

# HG

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## SPARE PARTS



# HG COMBI CUT

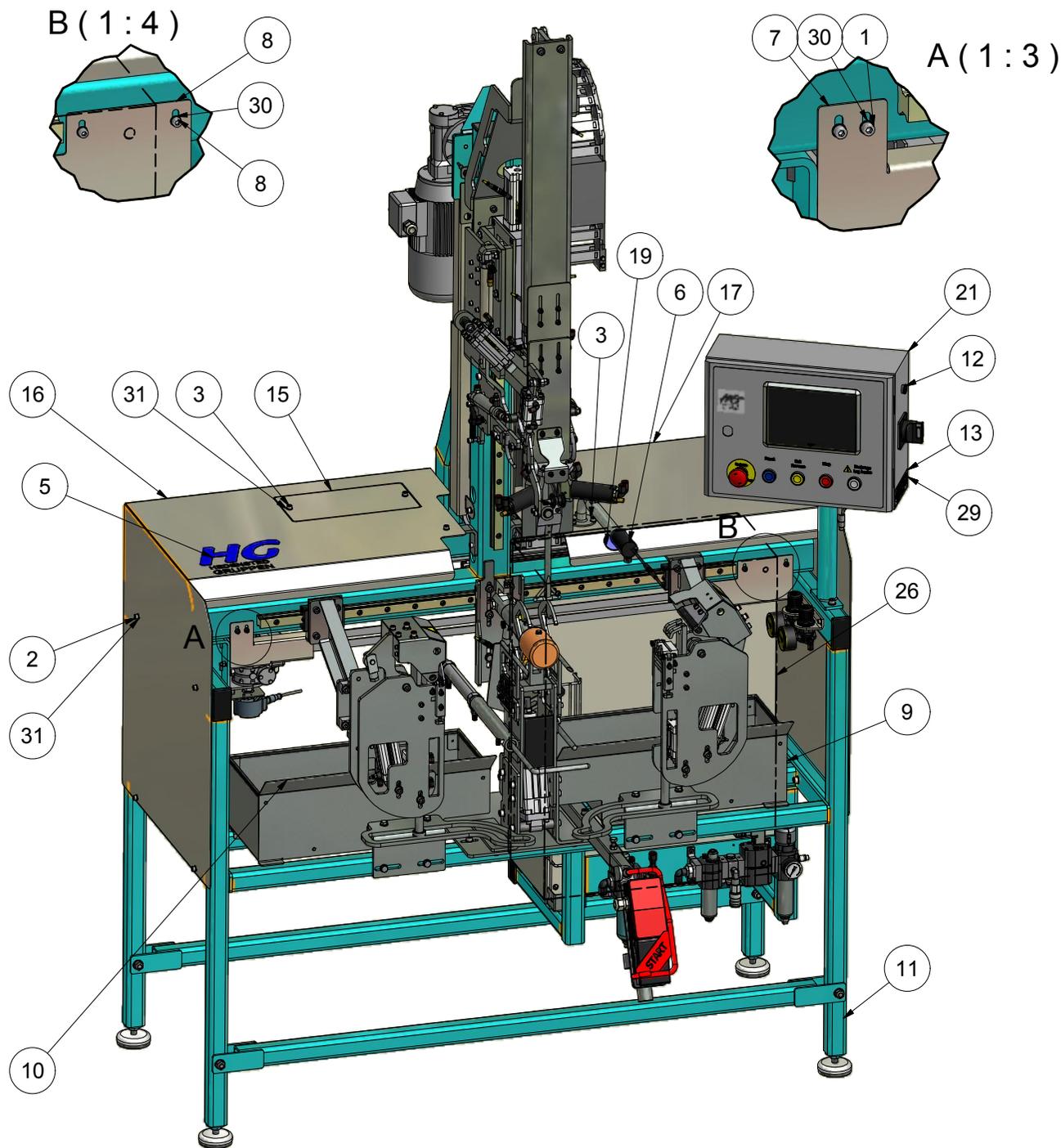
With touch



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## **1. Table of contents.**

1. Table of content
2. Spare parts
3. Air diagrams
4. Electric diagrams

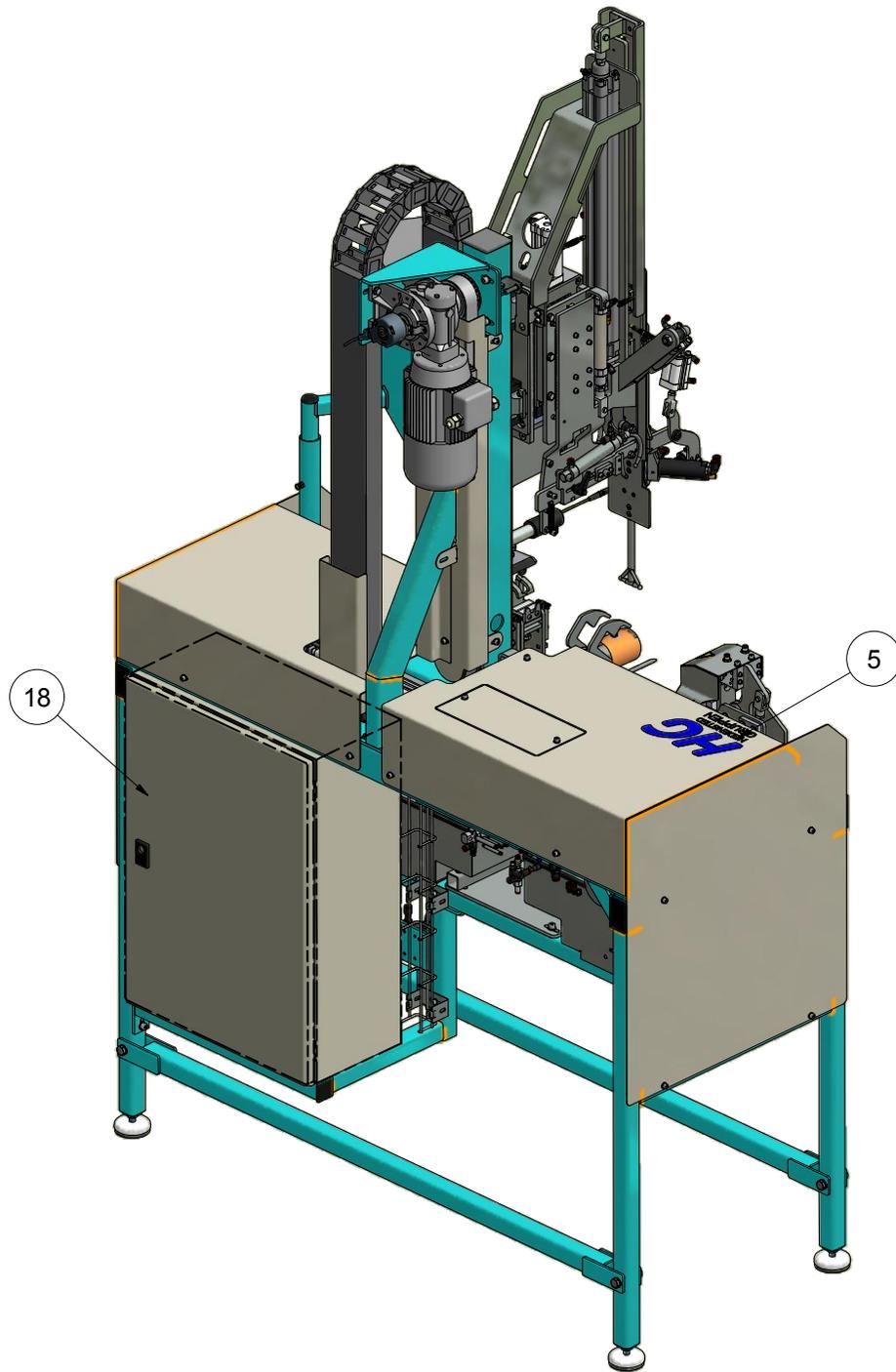


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	10205010	Hexagon cylinder head M5x10 FZB
2	12	10206010	Hexagon cylinder head M6x10 FZB
3	5	10206016	Hexagon cylinder head M6x16 FZB
4	3	17906000	Self-locking nut M6 FZB
5	1	19767	HG Logo - big 205x108mm
6	1	207808	Laser light set for CC & QC
7	1	207858	Left screen, horisontial belt
8	1	207859	Right screen, horisontial belt
9	1	207970	Right paw box 2010 CC
10	1	207972	Left paw box 2010 CC
11	1	207999	Base assembly 2 for Combi Cut 2010
12	1	222342	Magnet Actual 20mm round black
13	1	30040	Id plate Combi cut 2010
14	6	30129	Electric installation CC
15	1	30788	Lid for cover
16	1	30791	Cover for machine
17	1	30796	Cover for machine
18	1	31006	Warning sign high voltage
19	1	31010	Warning sign, Ear protec.
20	0,1 l	476560	Oil VG5 Q8 Dynebear 5
21	1	600303	Cabinet assembly 300x400x150
22	5,0 m	600528	Cable OZ 4x0,75mm <sup>2</sup> PVC
23	1,0 m	600635	Cable JZ 3x0,75mm <sup>2</sup> PVC
24	5,6 m	600640	Cable JZ 5x2,5mm <sup>2</sup> PVC
25	5,0 m	600645	Cable CY-JZ 4x1,0mm <sup>2</sup> PVC w/screen
26	1	600932	Cabinet assembly
27	5,0 m	601000	Cable OZ 2x0,75mm <sup>2</sup> PVC
28	2,6 m	601005	Cable JZ 12x0,75mm <sup>2</sup> PVC
29	2	7003208	Blind rivet Ø3.2x8 (4-5,5)
30	4	82105900	Washer M5 FZB
31	20	82106000	Washer M6 FZB

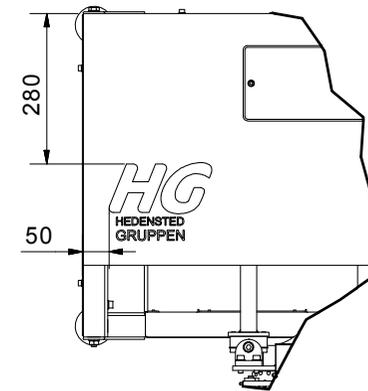
Break all edges

The information on this drawing is the property of HEDENSTED GRUPPEN A/S. It is not to be copied, reproduced or disclosed to any third party.		Scale: 1 : 9	Not specified tolerance according to: DS/ISO 2768-m	Sheet size: A3	
		Surface properties: No		Sheet: 1 / 2	
	Part No.: 207802	Material:			
	Description 1: HG Combi Cut 2010 with laser-	Description 2: beam and quick pressure shift			

Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric



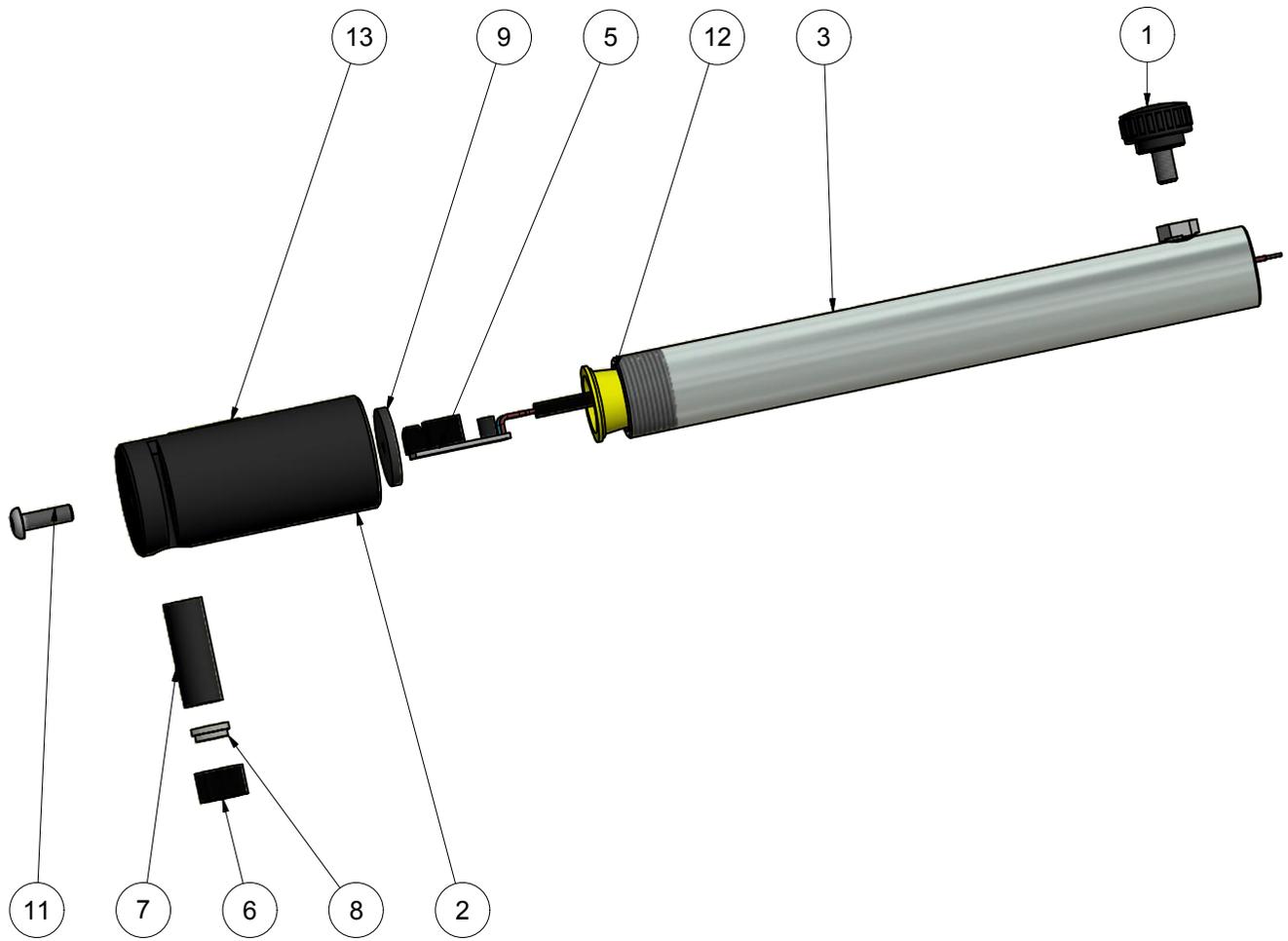
C (1 : 10)



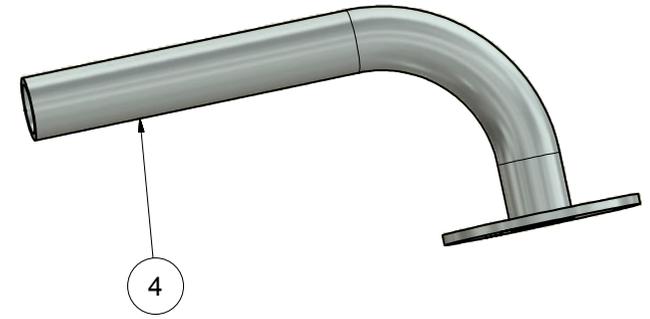
Break all edges

<small>Alle Maße sind in mm angegeben, wenn nicht anders angegeben.          Alle Maße sind in mm angegeben, wenn nicht anders angegeben.          Alle Maße sind in mm angegeben, wenn nicht anders angegeben.</small> <b>HG</b> <b>HEDENSTED</b> <b>GRUPPEN</b>	Scale: <b>1 : 9</b>	Not specified tolerance according to: <b>DS/ISO 2768-m</b>	Sheet size: <b>A3</b>
	Surface properties: <b>No</b>	Material:	Sheet: <b>2 / 2</b>
Part No.: <b>207802</b>			
Description 1: <b>HG Combi Cut 2010 with laser-</b>			
Description 2: <b>beam and quick pressure shift</b>			

Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	206681	Handle, Ø22 knob M6 x 10mm
2	1	207831	Housing for laser module
3	1	207833	Outer pipe for laser
4	1	207837	Inner pipe for laser
5	1	207839	Voltage regulator 24V-3VDC
6	1	207963	Housing for lens
7	1	207964	Laser Module RLLH635-4-3
8	1	207965	Lens for laser
9	1	30906	Rubber washer for print
10	1	31005	Warning sign Laser
11	1	76005016	Buttonhead bolt M5x15 FZB
12	1	M10382	Conical plug 16mm
13	1	31005	Warning sign Laser

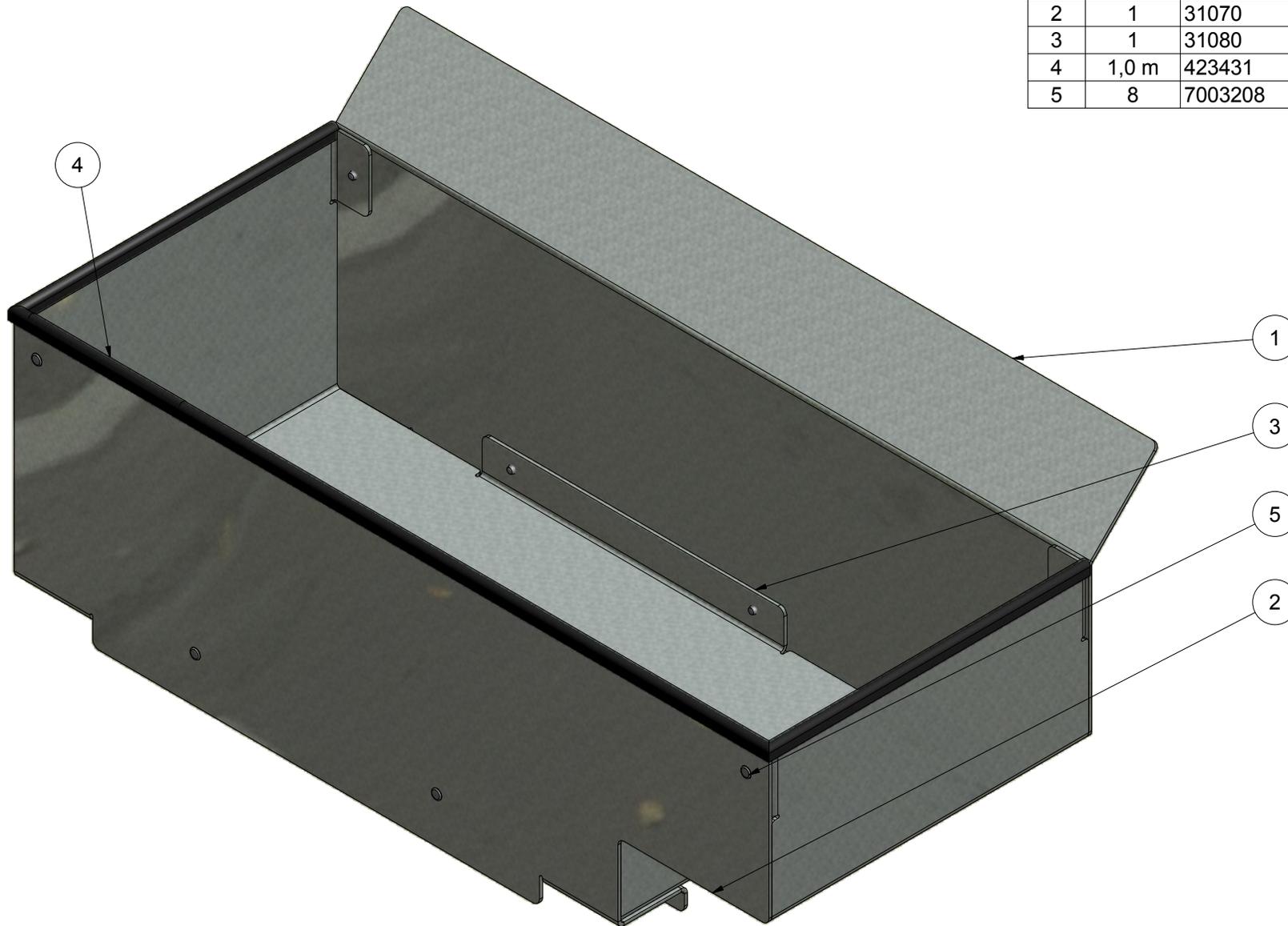


Break all edges

Break all edges

Revision:	Approved	Date:	Revision Description
1	KL	15-12-2016	Print updated

<small>The information on this drawing is confidential and may not be disclosed to any third person.</small> <b>HEDENSTED GRUPPEN A/S</b>	 <b>HEDENSTED GRUPPEN</b>	Scale: <b>1 : 1</b>	Not specified tolerance according to: <b>DS/ISO 2768-m</b>	Sheet size: <b>A3</b>	
	Part No.: <b>207808</b>	 Surface properties:	Sheet: <b>1/1</b>		
	Description 1: <b>Laser light set for CC &amp; QC</b>				Description 2:



