Gauging station 1 Loop	
=G+E-W48	-19XJ2	-202S5	LIICY	3+SHD	3	0	0.5	-	S1 Gauging station 1 left Gap	
=G+E-W49	-19XJ2	-202S6	LIICY	3+SHD	3	0	0.5	-	S1 Gauging station 1 right Gap	
=G+E-W50	-18X0	-18XJ3	JZ-602 UL-CSA	5/PE	4	1	16	-	S1 Rotary cutter 1 1 = Safety cover open	
=G+E-W51	-18XJ3	-203S1	FB-WAK4	4	4	0	0.5	-	S1 Rotary cutter 1 1 = Safety cover open	
=G+E-W52			JZ-602-CY UL-CSA	5/PE	5/PE	0	16	-	S1 Dough return conveyor	
	-1XJ4	-71K1		5/PE	3		16		S1 Dough return conveyor	
	-1XJ4	-71PE1		5/PE	1/PE		16		S1 Dough return conveyor	
	-1XJ4	-71SH1		5/PE	1		16		S1 Dough return conveyor	
=G+E-W53	-1XJ4	-204M1	JZ-602-CY UL-CSA	5/PE	5/PE	0	16	-	S1 Dough return conveyor	
=G+E-W54	-1XJ4	-204M2	JZ-602-CY UL-CSA	5/PE	5/PE	0	16	-	S1 Dough return cross belt 1	
=G+E-W55	-18X0	-18XJ4	JZ-602 UL-CSA	3/PE	2	1	18	-	S1 Dough return conveyor	
=G+E-W56	-18XJ4	-204M1	JZ-602 UL-CSA	3/PE	2	1	18	-	S1 Dough return conveyor	
=G+E-W57	-18XJ4	-204M2	JZ-602 UL-CSA	3/PE	2	1	18	-	S1 Dough return cross belt 1	
=G+E-W58	-18X0	-18XJ5	JZ-602 UL-CSA	5/PE	4	1	16	-	S1 Rotary cutter 2 1 = Safety cover open upstream	
=G+E-W59	-18XJ5	-205S1	JZ-602 UL-CSA	5/PE	4	1	18	-	S1 Rotary cutter 2 1 = Safety cover open upstream	
=G+E-W60	-18XJ5	-205S2	JZ-602 UL-CSA	5/PE	4	1	18	-	S1 Rotary cutter 2 1 = Safety cover open downstream	
=G+E-W61	-18X0	-18XJ6	JZ-602 UL-CSA	5/PE	4	1	18	-	S1 Transfer belt 1 Belt steering	
=G+E-W62	-18XJ6	-206S1	FB-WAK4	4	4	0	0.5	-	S1 Transfer belt 1 Belt steering	
=G+E-W63	-18XJ6	+R1-2Y1	KMEB-1	3/PE	2	1	0.34	-	S1 Transfer belt 1 Belt steering	
=G+E-W64	-18XJ6	+R1-2Y2	KMEB-1	3/PE	2	1	0.34	-	S1 Transfer belt 1 Belt steering	
=G+E-W65	-18XJ6	-206S2	FB-WAK4	4	4	0	0.5	-	S1 Transfer belt 1 Belt steering	
=G+E-W66	-18XJ6	+R1-2S1	JZ-602 UL-CSA	3/PE	2	1	18	-	Dough Handling 1 1=Pressure present	
=G+E-W67	-18XJ6	+R1-2Y3	KMEB-1	3/PE	2	1	0.34	-	S1 Transfer belt 1 1=nose open	
=G+E-W68	-25X0	-33101	LIICY	3+SHD	2	1	0.5	-	Process End Module Speed signal 1	
=G+E-W69	-400A1	-402A1	Ethernet	5	1	4	-	-	PLC	
=G+E-W70	-401A1	-402A1	Ethernet	5	1	4	-	-	Display	
=G+E-W71	-402A1	-403A1	Ethernet	5	1	4	-	-	Modem	
=G+E-W72	-18X0	-600H1	JZ-602 UL-CSA	3/PE	2	1	18	-	S1 Horn 1	
=G+E-W73			JZ-602 UL-CSA	5/PE	4	1	18	-	Stacklight 1 1 =Red; flash ==> reset poss.; steady ==>	
	-18X0	-602H1		5/PE	2		18		Stacklight 1 1 =Red; flash ==> reset poss.; steady ==>	
	-18X0	-602H2		5/PE	1		18		Stacklight 1 1 = Orange; steady ==> warning present	

1019.1

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Rademaker Specialists in food processing equipment	RADEMAKER BV Food processing equipment Plantijnweg 23, P.O. Box 416 4100 AK Culemborg Tel. + 31(0)345 543543 Fax. + 31(0)345 543590	Customer	Food Systems Design	= G	Proj. nr.	7193	Sub.proj.nr.	719395	Page
		Project name	Sheeting System	+ E	Drawing number	0010000.21844	Rev.	C	1019.2
		Subject :	Cable view		Drawn by	WBR	Date	24.01.2008	Accord
					Change	WBR	Date change	11.11.2008	

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Project name	Sheeting System	+	E	Drawing number	0010000.21844	Rev.	C	1019. 3
Subject :				Drawn by	WBA	Date	24. 01. 2008	Accoord
Cable view				Change	WBA	Date change	11. 11. 2008	

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Rademaker

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Customer : Food Systems Design
Project name : Sheeting System
Project number : 7193 / 719395
Drawingnumber : 0010000.21844 C

Group (=) : G Group
Place (+) : A1

Original project number :
Original drawingnumber :

±E/1019.3

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		Project name	Sheeting System	+	A1	Drawing number	0010000.21844	Rev.	C	1
		Subject :				Drawn by	WBR	Date	24. 01. 2008	Accoord
		Title page				Change	WBR	Date change	05. 03. 2008	