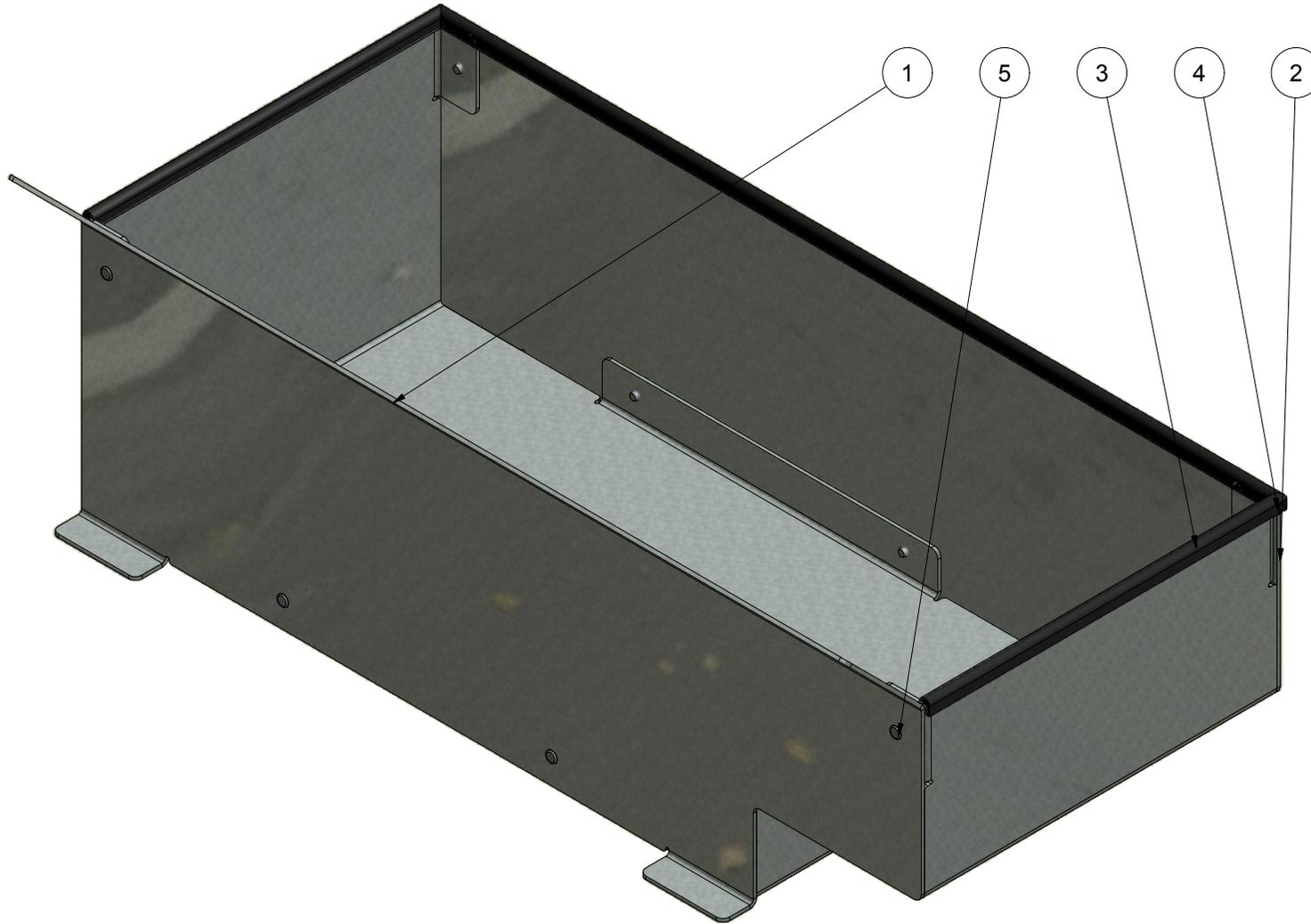
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	31060	Part 3 for right paw box
2	1	31070	Part 2 for right paw box
3	1	31080	Part 1 for paw box
4	1,0 m	423431	Edge protection strip
5	8	7003208	Pop rivet $\varnothing 3.2 \times 8 \text{mm}$

Break all edges

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		1 : 2	DS/ISO 2768-m	A3
		Surface properties:		Sheet:
		Part No.: <b>207970</b>		Material:
Description 1:		<b>Right paw box 2010 CC</b>		
Description 2:				

Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric

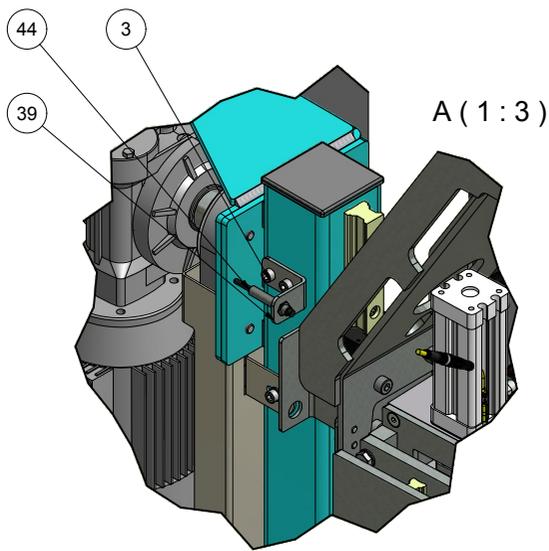
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	31065	Part 3 for lift paw box
2	1	31075	Part 2 for left paw box
3	1	31080	Part 1 for paw box
4	1,0 m	423431	Edge protection strip
5	8	7003208	Pop rivet ø3.2x8mm



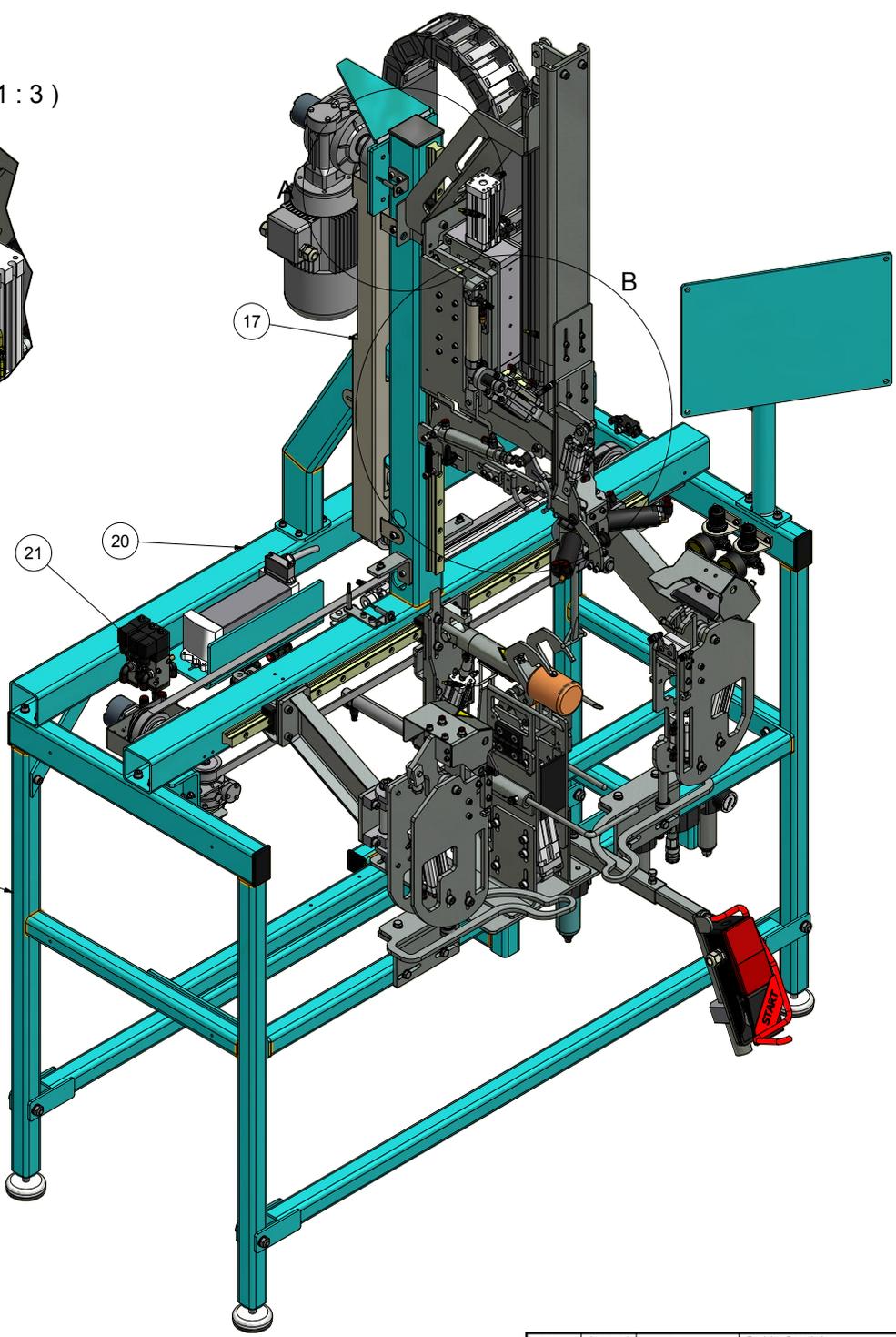
Break all edges

<small>The dimensions, tolerances, surface properties and material are subject to change without notice. For more information, please contact the responsible person.</small> <b>HEDENSTED GRUPPEN A/S</b>	Scale:	Not specified tolerance according to:	Sheet size:
	1 : 2	DS/ISO 2768-m	A3
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			1 / 1
Part No.:	Material:		
207972			
Description 1:	Left paw box 2010 CC		
Description 2:			

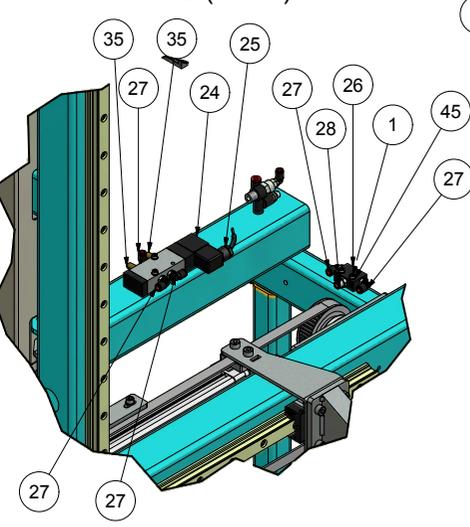
Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric



A (1:3)



B (1:5)

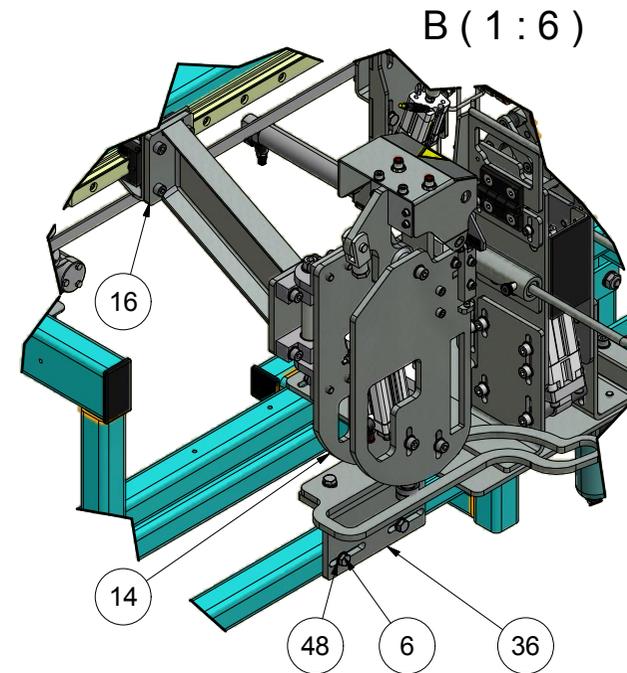
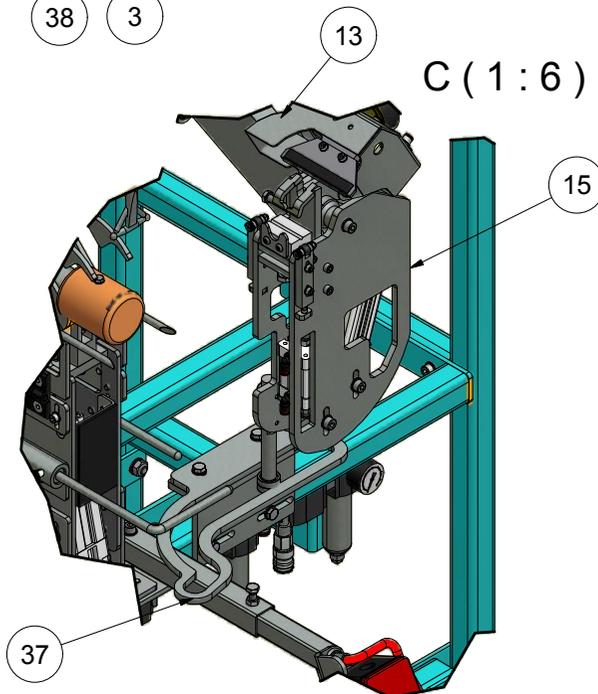
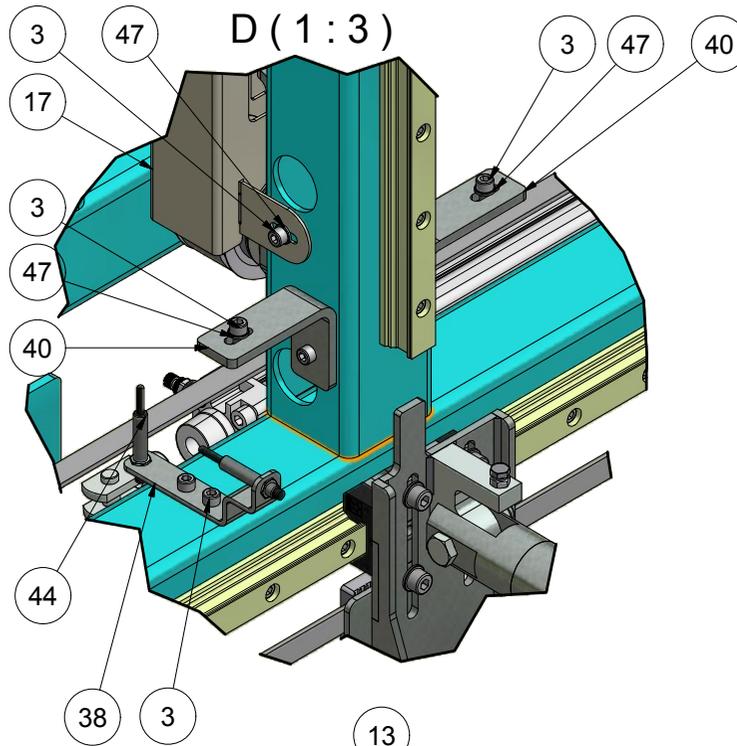
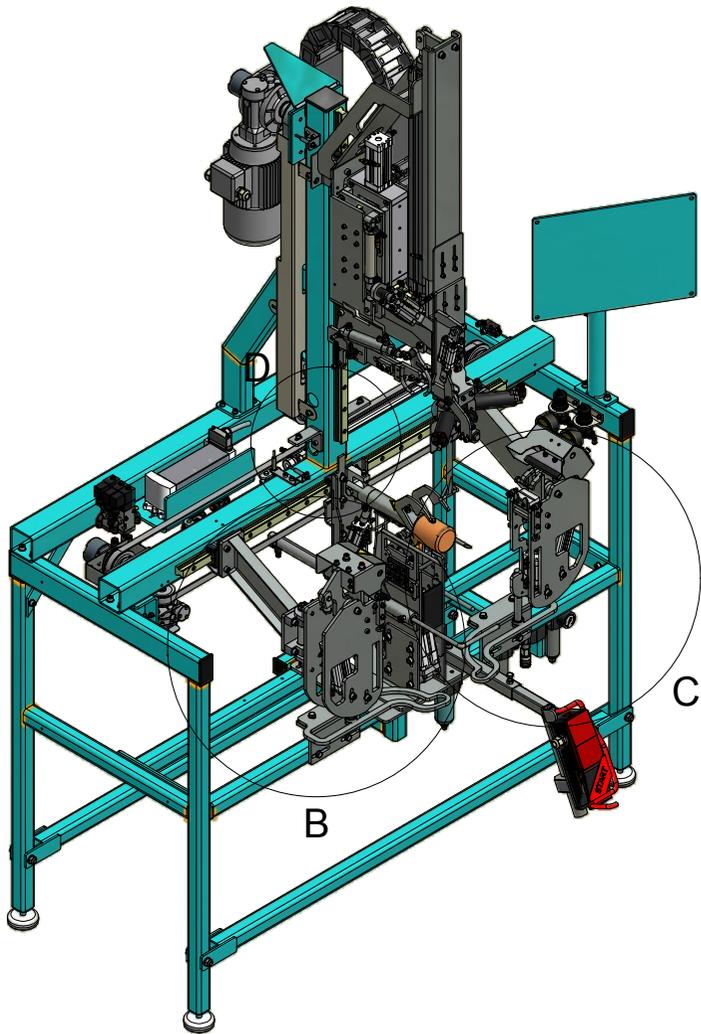


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	10204030	Hexagon cylinder head M4x30 FZB
2	4	10205010	Hexagon cylinder head M5x10 FZB
3	12	10206016	Hexagon cylinder head M6x16 FZB
4	8	10208025	Hexagon cylinder head M8x25 FZB
5	8	11405055	Hexagon bolt M5x55 FZB
6	4	11408016	Hexagon bolt M8x16 FZB
7	8	17905000	Self-locking nut M5 FZB
8	1	17906000	Self-locking nut M6 FZB
9	1	17908000	Self-locking nut M8 FZB
10	4	20404010	Hexagon countersunk head M4x10 FZB
11	1	207952	Energi chain 95x42mm 33 links
12	1	207953	Mountingbrackets Igus
13	1	207962	Assembly arm-pull pawholder
14	1	207971	Pawsystem 2010 left side jam
15	1	207975	Pawsystem 2010, right side jam
16	1	207977	Arm for pull pawholders left
17	1	207993	Screen for vertical belt
18	1	207994	Screen 2 for vertical belt
19	2	207995	Regulator for stretch assembly
20	1	207996	Base assembly 1
21	1	210183	Valve assembly
22	1	210184	Assembly VM10 valve for CC2010
23	1	210187	Filter assembly
24	1	215042	Valve 5/2 1/8" 24VDC/Spring
25	1	215184	Cable w. elbow plug 22mm 3P 3M 250v
26	1	215405	Valve, shuttle 1/8"
27	5	215760	Elbow swirvel Ø6 x 1/8"
28	1	215925	Straight connector Ø6 x 1/8"
29	15,0 m	216104	Air hose Ø4mm PUR Red
30	15,0 m	216106	Air hose Ø4mm PUR Blue
31	46,5 m	216116	Air hose Ø6mm PUR Red
32	32,0 m	216118	Air hose Ø6mm PUR Blue
33	10,0 m	216124	Air hose Ø8mm PUR Blue
34	2,0 m	216126	Air hose Ø10mm PUR White
35	2	216796	Filter sintered 1/8"
36	1	30381	Assembly curve for pawholder
37	1	30382	Assembly curve for pawholder
38	1	30545	Bracket for sensor, pawstretch
39	1	30562	Bracket for sensor
40	2	30786	Bracket for right cover
41	1	30822	bracket for energichain
42	4,0 m	600595	Spiral pipe SPS25
43	0,4 m	600600	Spiral pipe SPS35
44	3	600660	Sensor M8 inductive PNP No 2,5mm 5m cable
45	4	82104000	Washer M4 FZB
46	12	82105900	Washer M5 FZB
47	7	82106000	Washer M6 FZB
48	13	82108000	Washer M8 FZB
49	1	M102016	Air connection unit CC & QC 2016

Break all edges

	Scale:	1: 6	Not specified tolerance according to:	DS/ISO 2768-m	Sheet size:	A2
	Surface properties:			No	Sheet:	1 / 4
Part No.:	207999					
Description 1:	Base assembly 2 for Combi Cut 2010					
Description 2:						

Revision:	Approved:	Date:	Revision Description:
2	KL	15-04-2016	Softstarter added

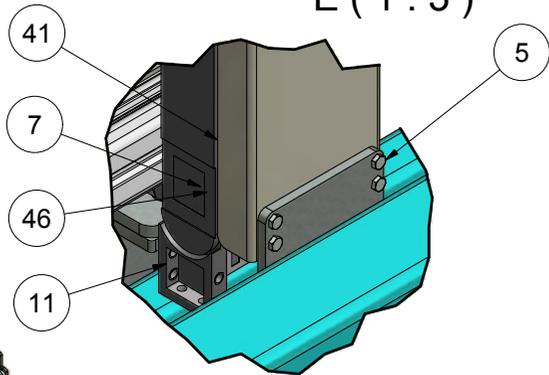


Break all edges

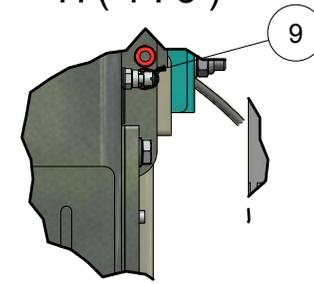
This drawing is the property of HEDENSTED GRUPPEN A/S. It is not to be copied, reproduced, or disseminated in any form without the express written permission of HEDENSTED GRUPPEN A/S.		Scale: 1:6	Not specified tolerance according to: DS/ISO 2768-m	Sheet size: A3
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	Part No.: 207999	Material:		
	Description 1: Base assembly 2 for Combi Cut 2010 Description 2:			

Revision:	Approved	Date:	Revision Description
2	KL	15-04-2016	Softstarter added

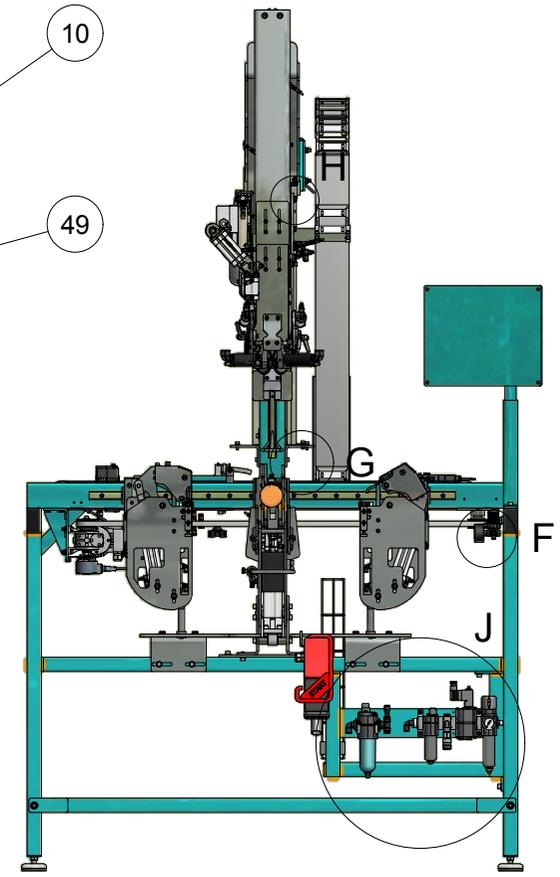
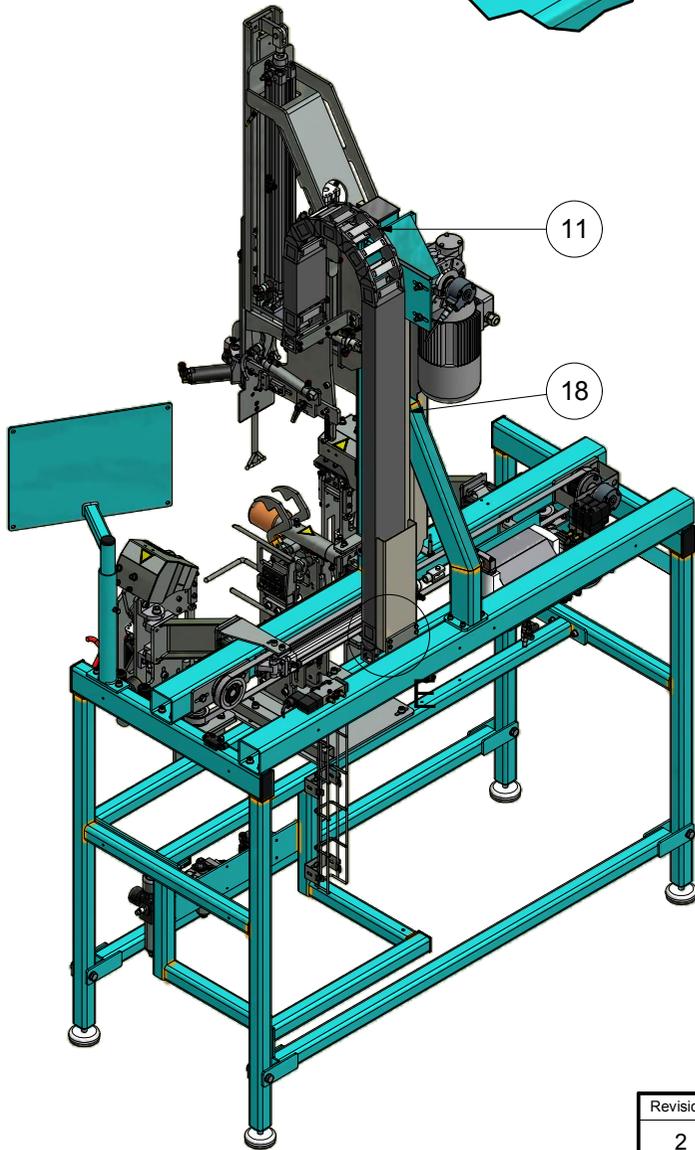
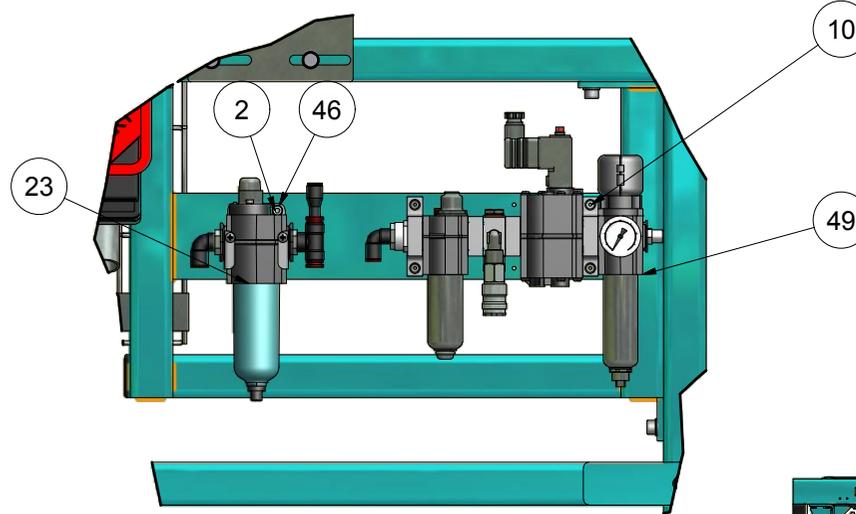
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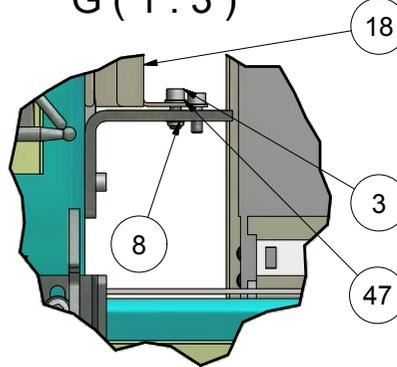
H (1:3)



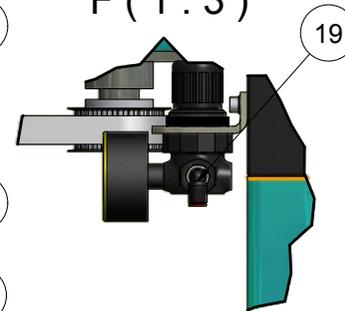
J (1:5)



G (1:3)



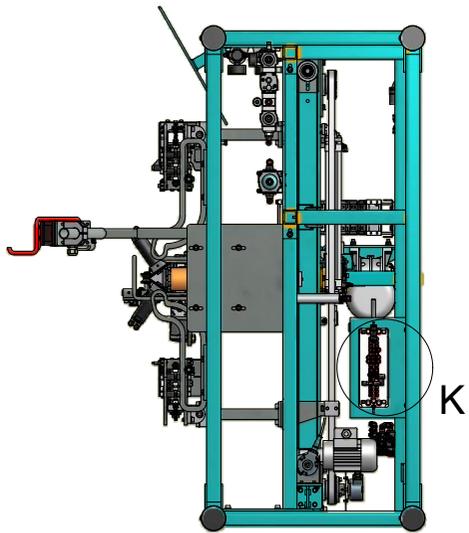
F (1:3)



Break all edges

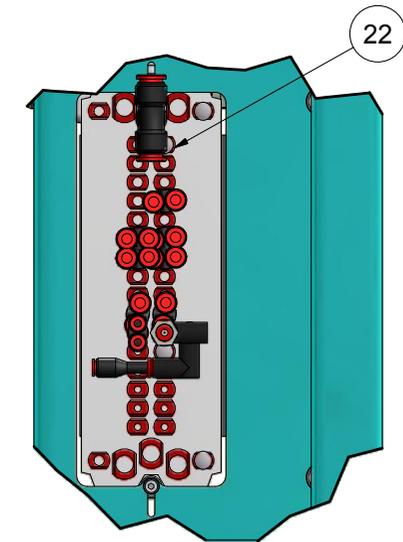
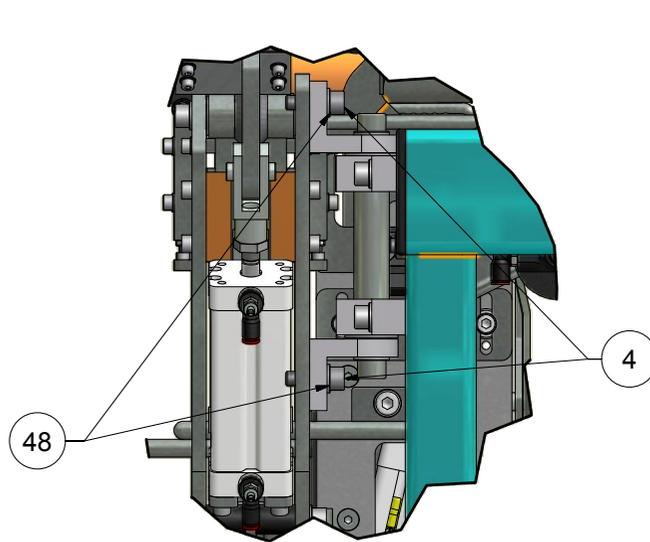
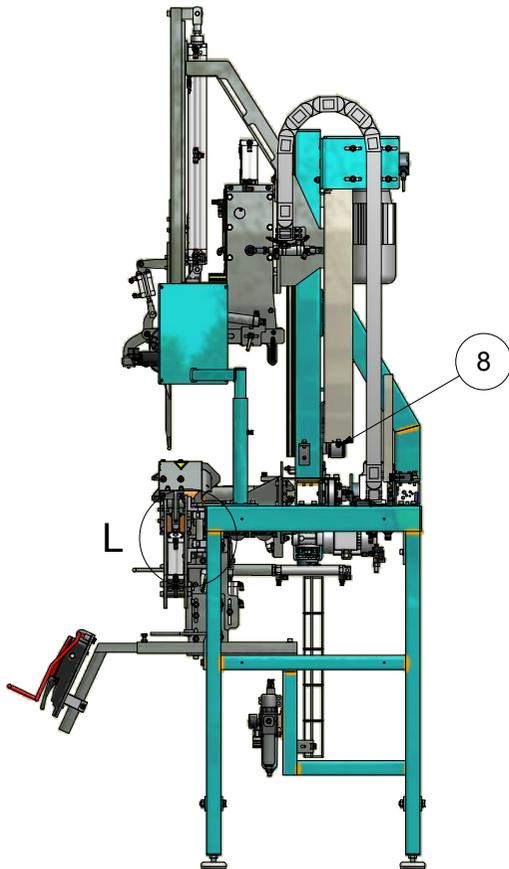
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	HEDENSTED GRUPPEN AS Part No.: 207999		Surface properties:	No		Sheet:	3/4
	Description 1: Base assembly 2 for Combi Cut 2010						
	Description 2:						

Revision:	Approved	Date:	Revision Description
2	KL	15-04-2016	Softstarter added



L (1:3)

K (1:3)

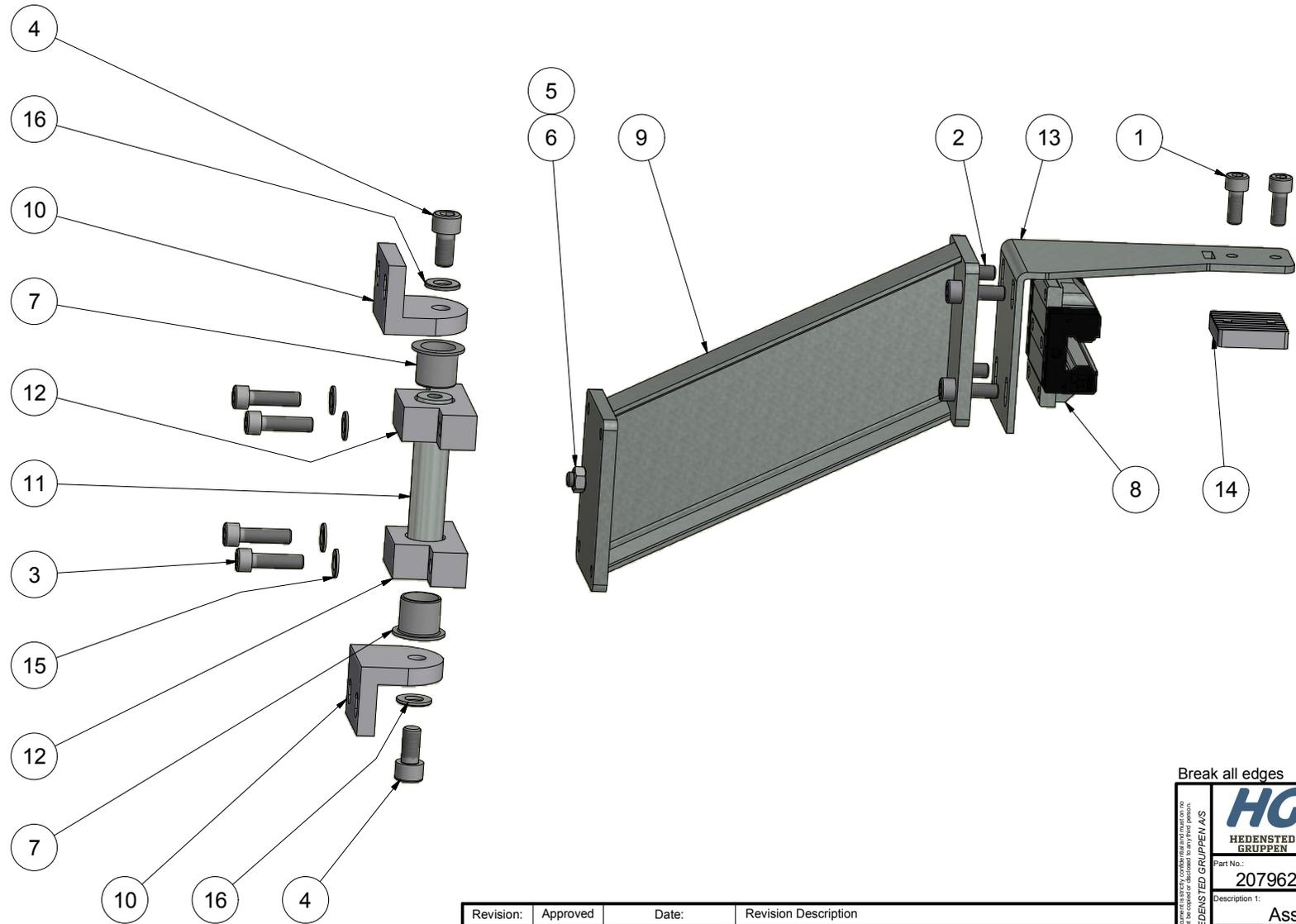
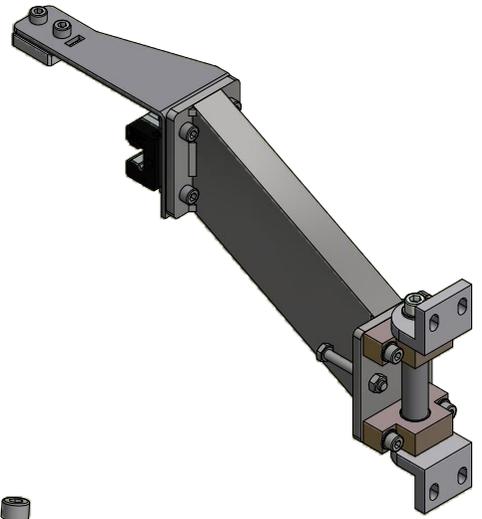


Break all edges

<small>Alle Maße sind in mm angegeben und gelten für die Ausführung in Stahl. Änderungen vorbehalten. Nachdruck ist ohne schriftliche Genehmigung der HEDENSTED GRUPPEN A/S strengstens untersagt.</small>	 <b>HEDENSTED GRUPPEN A/S</b>	Scale:	Not specified tolerance according to:	Sheet size:
		1: 6	DS/ISO 2768-m	A3
			Surface properties:	Sheet:
			No	4 / 4
Part No.:		Material:		
207999				
Description 1:				
Base assembly 2 for Combi Cut 2010				
Description 2:				

Revision:	Approved	Date:	Revision Description
2	KL	15-04-2016	Softstarter added

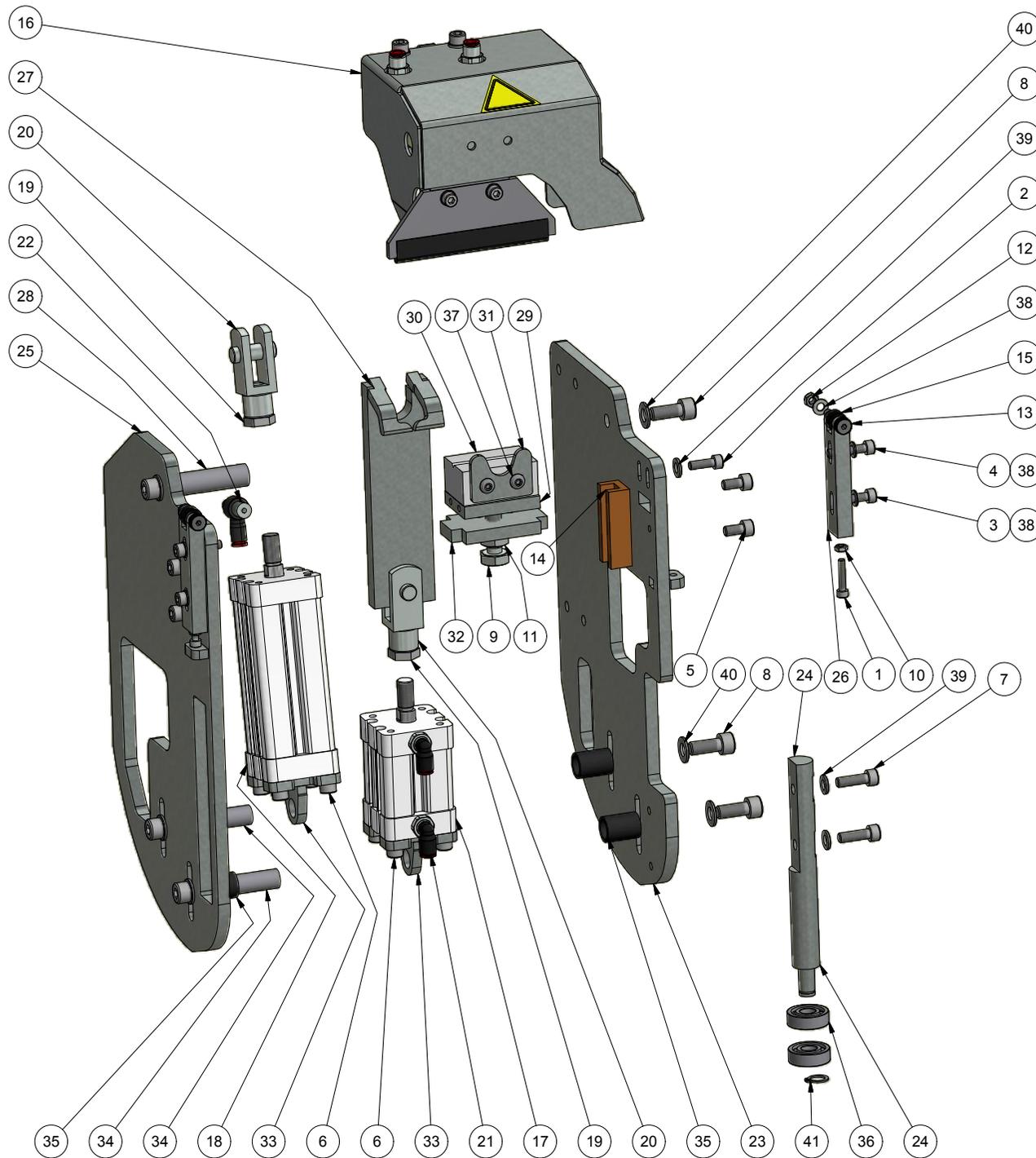
Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	10208020	Hexagon cylinder head M8x20FZB	9	1	30335	Right arm for pawholder
2	4	10208025	Hexagon cylinder head M8x25 FZB	10	2	30400	Hinge for pawlock
3	4	10208030	Hexagon cylinder head M8x30 FZB	11	1	30410	Shaft for hinge - pawholder
4	2	10210020	Hexagon cylinder head M10x20 FZB	12	2	30420	Hinge for pawlock part f. arm
5	1	11408060	Hexagon bolt M8x60 FZB	13	1	30595	Bracket for pull - belt
6	1	1508000	Nut M8 FZB	14	1	30598	Clamping plate for AT5
7	2	207845	Slide bushing Ø20xØ23x20	15	4	82108000	Washer M8 FZB
8	1	222300	Ball runner block s.25 wide	16	2	82110000	Washer M10 FZB



Revision:	Approved	Date:	Revision Description
1	HG	27-09-2015	Revision changed to numeric

Break all edges

 <b>HG</b> HEDENSTED GRUPPEN	Scale: 1 : 4	Not specified tolerance according to: DS/ISO 2768-m	Sheet size: A3
	Surface properties:		Sheet: 1 / 2
Part No.: 207962		Material:	
Description 1: Assembly arm-pull pawholder			
Description 2:			



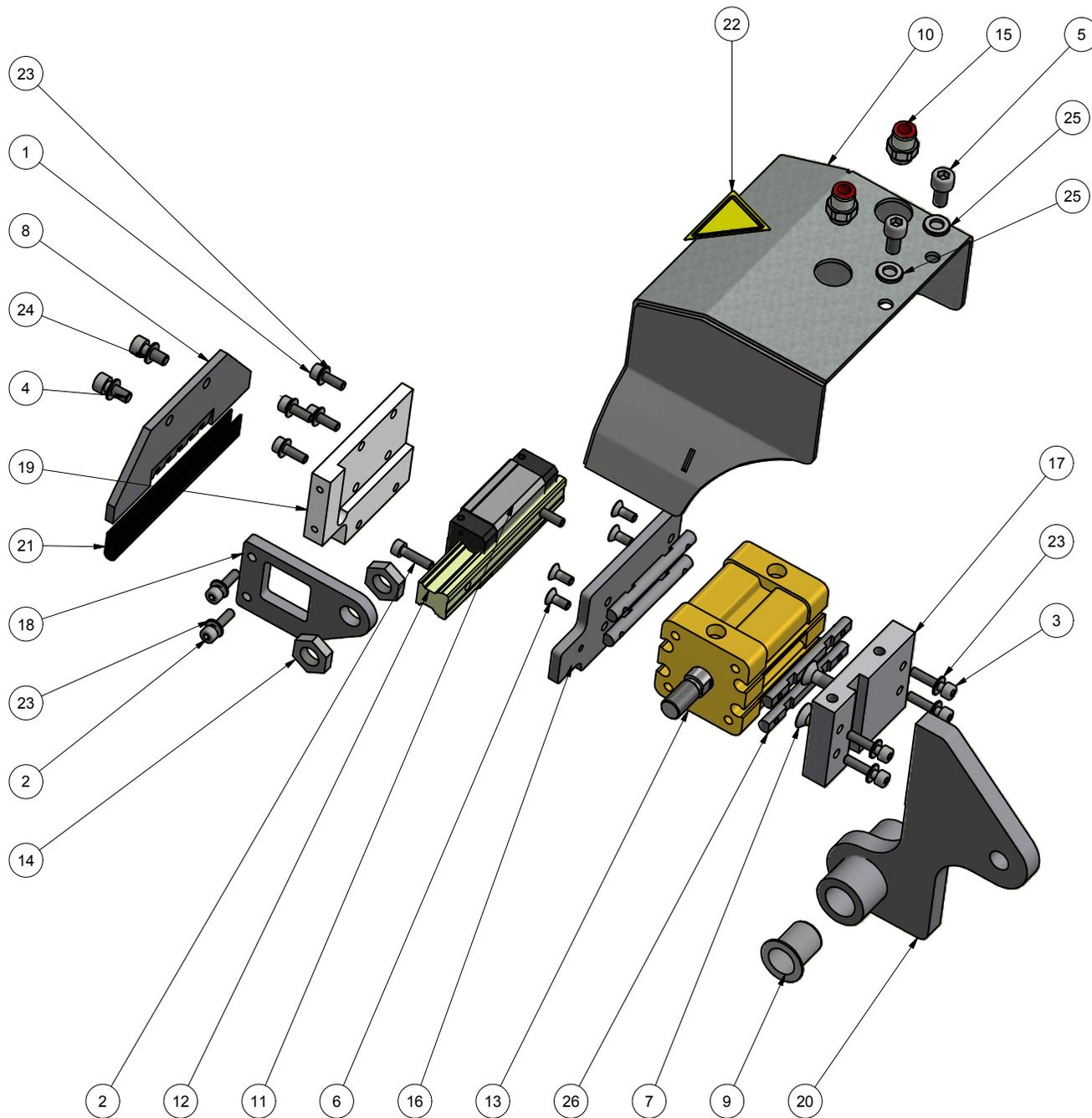
Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	10204020	Hexagon cylinder head M4x20 FZB
2	4	10205016	Hexagon cylinder head M5x16 FZB
3	2	10205020	Hexagon cylinder head M5x20 FZB
4	2	10205025	Hexagon cylinder head M5x25 FZB
5	4	10206012	Hexagon cylinder head M6x12 FZB
6	8	10206016	Hexagon cylinder head M6x16 FZB
7	2	10206020	Hexagon cylinder head M6x20 FZB
8	6	10208020	Hexagon cylinder head M8x20FZB
9	1	11410030	Hexagon bolt M10x30 FZB
10	2	1504000	Nut M4 FZB
11	1	1510000	Nut M10 FZB
12	2	17905000	Self-locking nut M5 FZB
13	2	20205016	Fitting bolt M5-6x16
14	2	207865	Bearing for pawgrib
15	2	207948	Roller for paw cut w. bushing
16	1	207969	Pawcut system left 2010
17	1	210320	Cylinder RA/192032/M/25
18	1	210340	Cylinder RA/192032/M/80
19	2	210427	Lock nut M10x1,25 FZB
20	2	214115	F-Bracket QM/8025/25
21	2	215760	Elbow swivel Ø6 x 1/8"
22	2	215985	Flow control banjo Ø4 x 1/8"
23	1	30356	Assembly back plate for
24	1	30375	Shaft for turning, pawsystem
25	1	30396	Assembly, front plate for
26	2	30455	Bracket for stop, pawknife
27	1	30491	Paw clamp assembly
28	1	30566	Shaft for turning
29	1	30570	Plate for mounting pawgrib
30	1	30575	Block for pawgrib
31	1	30576	Bracket for pawposition
32	1	30580	Adjustmentplate for pawgrib
33	2	30641	Assembly bracket f.
34	2	30642	Shaft for cylinders
35	4	30643	Spacer 12,2 x 21,8
36	2	473013	Bearing Ø10xØ26x8
37	2	76005012	Buttonhead bolt M5x12 FZB
38	6	82105900	Washer M5 FZB
39	4	82106000	Washer M6 FZB
40	6	82108000	Washer M8 FZB
41	1	89710000	Seeger ring for shaft Ø10

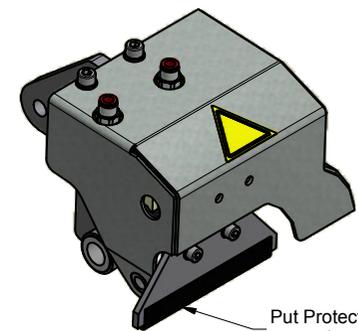
Break all edges

The drawing is a technical drawing and is not to be used for manufacturing without the approval of the responsible person. HEIDENSTEDT GRUPPEN A/S		Scale: 1:2,7	Not specified tolerance according to:	Sheet size: A3
		Surface properties:		Sheet: 1/3
	Part No.: 207971	Material:		
	Description 1: Pawsystem 2010 left side jam	Description 2:		

Revision:	Approved	Date:	Revision Description
1	HG	27-09-2015	Revision changed to numeric



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	10204012	Hexagon cylinder head M4x12 FZB
2	4	10204016	Hexagon cylinder head M4x16 FZB
3	4	10204018	Hexagon cylinder head M4x18 FZB
4	2	10205012	Hexagon cylinder head M5x12 FZB
5	2	10206012	Hexagon cylinder head M6x12 FZB
6	4	20404010	Hexagon countersunk head M4x10 FZB
7	2	20406020	Hexagon countersunk head M6x20 FZB
8	1	207825	Paw knife CC HSS110/62-40-4mm
9	2	207840	Slide bushing Ø14xØ16x20
10	1	207976	Left Screen for paw blow
11	1	207982	Ball runner block s.15 long
12	1	207984	Ball guide rail s.15/95mm
13	1	210330	Cylinder RA/192032/M/20
14	2	210427	Lock nut M10x1,25 FZB
15	2	215925	Straight connector Ø6 x 1/8"
16	1	30237	Mountingplate for left
17	1	30238	Top for console, pawknife
18	1	30250	Bracket for pawknife
19	1	30285	Mountingpiece for left
20	1	30323	Assembly, branch for turning
21	1	30979	Protection strip for pawknife
22	1	31004	Warning Sign knives
23	10	82104000	Washer M4 FZB
24	2	82105900	Washer M5 FZB
25	2	82106000	Washer M6 FZB
26	4	M100889	Groove nut 6,5 x 64 - M4



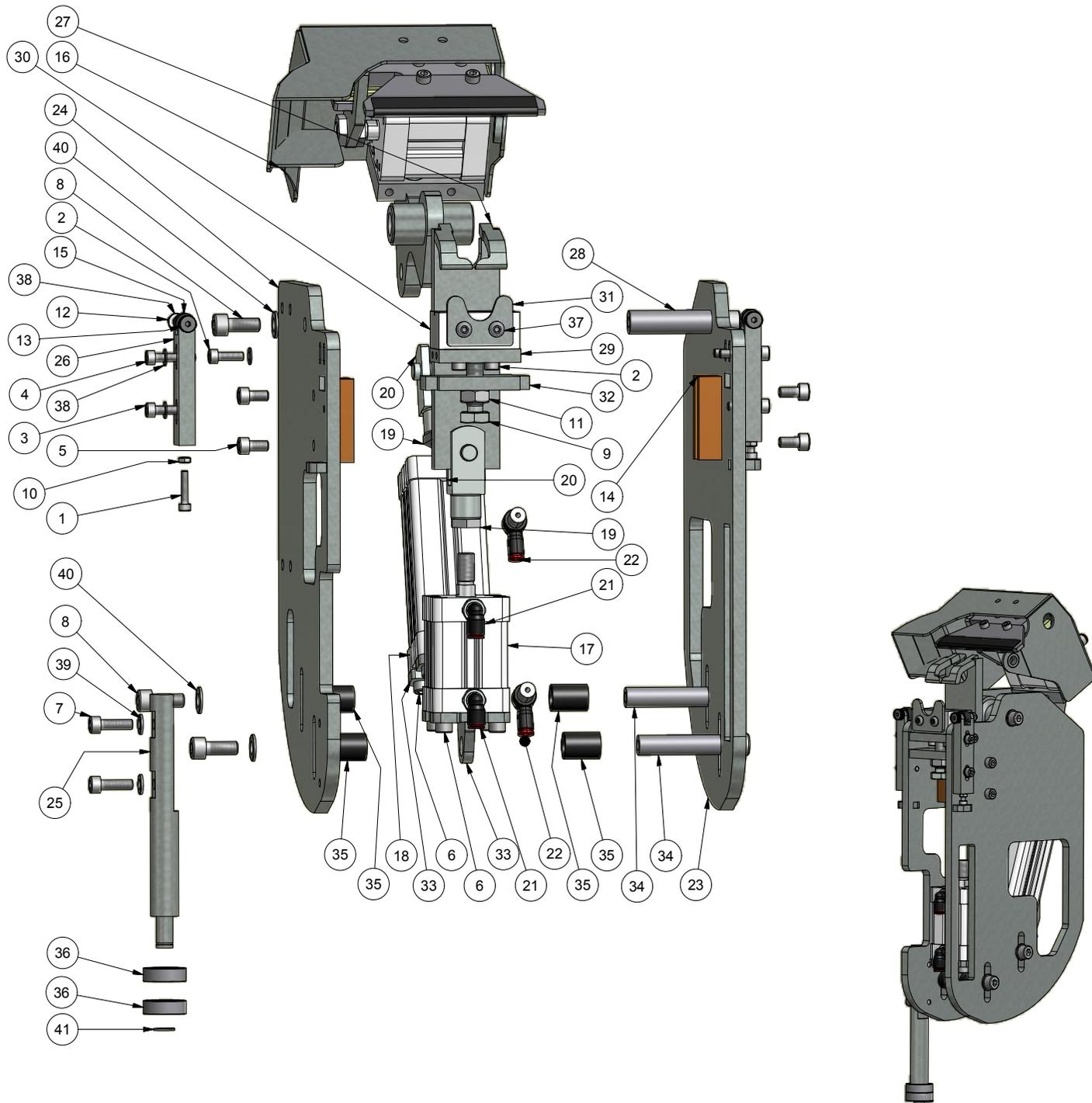
Break all edges

Break all edges

Put Protection strip for protection during assembling

Revision:	Approved	Date:	Revision Description
1	KL	19-12-2016	2x M6x12 changed to M6x20

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	1 : 2	DS/ISO 2768-m	A3
	Surface properties:		Sheet:
Part No.:	Material:		1 / 2
207969			
Description 1:			
Pawcut system left 2010			
Description 2:			

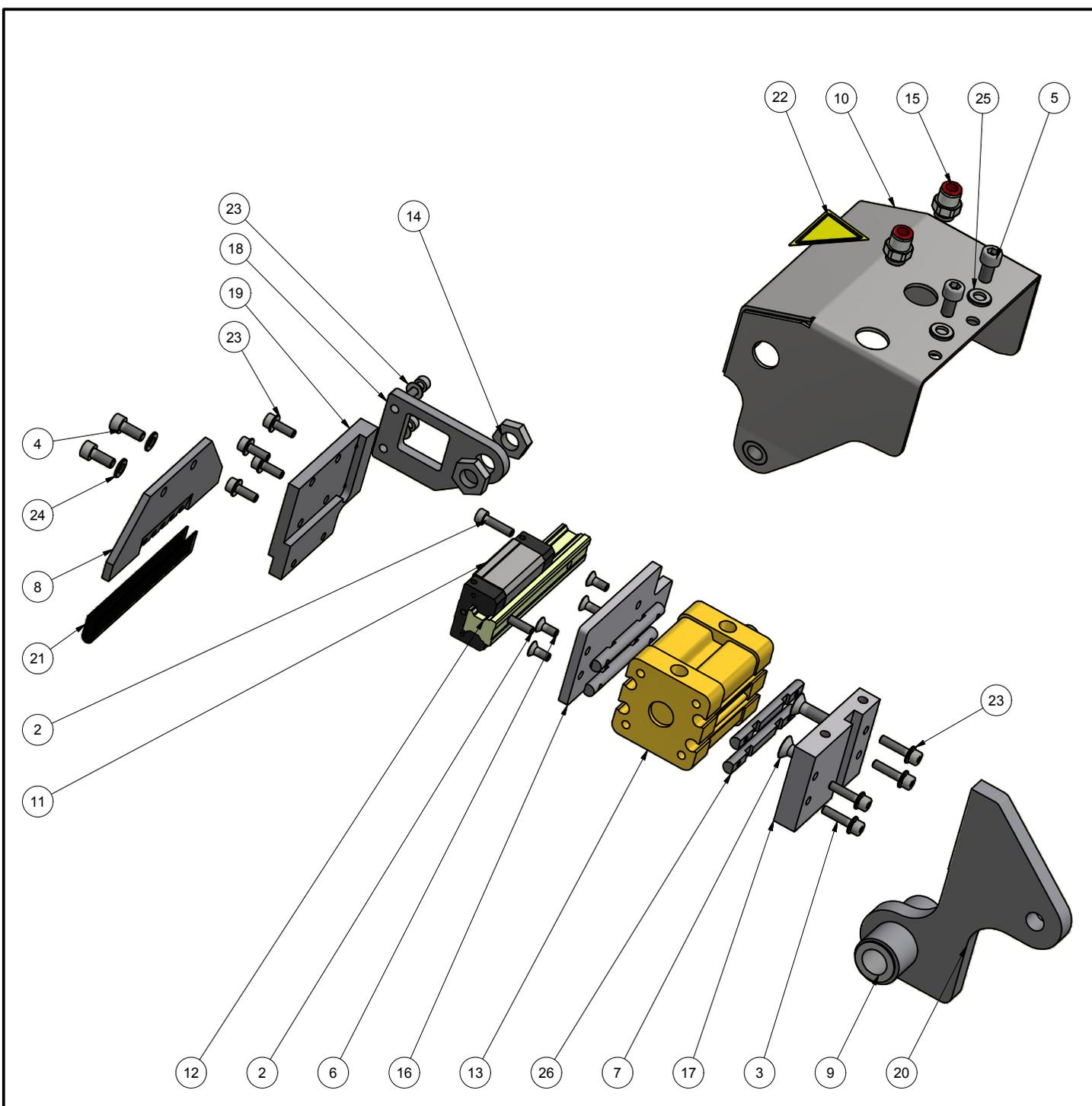


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	10204020	Hexagon cylinder head M4x20 FZB
2	4	10205016	Hexagon cylinder head M5x16 FZB
3	2	10205020	Hexagon cylinder head M5x20 FZB
4	2	10205025	Hexagon cylinder head M5x25 FZB
5	4	10206012	Hexagon cylinder head M6x12 FZB
6	8	10206016	Hexagon cylinder head M6x16 FZB
7	2	10206020	Hexagon cylinder head M6x20 FZB
8	6	10208020	Hexagon cylinder head M8x20 FZB
9	1	11410030	Hexagon bolt M10x30 FZB
10	2	1504000	Nut M4 FZB
11	1	1510000	Nut M10 FZB
12	2	17905000	Self-locking nut M5 FZB
13	2	20205016	Fitting bolt M5-6x16mm
14	2	207865	Bearing for pawgrib
15	2	207948	Roller for paw cut w. bushing
16	1	207973	Pawcut system 2010 - right
17	1	210320	Cylinder RA/192032/M/25
18	1	210340	Cylinder RA/192032/M/80
19	2	210427	Lock nut M10x1,25 FZB
20	2	214115	F-Joint QM-8025-25
21	2	215760	Elbow swivel Ø6 x 1/8"
22	2	215985	Flow control banjo Ø4 x 1/8"
23	1	30232	Assembly front plate for
24	1	30233	Assembly back plate for
25	1	30375	Shaft for turning, pawsystem
26	2	30455	Bracket for stop, pawknife
27	1	30491	Paw clamp assembly
28	1	30566	Shaft for turning
29	1	30570	Plate for mounting pawgrib
30	1	30575	Block for pawgrib
31	1	30576	Bracket for pawposition
32	1	30580	Adjustmentplate for pawgrib
33	2	30641	Assembly bracket f.
34	2	30642	Shaft for cylinders
35	4	30643	Spacer 12,2 x 21,8
36	2	473013	Bearing 6000 2 Rs1
37	2	76005012	Buttonhead bolt M5x12 FZB
38	8	82105900	Chamfered Washer M5 FZB
39	2	82106000	Chamfered Washer M6 FZB
40	6	82108000	Chamfered Washer M8 FZB
41	1	89710000	Seeger ring for shaft Ø10 din 471

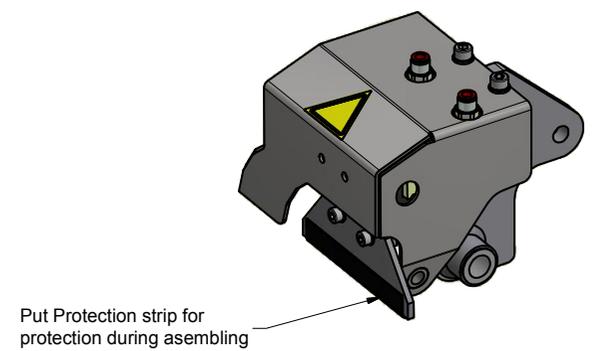
Break all edges

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	Part No.: 207975	Material:	Surface properties:	Sheet: 1/2
	Description 1: Pawsystem 2010, right side jam			
Description 2:				

Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	10204012	Hexagon cylinder head M4x12 FZB
2	4	10204016	Hexagon cylinder head M4x16 FZB
3	4	10204018	Hexagon cylinder head M4x18 FZB
4	2	10205012	Hexagon cylinder head M5x12 FZB
5	2	10206012	Hexagon cylinder head M6x12 FZB
6	4	20404010	Hexagon countersunk head M4x10 FZB
7	2	20406020	Hexagon countersunk head M6x20 FZB
8	1	207825	Paw knife CC HSS110/62-40-4mm
9	2	207840	Slide bushing Ø14xØ16x20
10	1	207974	Right Screen for paw blow
11	1	207982	Ball runner block s.15 long
12	1	207984	Ball guide rail s.15/95mm
13	1	210330	Cylinder RA/192032/M/20
14	2	210427	Lock nut M10x1,25 FZB
15	2	215925	Straight connector Ø6 x 1/8"
16	1	30231	Mountingplate for Right
17	1	30238	Top for console, pawknife
18	1	30250	Bracket for pawknife
19	1	30251	Mountingpiece, right pawknife
20	1	30323	Assembly, branch for turning
21	1	30979	Protection strip for pawknife
22	1	31004	Warning Sign knives
23	10	82104000	Washer M4 FZB
24	2	82105900	Washer M5 FZB
25	2	82106000	Washer M6 FZB
26	4	M100889	Groove nut 6,5 x 64 - M4



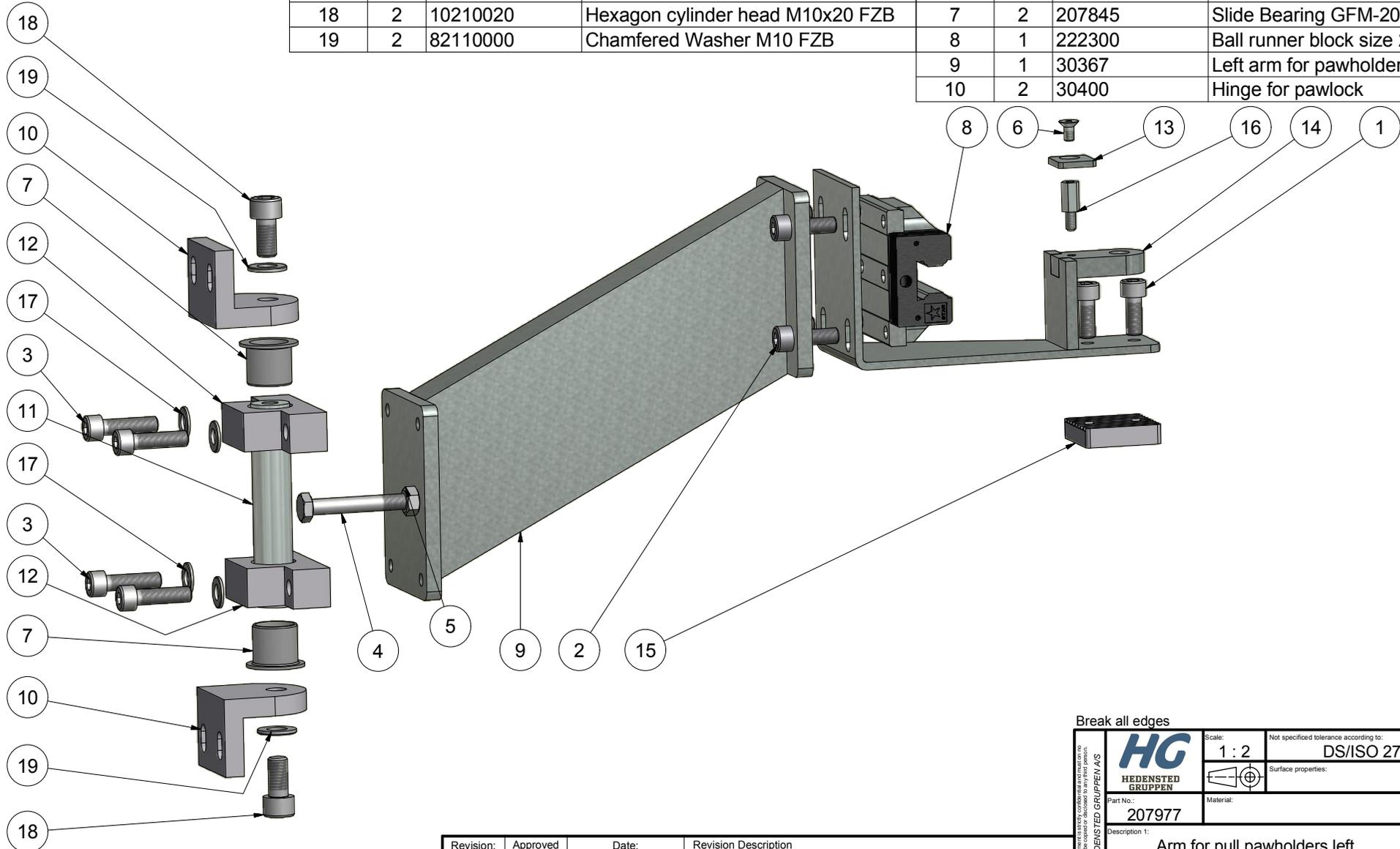
Break all edges

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	Part No.: 207973	Material:	Surface properties:	Sheet: 1/2
	Description 1: Pawcut system 2010 - right			
	Description 2:			

Revision:	Approved	Date:	Revision Description
1	KL	19-12-2016	2x M6x12 changed to M6x20

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
11	1	30410	Shaft for hinge - pawholder
12	2	30420	Hinge for pawlock part f. arm
13	1	30593	Sensor plate for stretch
14	1	30594	Assembly pullbracket for
15	1	30598	Clamping plate for AT5
16	1	49605015	High Nut M5x15 FZB
17	4	82108000	Chamfered Washer M8 FZB
18	2	10210020	Hexagon cylinder head M10x20 FZB
19	2	82110000	Chamfered Washer M10 FZB

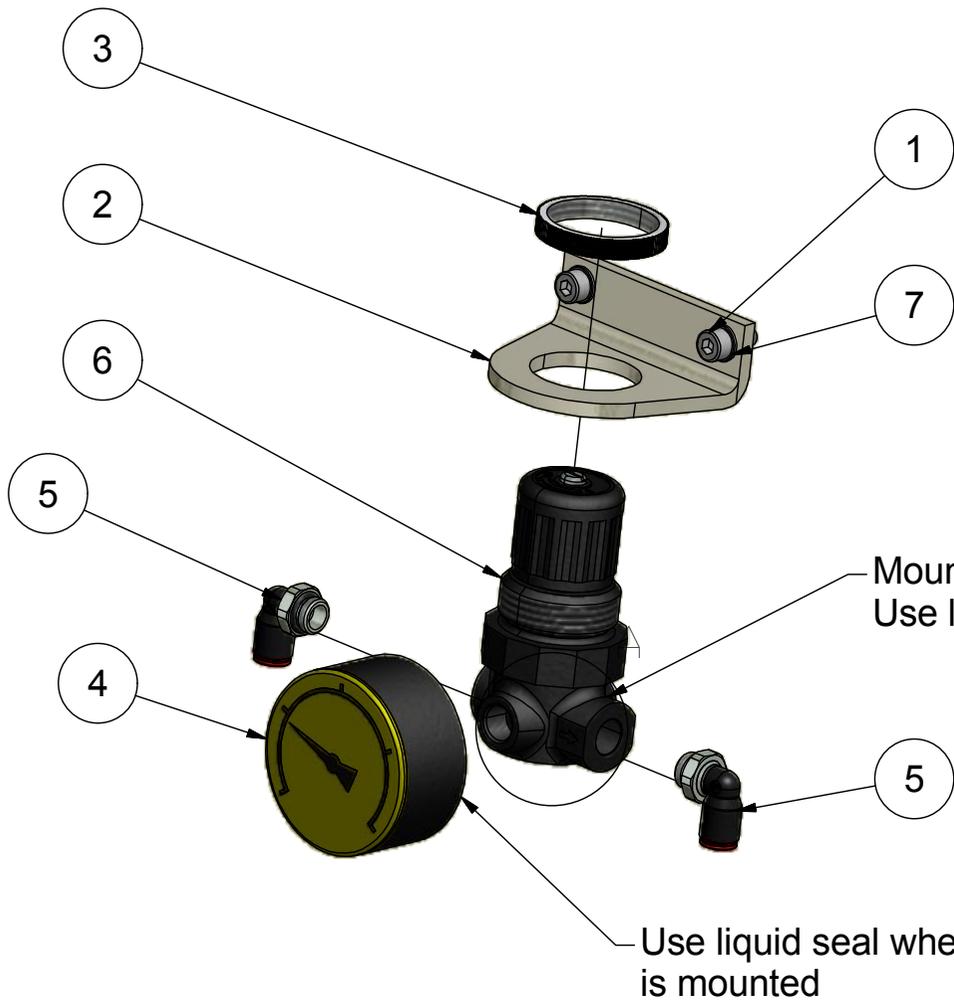
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	10208020	Hexagon cylinder head M8x20 FZB
2	4	10208025	Hexagon cylinder head M8x25 FZB
3	4	10208030	Hexagon cylinder head M8x30 FZB
4	1	11408060	Hexagon bolt M8x60 FZB
5	1	1508000	Nut M8 FZB
6	1	20405010	Hexagon countersunk head M5x10 FZB
7	2	207845	Slide Bearing GFM-2023-21
8	1	222300	Ball runner block size 25
9	1	30367	Left arm for pawholder
10	2	30400	Hinge for pawlock



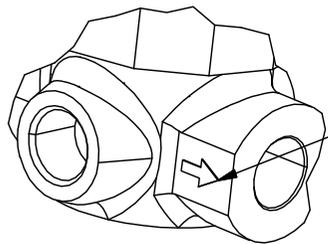
Break all edges

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	Part No.: 207977	Material:	Surface properties: 	Sheet: 1 / 2
	Description 1: Arm for pull pawholders left			
	Description 2:			

Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric



A (1 : 1)



Notice flow direction

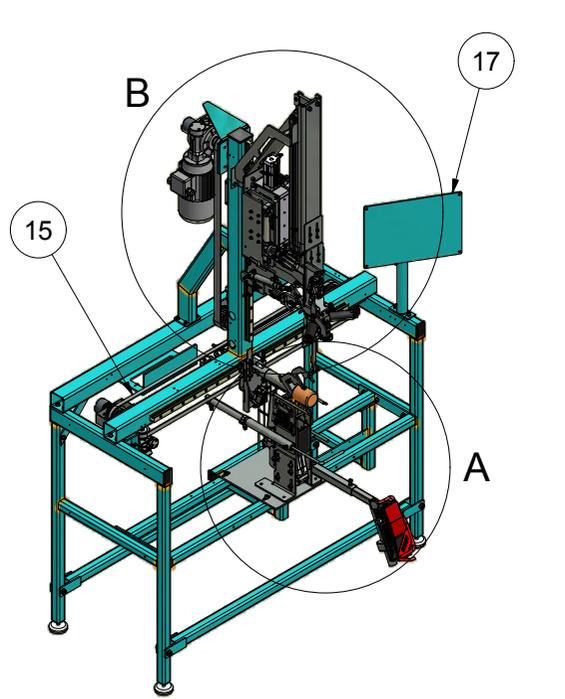
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	10205012	Hexagon cylinder head M5x12 FZB
2	1	214180	Mounting brace
3	1	215535	Panel mounting nut
4	1	215538	Gauge 0-4Bar 1/8" Ø50mm
5	2	215760	Elbow swirvel Ø6 x 1/8"
6	1	216205	Regulator 3,5 bar 1/8"
7	2	82105900	Chamfered Washer M5 FZB



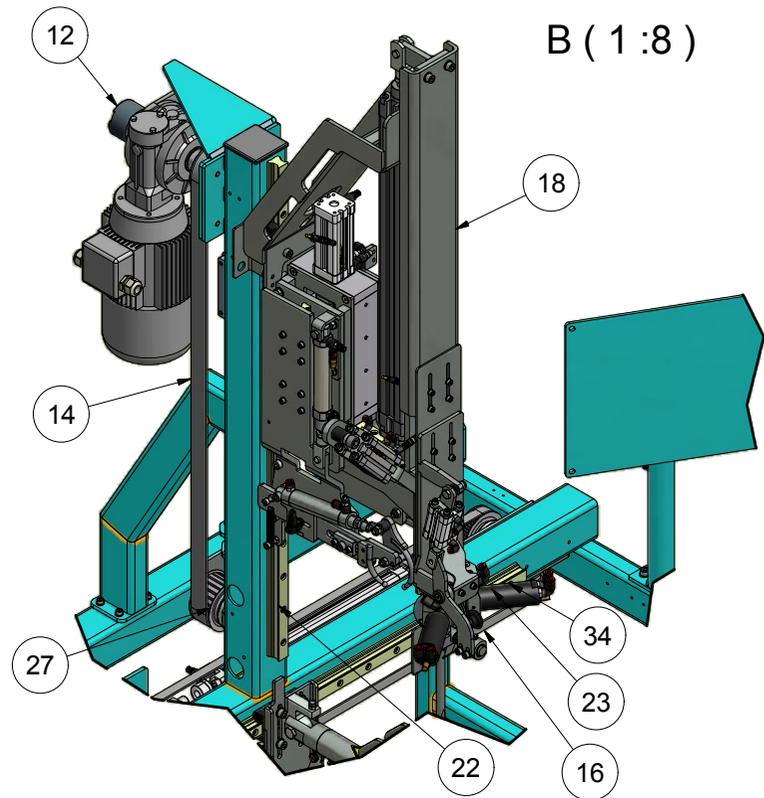
Break all edges

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	Part No.: <b>207995</b>	Material:	Surface properties: 	Sheet: <b>1 / 1</b>
	Description 1: <b>Regulator for stretch assembly</b>			
	Description 2: <b>Combi cut</b>			

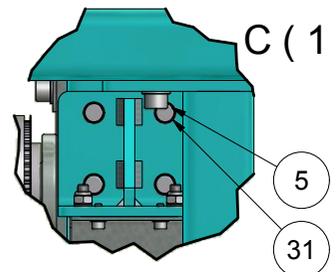
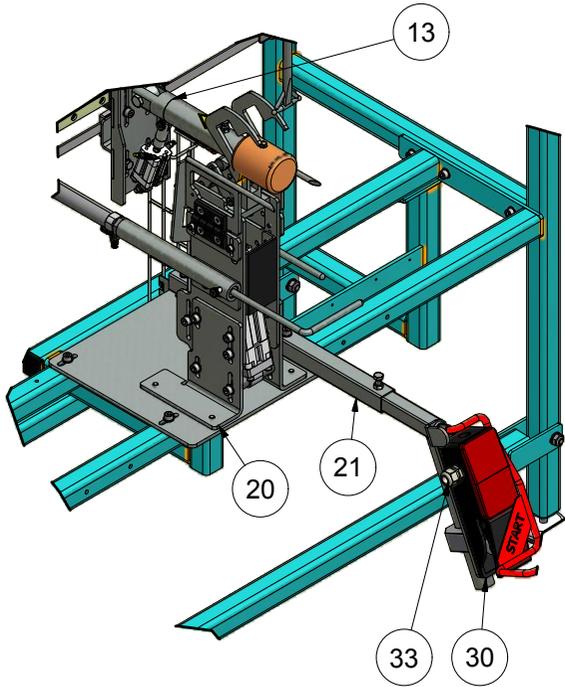
Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric



A (1:8)



B (1:8)



C (1:3)

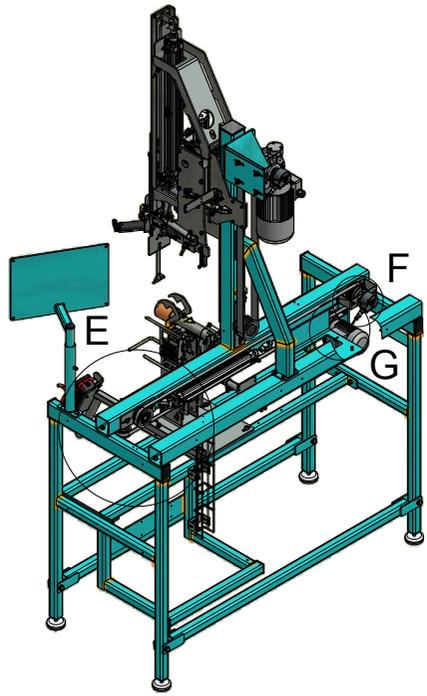
D (1:8)

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	10204012	Hexagon cylinder head M4x12 FZB
2	4	10206012	Hexagon cylinder head M6x12 FZB
3	6	10208016	Hexagon cylinder head M8x16 FZB
4	2	10208050	Hexagon cylinder head M8x50 FZB
5	4	11406012	Hexagon bolt M6x12 FZB
6	4	11408016	Hexagon bolt M8x16 FZB
7	2	11408025	Hexagon bolt M8x25 FZB
8	4	11408035	Hexagon bolt M8x35 FZB
9	1	11408075	Hexagon bolt M8x75 FZB
10	2	1508000	Nut M8 FZB
11	7	17908000	Self-locking nut M8 FZB
12	1	207852	Gear for tower
13	1	207862	Assembly crosscut knife 2010
14	1	207921	Tooth belt 32AT10/1800 (endless)
15	1	207922	Tooth belt 16AT5/2500 (endless)
16	1	207923	Tooth belt 16AT5/2360 (endless)
17	1	207939	Assembly frame combi cut M2010
18	1	207943	Assembly tower 2010
19	1	207959	Gear for crossent knife 2010
20	1	207967	Assembly complete body holder
21	1	207979	Plate f/knee pedal complet2010
22	1	207987	Ball guide rail s.25/900mm
23	1	207988	Ball guide rail s.25/1030mm
24	1	210179	Cylinder for paw stretch
25	1	30262	Assembly AT5 pulley
26	1	30263	Assembly pulley AT5
27	1	30270	Assembly AT10 pulley
28	1	30586	Assembly AT5 -32 pulley
29	1	30821	Bracket for energichain. rack
30	1	600005	Foot pedal with emergency stop
31	4	82106000	Washer M6 FZB
32	26	82108000	Washer M8 FZB
33	1	600455	Cabel gland M20 Ø5-12
34	32	10206020	Hexagon cylinder head M6x20 FZB

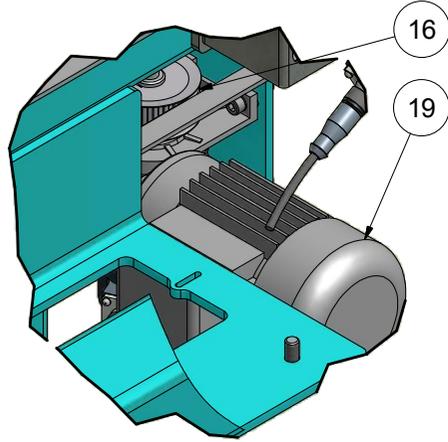
Break all edges

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		Surface properties: No	Sheet: 1/2	
	Part No.: 207996	Material:		
	Description 1: Base assembly 1	Description 2: Combi cut		

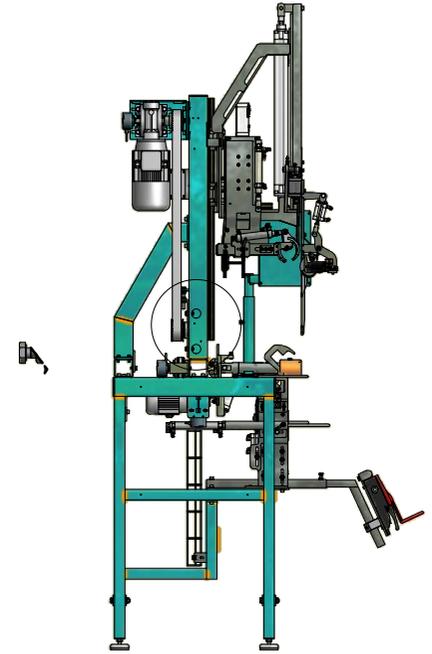
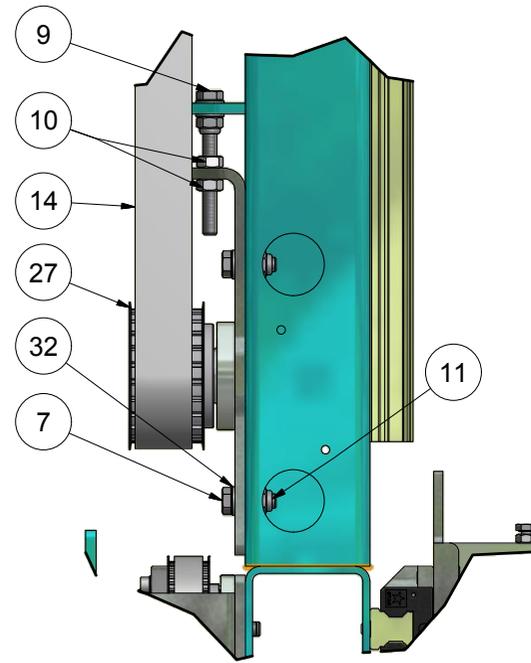
Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric



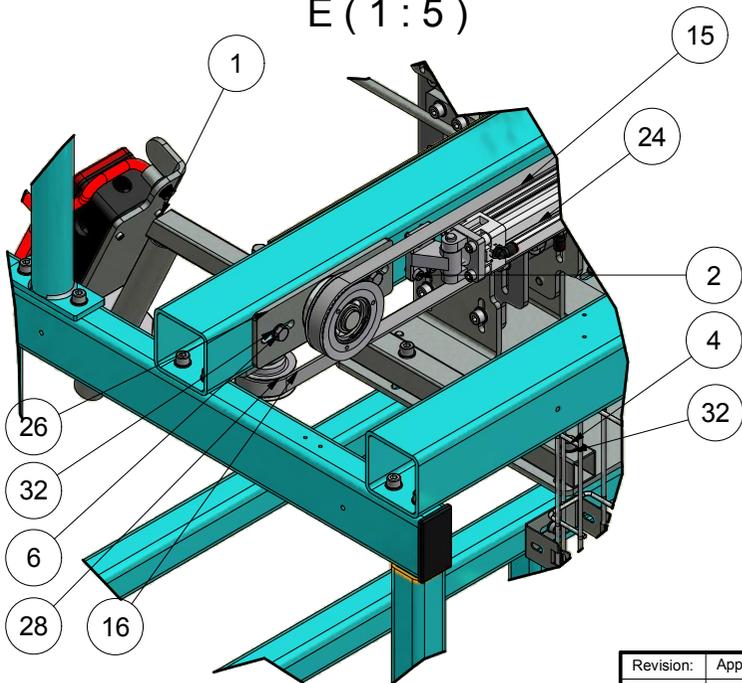
G (1:3)



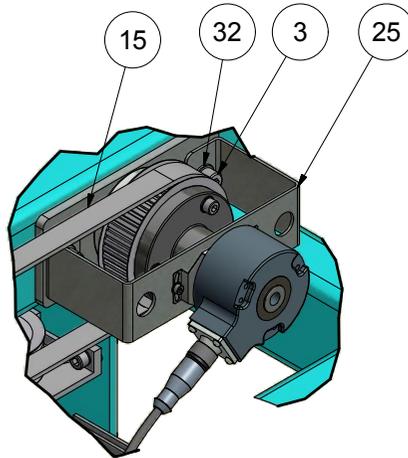
H (1:3)



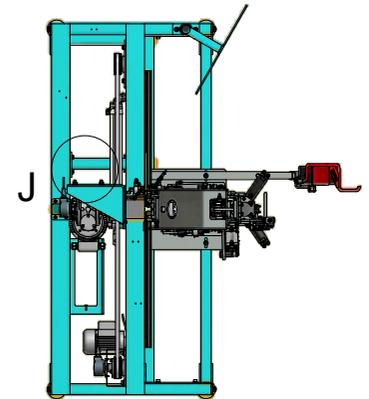
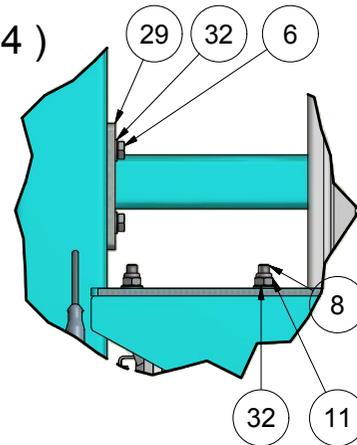
E (1:5)



F (1:3)



J (1:4)

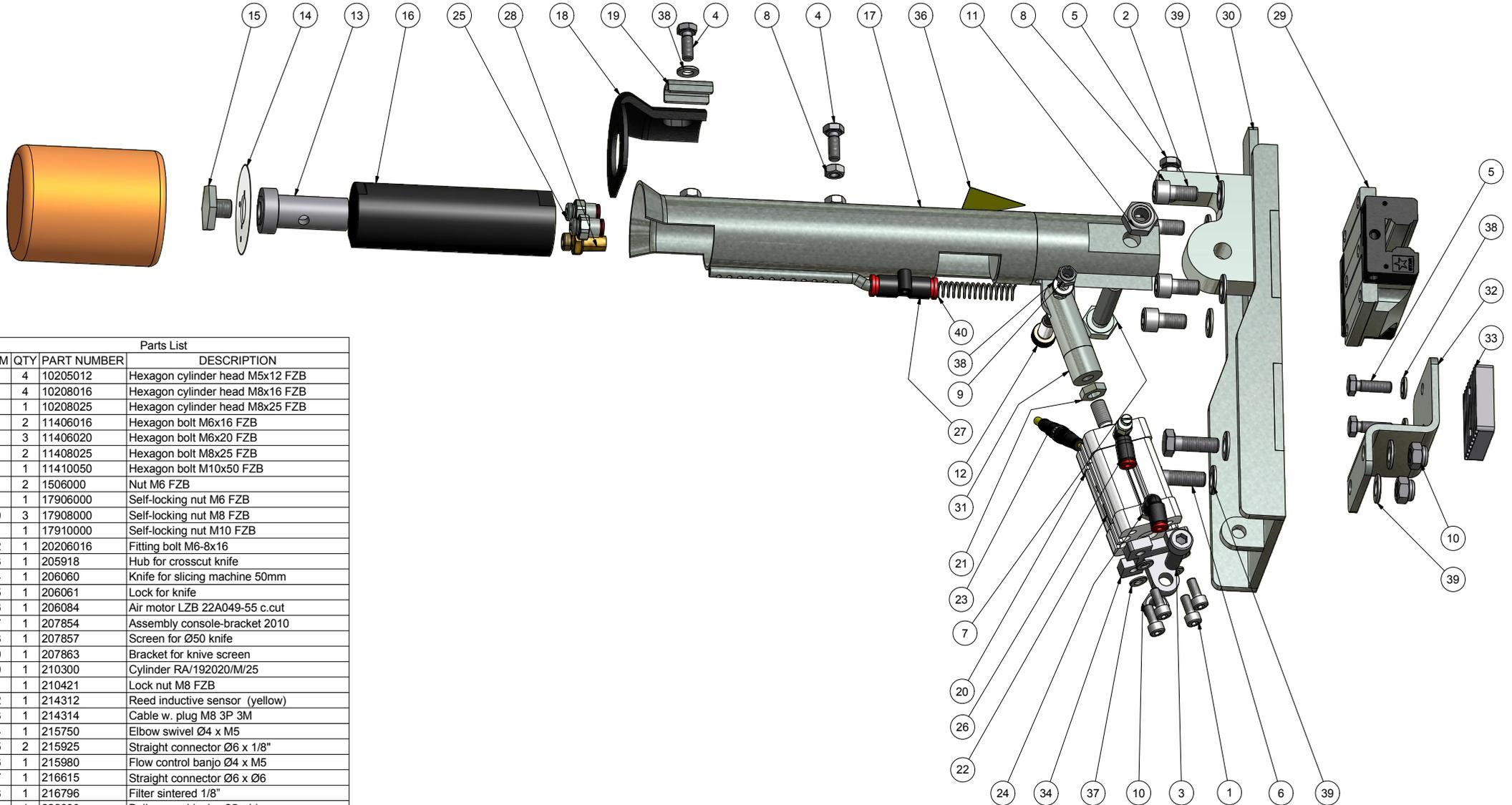


Break all edges

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	Part No.: 207996		Surface properties:	Sheet:
	Description 1: Base assembly 1	Material:	No	2/2
Description 2: Combi cut				

Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric





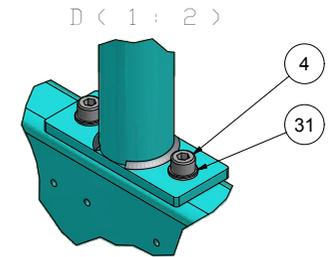
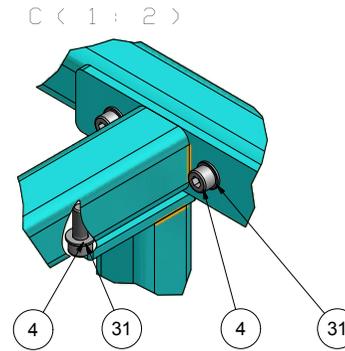
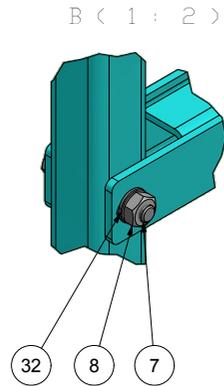
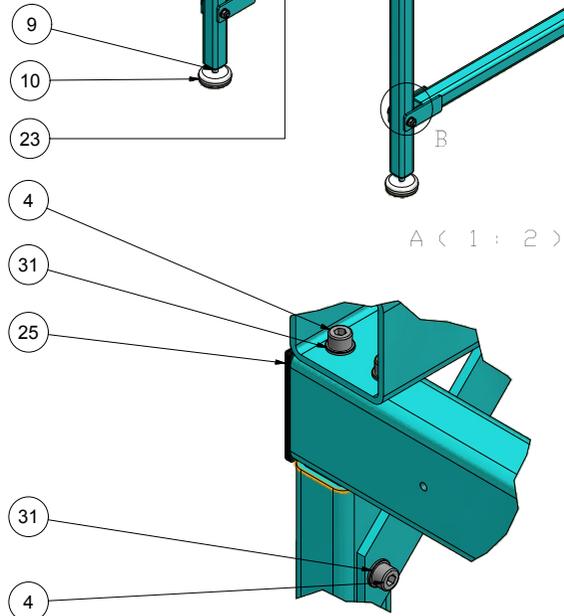
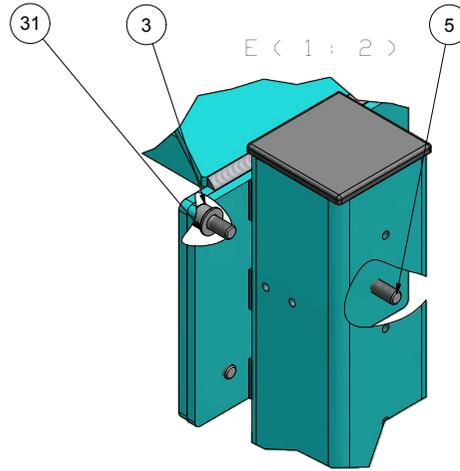
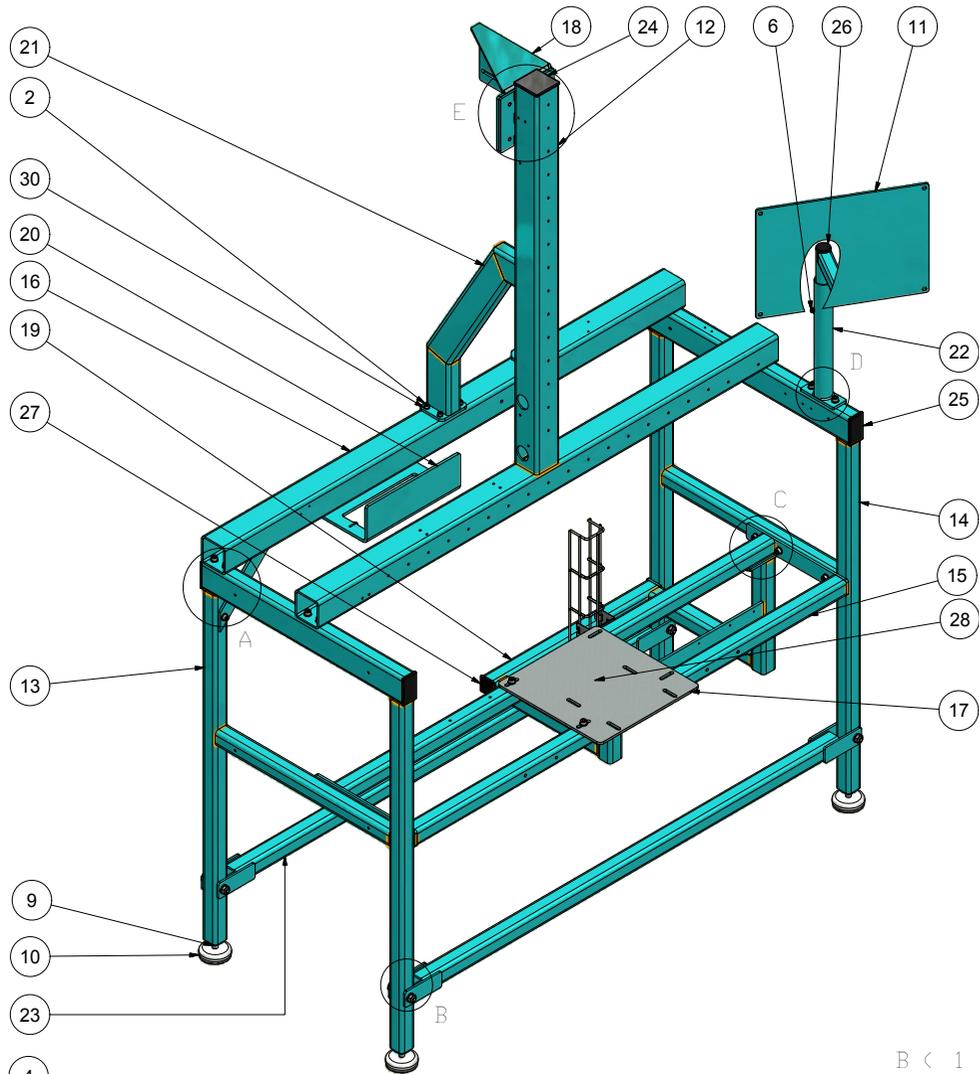
Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	10205012	Hexagon cylinder head M5x12 FZB
2	4	10208016	Hexagon cylinder head M8x16 FZB
3	1	10208025	Hexagon cylinder head M8x25 FZB
4	2	11406016	Hexagon bolt M6x16 FZB
5	3	11406020	Hexagon bolt M6x20 FZB
6	2	11408025	Hexagon bolt M8x25 FZB
7	1	11410050	Hexagon bolt M10x50 FZB
8	2	1506000	Nut M6 FZB
9	1	17906000	Self-locking nut M6 FZB
10	3	17908000	Self-locking nut M8 FZB
11	1	17910000	Self-locking nut M10 FZB
12	1	20206016	Fitting bolt M6-8x16
13	1	205918	Hub for crosscut knife
14	1	206060	Knife for slicing machine 50mm
15	1	206061	Lock for knife
16	1	206084	Air motor LZB 22A049-55 c.cut
17	1	207854	Assembly console-bracket 2010
18	1	207857	Screen for Ø50 knife
19	1	207863	Bracket for knife screen
20	1	210300	Cylinder RA/192020/M/25
21	1	210421	Lock nut M8 FZB
22	1	214312	Reed inductive sensor (yellow)
23	1	214314	Cable w. plug M8 3P 3M
24	1	215750	Elbow swivel Ø4 x M5
25	2	215925	Straight connector Ø6 x 1/8"
26	1	215980	Flow control banjo Ø4 x M5
27	1	216615	Straight connector Ø6 x Ø6
28	1	216796	Filter sintered 1/8"
29	1	222300	Ball runner block s.25 wide
30	1	30442	Assembly mountingplate for
31	1	30467	Assembly spring system
32	1	30470	Bracket for pulling of
33	1	30598	Clamping plate for AT5
34	1	30644	Assembly mountingbracket
35	1	30981	Endcab Yellow rubber
36	1	31002	Warning Sign rotating knives
37	4	82105900	Washer M5 FZB
38	4	82106000	Washer M6 FZB
39	8	82108000	Washer M8 FZB
40	1	M101054	Spring Ø1-D9-L45

Break all edges

 HEIDENSTEDT GRUPPEN HEIDENSTEDT GRUPPEN A.S.	Scale:	Not specified tolerance according to:	Sheet size:
	1 : 1.5	DS/ISO 2768-m	A2
Part No.:	Material:		Sheet:
207862	Welded Steel Mild		1 / 2
Description 1: Assembly crosscut knife 2010			
Description 2:			

Revision:	Approved	Date:	Revision Description
2	KL	25-04-2016	Ø4 Flow control changed to elbow



			Parts List	
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	2	10206016	Hexagon cylinder head M6x16 FZB	
2	4	10206020	Hexagon cylinder head M6x20 FZB	
3	3	10208016	Hexagon cylinder head M8x16 FZB	
4	26	10208020	Hexagon cylinder head M8x20FZB	
5	1	10208030	Hexagon cylinder head M8x30 FZB	
6	1	11406016	Hexagon bolt M6x16 FZB	
7	4	11410065	Hexagon bolt M10x65 FZB	
8	4	1510000	Nut M10 FZB	
9	4	1512000	Nut M12 FZB	
10	4	197350	Machine shoe M12x70xØ70	
11	1	207935	Plate for controlbox assembly	
12	1	30101	Assembly main profile	
13	1	30112	Assembly right gable	
14	1	30113	Assembly left gable	
15	1	30121	Assembly central frame	
16	1	30127	Back cross rail with	
17	1	30132	Mountingplate for	
18	1	30156	Assembly motorconsole	
19	1	30164	Assembly, support controlbox	
20	1	30167	Mountingplate for valves	
21	1	30177	Reinforcement for frame	
22	1	30210	Assembly for controlbox	
23	2	30815	Bracket for transport	
24	1	30970	End cap 70x70mm Black	
25	4	30975	End cap 70x40mm Black	
26	1	30978	End cap Ø28mm Black	
27	1	30980	End cap 40x40mm Black	
28	0,5 m	600440	Cable duct metal CF 54_50	
29	2	600445	Cable duct U-bracket UC 50-G	
30	6	82106000	Washer M6 FZB	
31	30	82108000	Washer M8 FZB	
32	8	82110000	Washer M10 FZB	

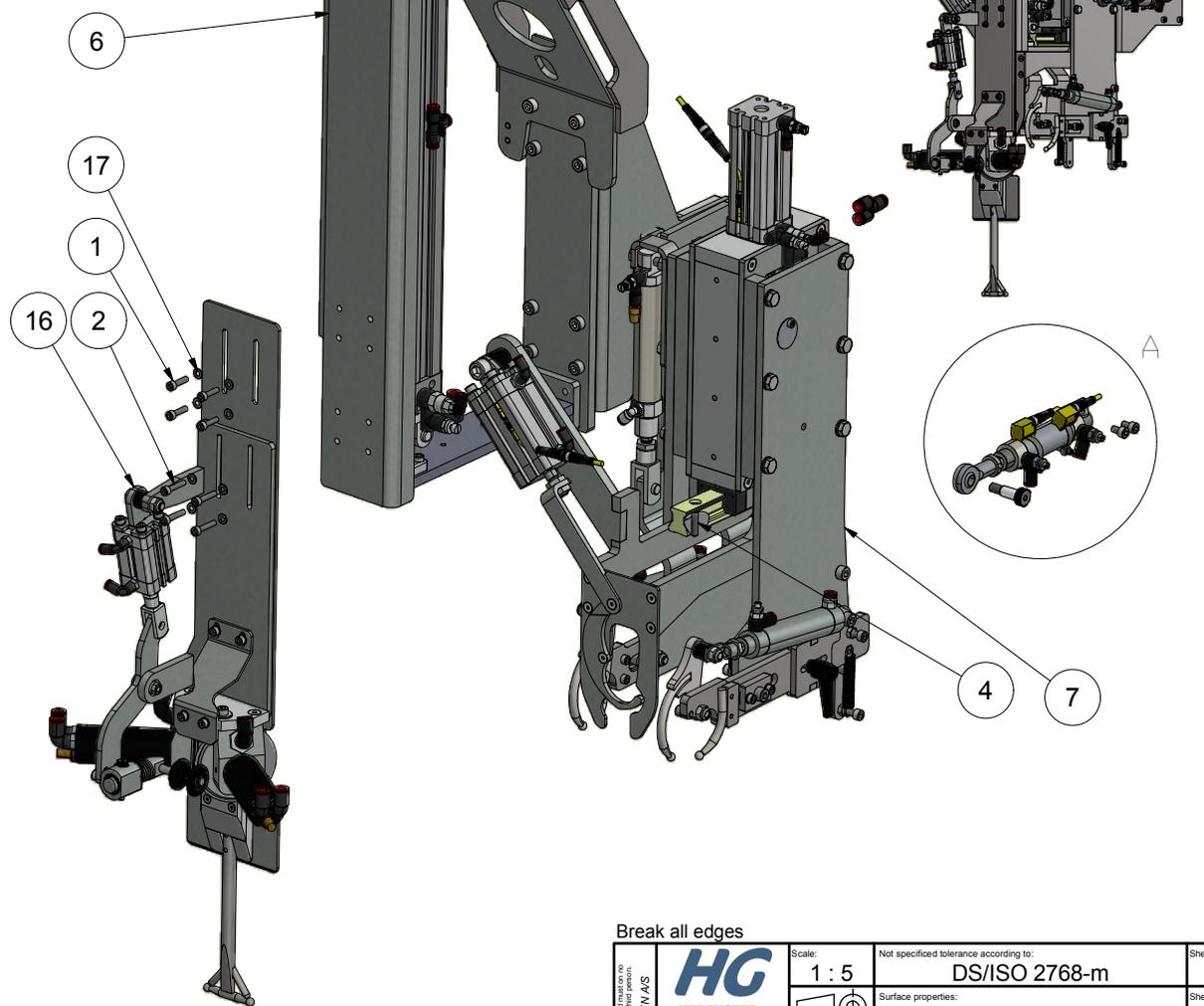
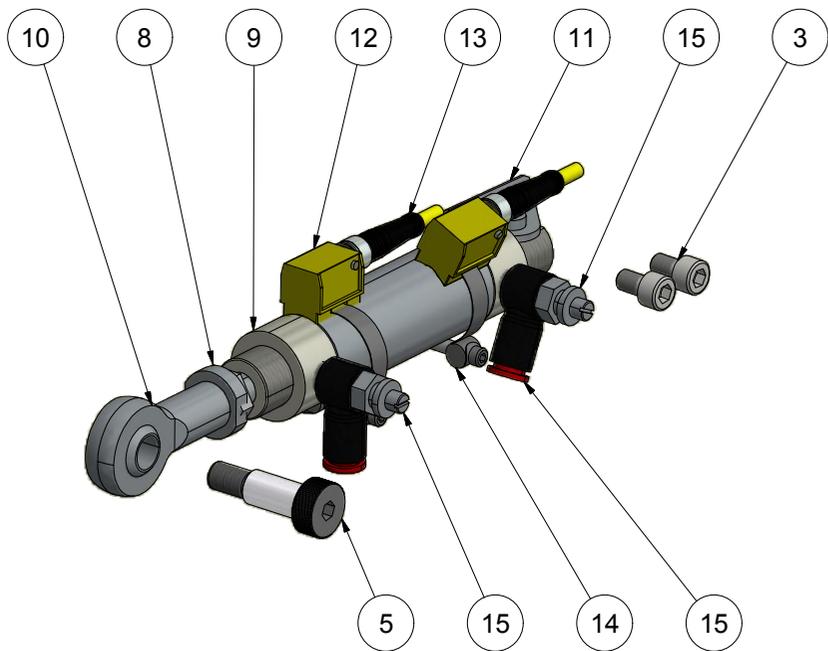
Break all edges

	Scale:	1 : 8	Not specified tolerance according to:	DS/ISO 2768-m	Sheet size:	A2
	Surface properties:	No			Sheet:	1 / 2
	Material:					
Part No.:	207939					
Description 1:	Assembly frame combi cut M2010					
Description 2:	Frame for combi cut					

Revision	Approved	Date	Revision Description
1	HG	27-01-2016	nut M12 added

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	10205020	Hexagon cylinder head M5x20 FZB
2	4	10205025	Hexagon cylinder head M5x25 FZB
3	2	10206010	Hexagon cylinder head M6x10 FZB
4	3	10206025	Hexagon cylinder head M6x25 FZB
5	1	20208020	Fitting bolt M8-10x20
6	1	207945	Frame for spade lift 2010
7	1	207954	Assembly leghook and tailroll
8	1	210427	Lock nut M10x1,25 FZB
9	1	211616	Cylinder RT/57225/M/50
10	1	214116	UF-Bracket QM/8025/32
11	1	214140	L-Bracket QM/57025/24
12	2	214311	Reed Inductive sensor for Roundline (Yellow)
13	2	214314	Cable w. plug M8 3P 3M
14	2	214319	Clamp for sensor Ø8-25mm, KLP 25
15	2	215110	Flow control banjo Ø6 x 1/8"t
16	1	30426	Assembly tailroll system
17	8	82105900	Washer M5 FZB



A < 1 : 1,5 >

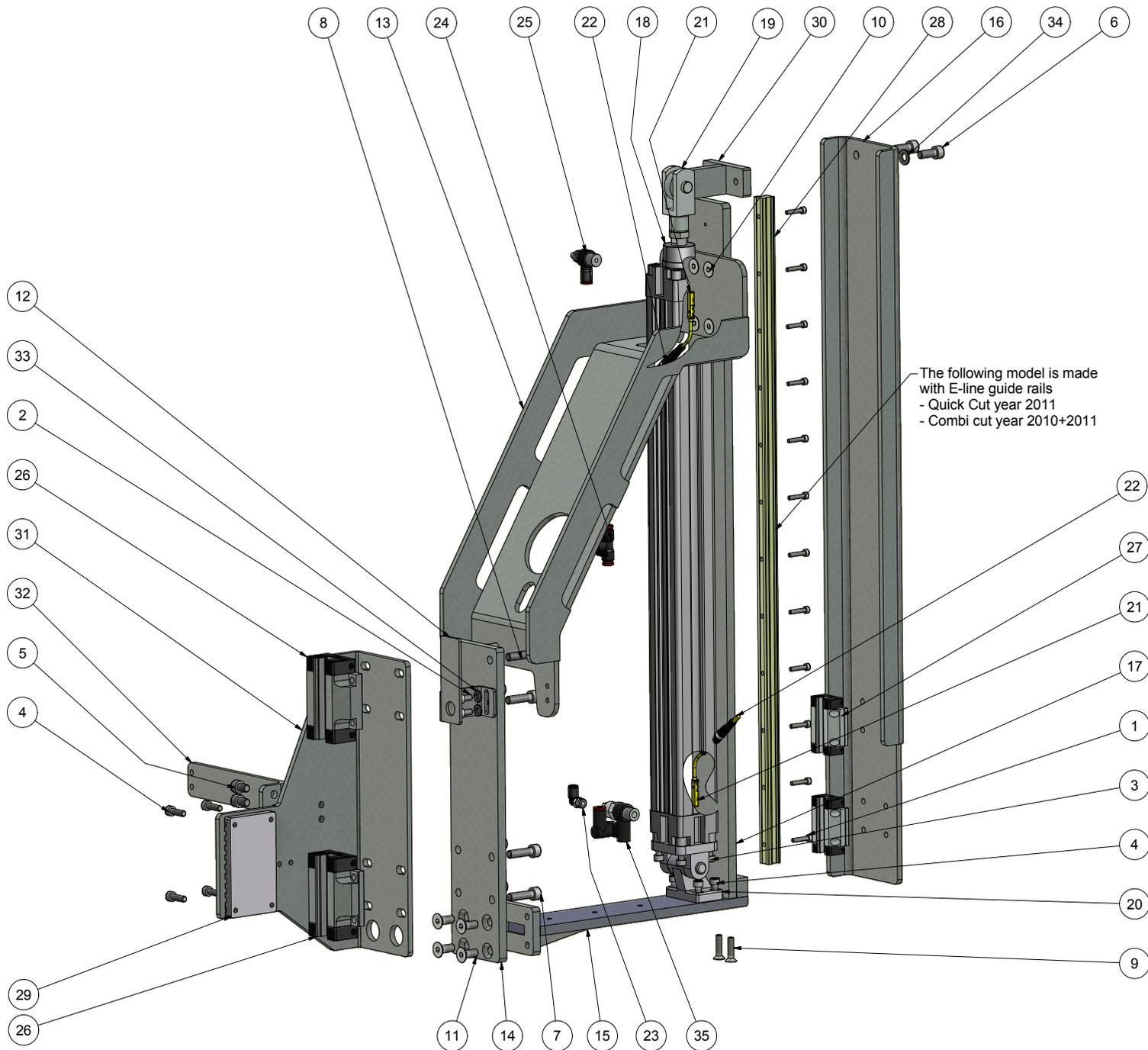
Revision:	Approved	Date:	Revision Description
2	KL	19-12-2016	Cylinder sensors changed to 214311

Break all edges

The drawing is a technical drawing and not a photograph. It is not to be used for manufacturing without the approval of the engineering department.		Scale:	1 : 5	Not specified tolerance according to:	DS/ISO 2768-m	Sheet size:	A3
	HEDESTED GRUPPEN		Surface properties:			Sheet:	1/2
	Part No.:	207943	Material:				
Description 1:		Assembly tower 2010					
Description 2:							

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	12	10204020	Hexagon cylinder head M4x20 FZB
2	2	10206012	Hexagon cylinder head M6x12 FZB
3	4	10206016	Hexagon cylinder head M6x16 FZB
4	8	10206020	Hexagon cylinder head M6x20 FZB
5	2	10208012	Hexagon cylinder head M8x12 FZB
6	2	10208020	Hexagon cylinder head M8x20FZB
7	6	10208030	Hexagon cylinder head M8x30 FZB
8	2	10208035	Hexagon cylinder head M8x35 FZB
9	2	20406025	Hexagon countersunk head M6x25 FZB
10	4	20408016	Hexagon countersunk head M8x16 FZB
11	4	20408020	Hexagon countersunk head M8x20 FZB
12	1	207861	Bracket for sensor, tower, Combi Cut 2010
13	1	207880	Reinforcement for tower
14	1	207885	Console for tower model 2008
15	1	207887	Horisontial console for tower
16	1	207890	Connectionplate-spade cylinder
17	1	207895	Horisontial console model ES
18	1	212129	Cylinder PRA/182040/M/500
19	1	214120	F-Bracket QM/8040/25
20	1	214160	L-Bracket QA/8040/24
21	2	214312	Reed inductive sensor (yellow)
22	2	214314	Cable w. plug M8 3P 3M
23	1	215730	Elbow swirvel Ø6 x 1/8"t
24	1	215850	Tee Ø6 x Ø6 x Ø6
25	1	215992	Flow control Banjo Ø6 x 1/4"
26	2	222300	Ball runner block s.25 wide
27	2	222315	Ball runner block s.15 wide
28	1	222337	Ball guide rail s.15/700mm
29	1	30268	Clamping plate for AT10
30	1	30291	Bracket assembly for
31	1	30700	Connection plate for belt
32	1	30820	Bracket for energi chain
33	2	82106000	Washer M6 FZB
34	2	82108000	Washer M8 FZB
35	1	M102018	Valve no-return, pilot opreated, Ø6 x 1/4"t



The following model is made with E-line guide rails  
 - Quick Cut year 2011  
 - Combi cut year 2010+2011

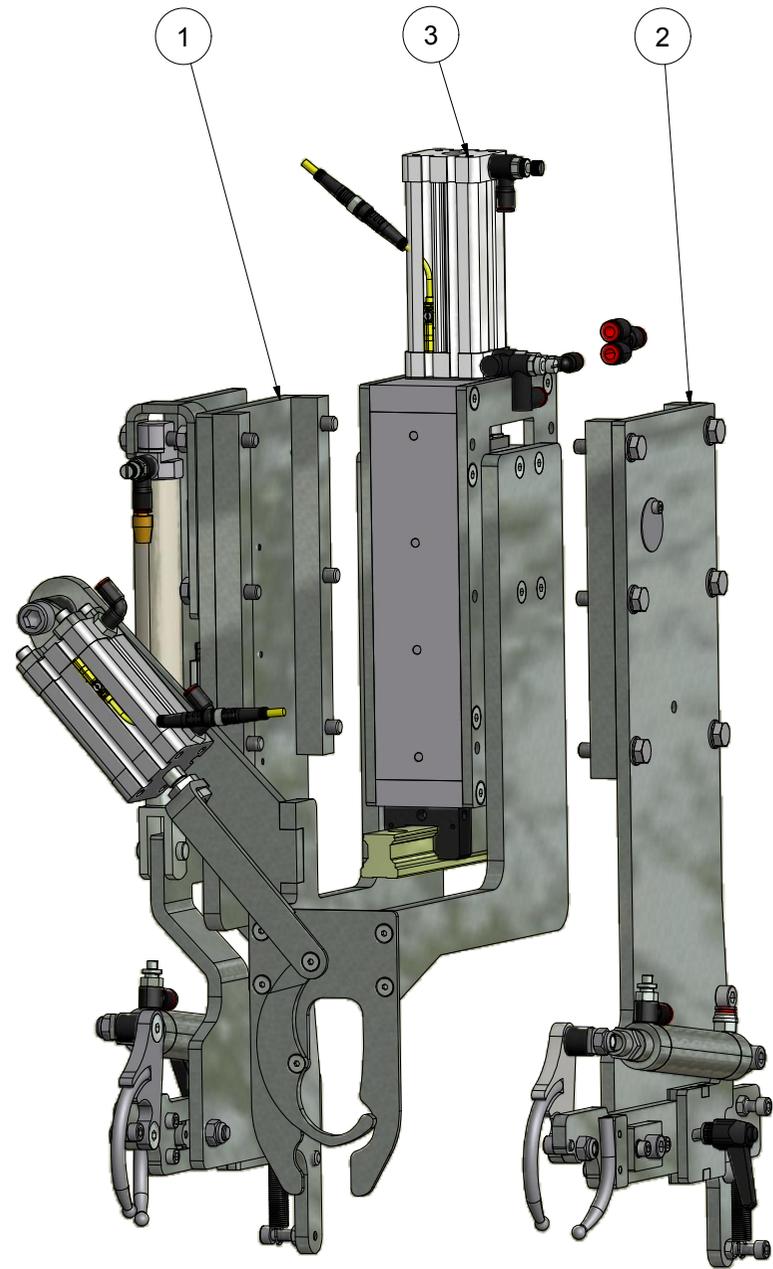
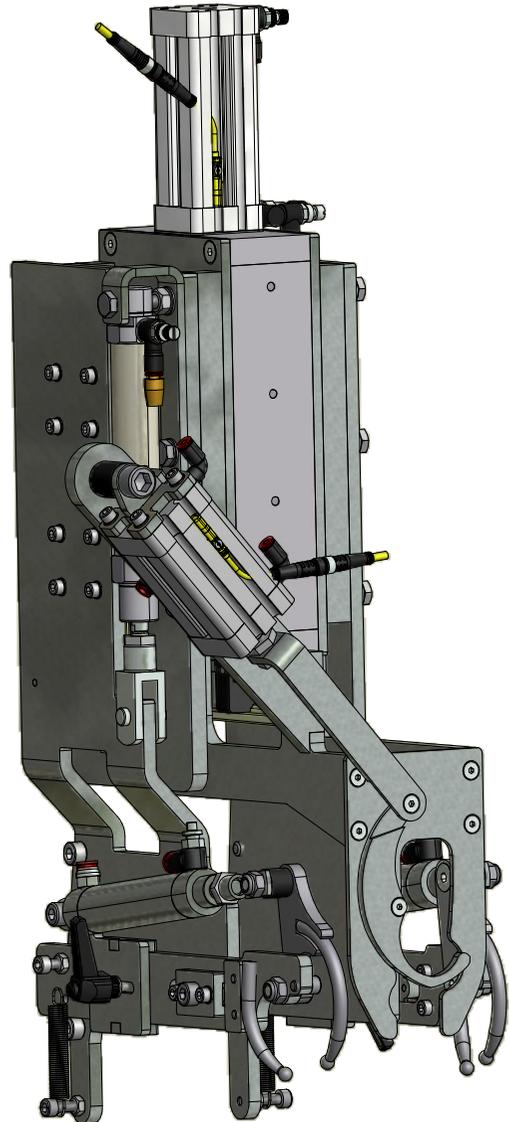
Break all edges

 HEIDENSTEDT GRUPPEN A/S	Scale:	1 : 6	Not specified tolerance according to:	DS/ISO 2768-m	Sheet size:	A2
	Part No.:	207945	Surface properties:		Sheet:	1 / 2
Description 1: Frame for spade lift 2010						
Description 2:						

Revision:	Approved	Date:	Revision Description
2	KL	25-04-2016	No-return valve added

Parts List

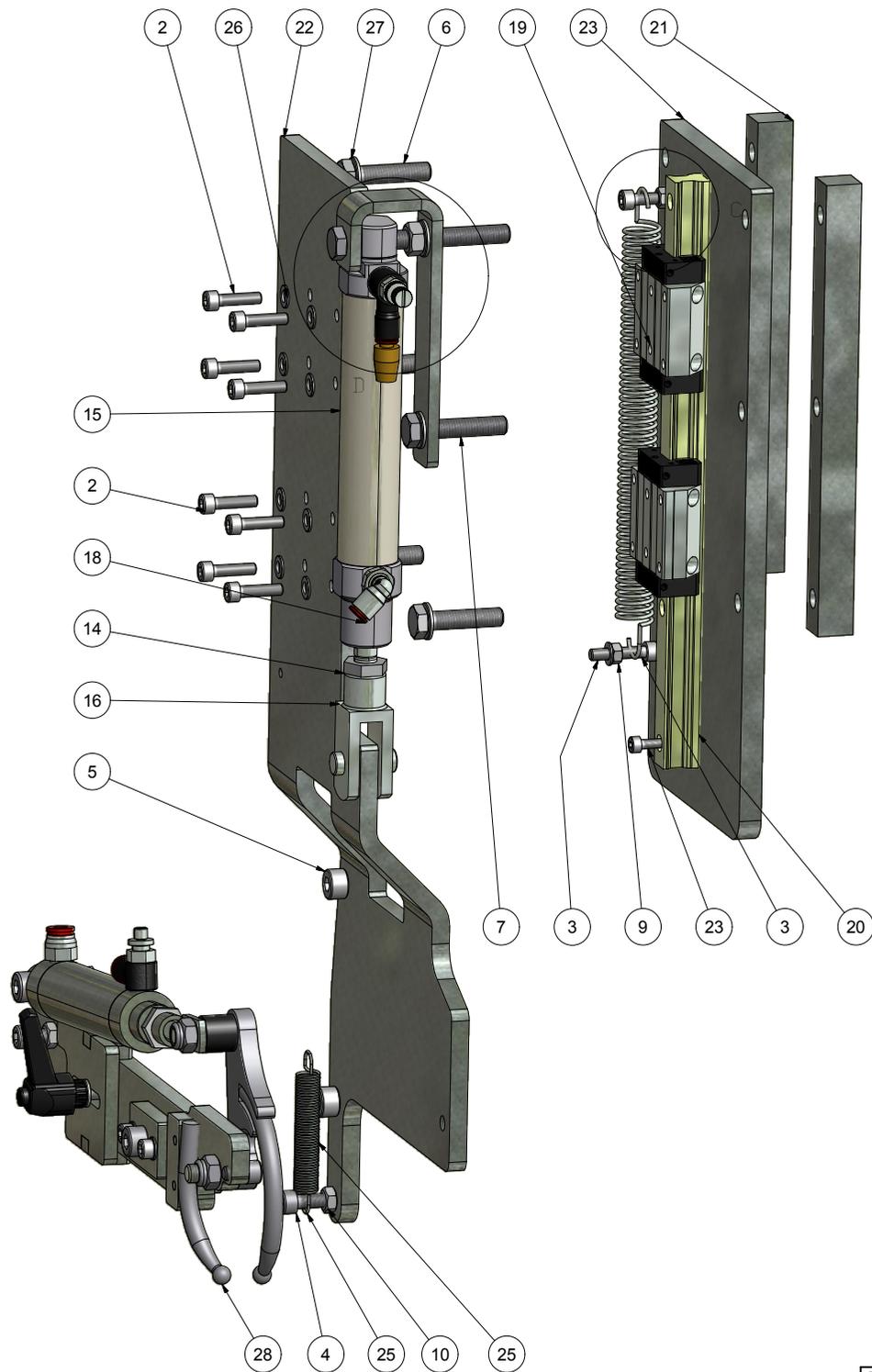
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	207949	Left leghook system 2010
2	1	207848	Right leghook system
3	1	207951	Tailspadesystem 2010



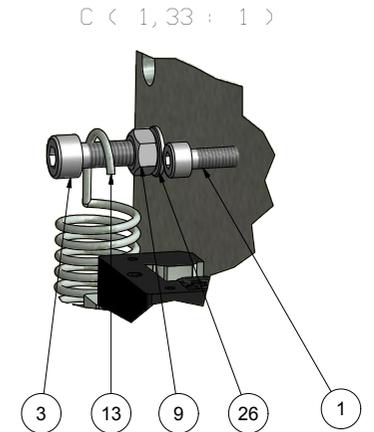
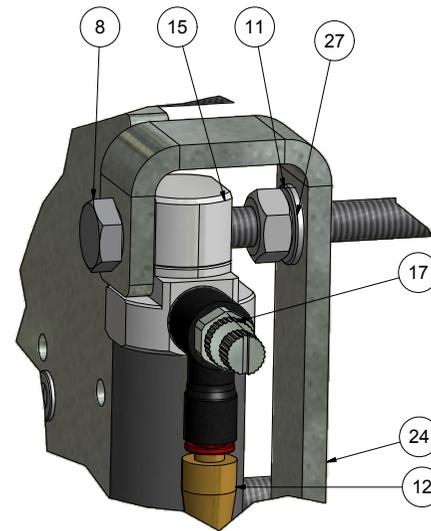
Break all edges

The dimensions shown in this drawing are for information only and are not intended to be used for manufacturing. The dimensions shown in this drawing are for information only and are not intended to be used for manufacturing.		Scale:	Not specified tolerance according to:	Sheet size:
		1 : 3	DS/ISO 2768-m	A3
			Surface properties:	Sheet:
				1 / 2
	Part No.:	Material:		
	207954			
	Description 1:			
	Assembly leghook and tailroll			
	Description 2:			

Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric



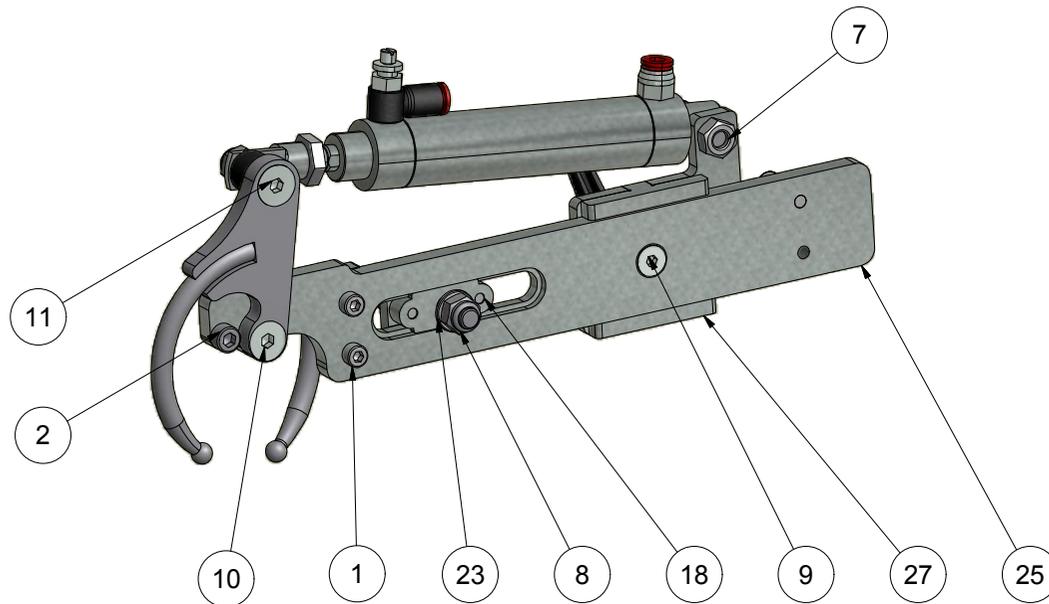
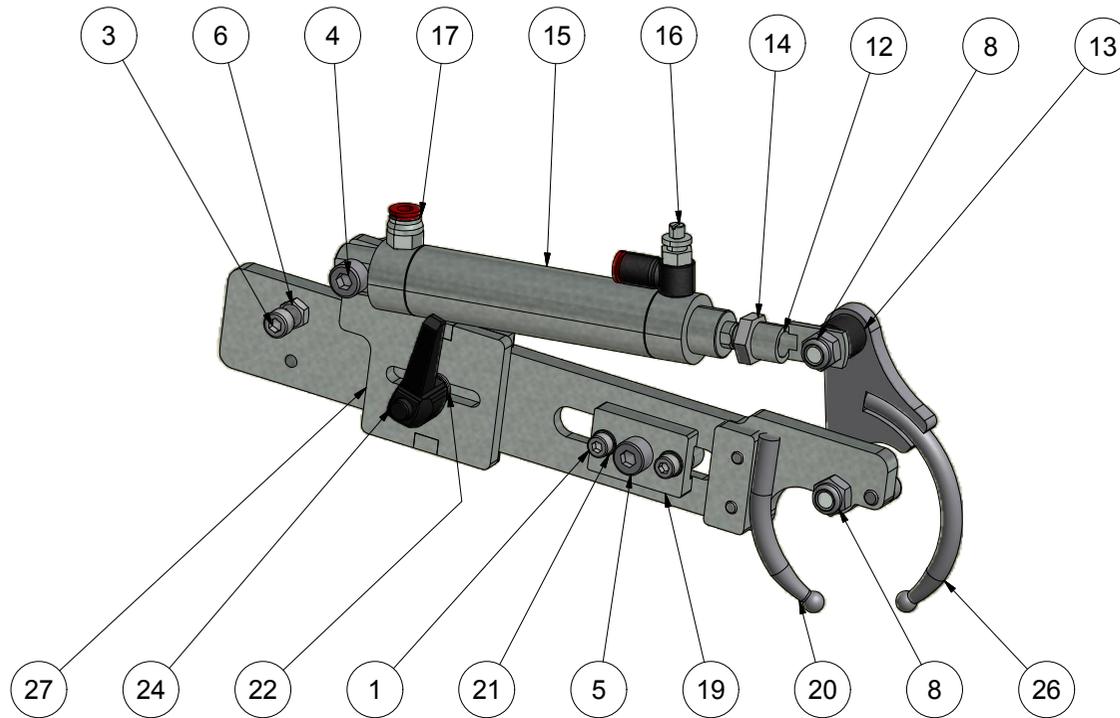
Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	5	10204020	Hexagon cylinder head M4x20 FZB	
2	8	10205020	Hexagon cylinder head M5x20 FZB	
3	2	10205025	Hexagon cylinder head M5x25 FZB	
4	1	10206025	Hexagon cylinder head M6x25 FZB	
5	2	10208010	Hexagon cylinder head M8x10 FZB	
6	4	11408035	Hexagon bolt M8x35 FZB	
7	1	11408040	Hexagon bolt M8x40 FZB	
8	1	11408075	Hexagon bolt M8x75 FZB	
9	2	1505000	Nut M5 FZB	
10	1	1506000	Nut M6 FZB	
11	1	1508000	Nut M8 FZB	
12	1	197337	Filter Ø6 pipe Metal	
13	1	207944	Extension spring 1,6-13,5x120	
14	1	210427	Lock nut M10x1,25 FZB	
15	1	211038	Cylinder RM/8026/M/80	
16	1	214115	F-Joint QM-8025-25	
17	1	215105	Flow Banjo control Ø6 1/8"	
18	1	215760	Elbow swivel Ø6 x 1/8"	
19	2	222315	Ball runner block size 15	
20	1	222336	Ball guide rail size 15-260mm	
21	2	30240	Distance block for tower	
22	1	30324	Left carrying plate	
23	1	30327	Support for carrying plate	
24	1	30329	Bracket for cylinder CC	
25	1	470580	Extension spring ø1,0x70x11 VZ	
26	10	82105900	Chamfered Washer M5 FZB	
27	6	82108000	Chamfered Washer M8 FZB	
28	1	M101636	Leghook system Left XL	



D < 1,33 : 1 >

Break all edges			
 HEIDENSTEDT GRUPPEN A/S Part No.: 207949	Scale: 1 : 1,5 Surface properties:	Not specified tolerance according to: DS/ISO 2768-m	Sheet size: A2 Sheet: 1 / 2
	Description 1: Left leghook system 2010 Description 2:		

Revision	Approved	Date	Revision Description
2	KL	06-01-2016	Leghooks changed to XL



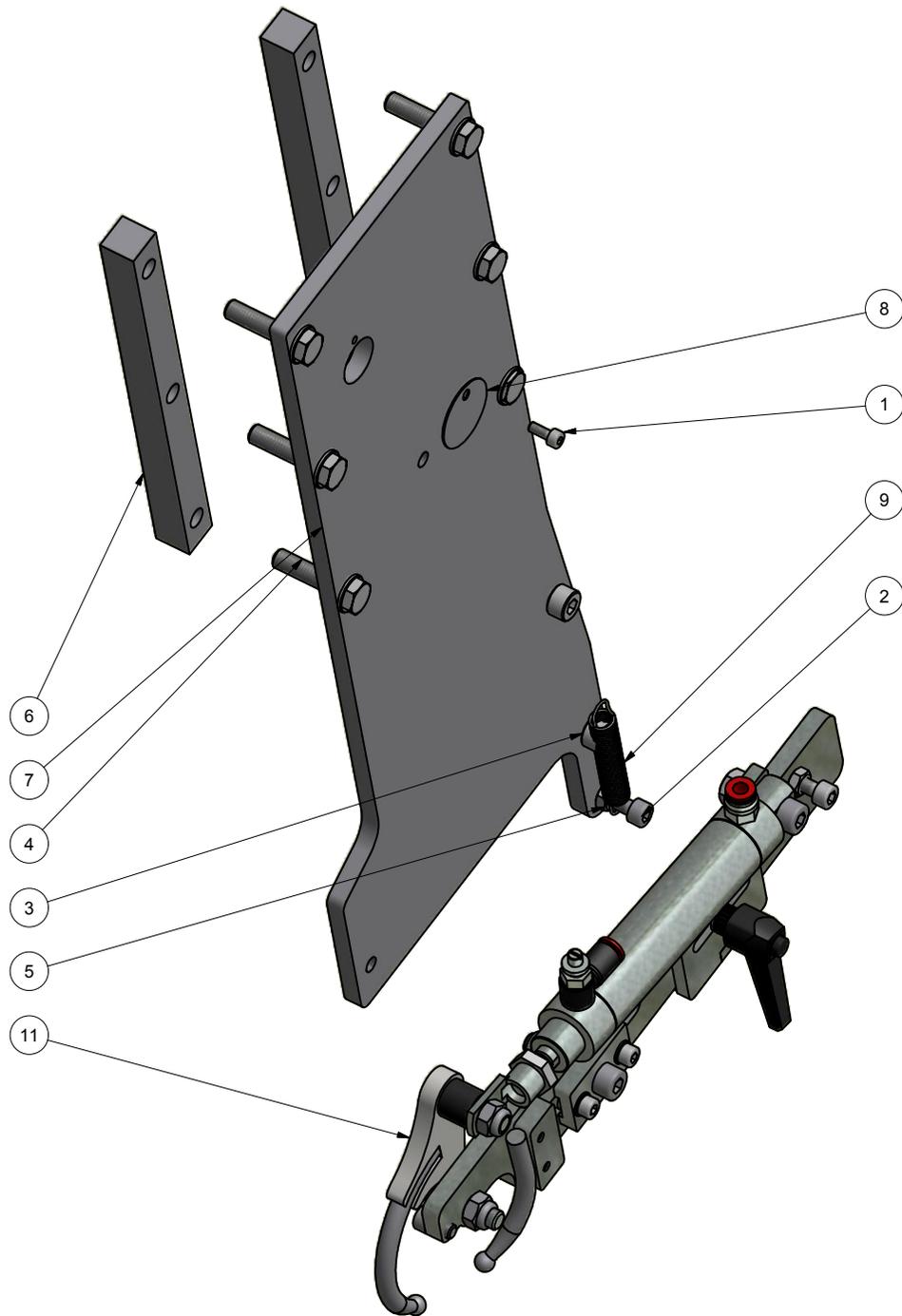
PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	10205016	Hexagon cylinder head M5x16 FZB
2	1	10206010	Hexagon cylinder head M6x10 FZB
3	1	10206020	Hexagon cylinder head M6x20 FZB
4	1	10208025	Hexagon cylinder head M8x25 FZB
5	1	10208035	Hexagon cylinder head M8x35 FZB
6	1	1506000	Nut M6 FZB
7	1	1508000	Nut M8 FZB
8	3	17908000	Self-locking nut M8 FZB
9	1	20406025	Hexagon countersunk head M6x25 FZB
10	1	20408025	Hexagon countersunk head M8x25 FZB
11	1	20408035	Hexagon countersunk head M8x35 FZB
12	1	207856	Bracket for legbook
13	1	207870	Spacer for leghooks
14	1	210427	Lock nut M10x1,25 FZB
15	1	211018	Cylinder RT-57225-M-80
16	1	215110	Flow control banjo Ø6 x 1/8"t
17	1	215900	Straight connector Ø6 x 1/8"t
18	1	30255	T-bolt for arm
19	1	30265	Block for T-bolt
20	1	30662	Left back-hook - small
21	2	82105900	Chamfered Washer M5 FZB
22	1	82106000	Chamfered Washer M6 FZB
23	1	82108000	Chamfered Washer M8 FZB
24	1	M100288	Adjustable handle M6 -42mm
25	1	M101627	Arm for leg hooks left side
26	1	M101629	Leghook XL, big, left
27	1	M101632	Cylinder bracket left for XL hooks

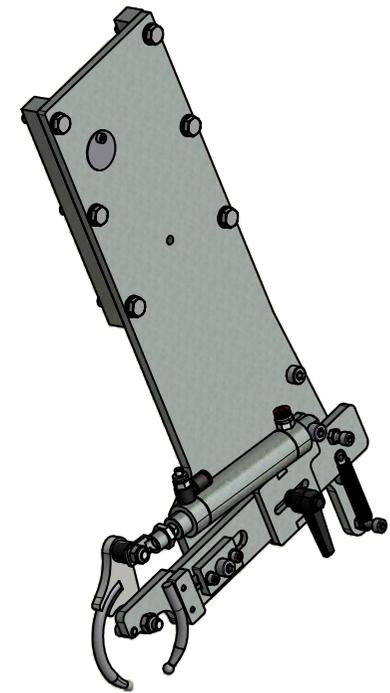
Break all edges

The information on this drawing is the property of HEDENSTED GRUPPEN AS and is not to be copied or disclosed to any third party.		Scale: 1 : 2	Not specified tolerance according to: DS/ISO 2768-m	Sheet size: A3
	Part No.: <b>M101636</b>	Material:	Surface properties: No	Sheet: 1/1
	Description 1: <b>Leghook system Left XL</b>			
	Description 2: <b>Combi Cut 2016 -</b>			

Revision:	Approved	Date:	Revision Description
1	KL	02/11/2015	Made



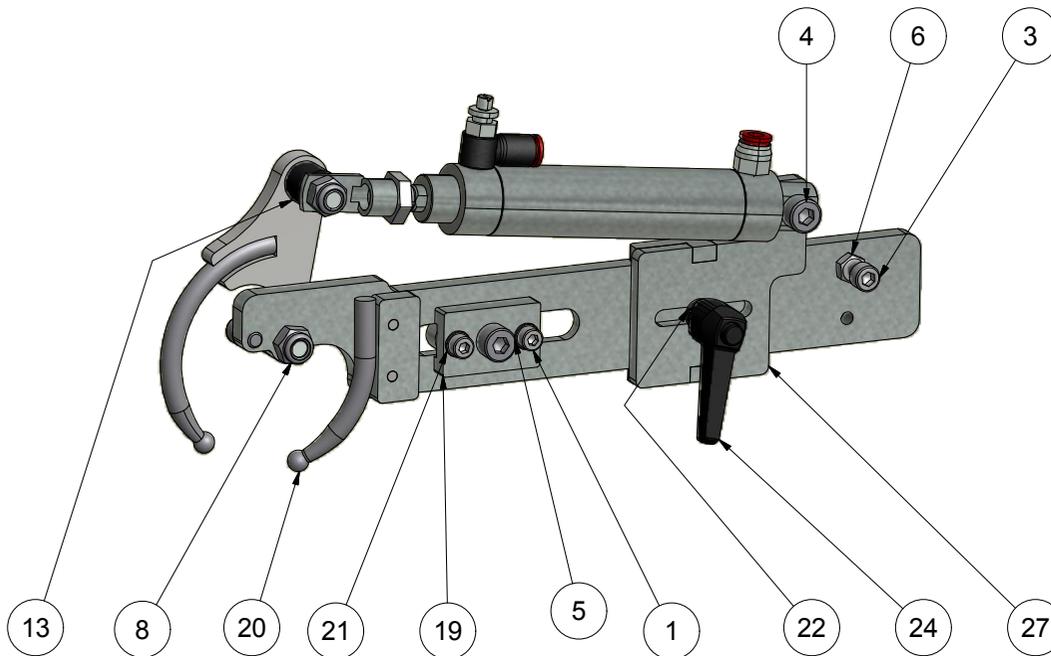
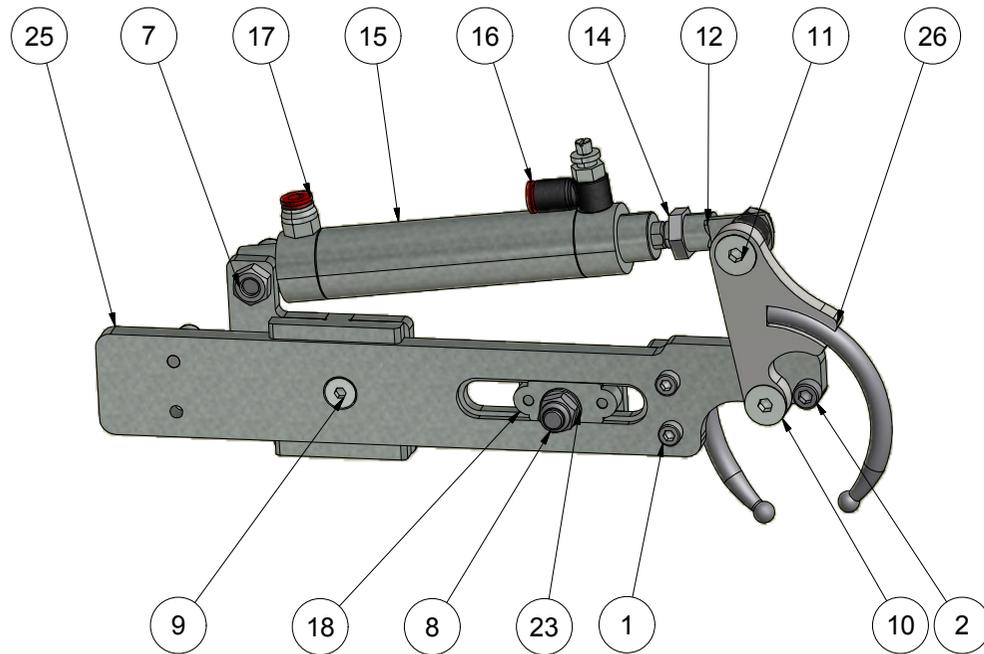
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	10204010	Hexagon cylinder head M4x10 FZB
2	1	10206025	Hexagon cylinder head M6x25 FZB
3	2	10208010	Hexagon cylinder head M8x10 FZB
4	6	11408035	Hexagon bolt M8x35 FZB
5	1	1506000	Nut M6 FZB
6	2	30240	Distance block for tower
7	1	30325	Right carrying plate
8	1	30328	Coverplate f. lubricating
9	1	470580	Extension spring $\varnothing 1,0 \times 70 \times 11$ VZ
10	6	82108000	Chamfered Washer M8 FZB
11	1	M101638	Leghook system Right XL



Break all edges

The information on this drawing is the property of HEDENSTED GRUPPEN A/S. It is not to be copied or disclosed to any third person.		Scale: 1 : 2	Not specified tolerance according to: DS/ISO 2768-m	Sheet size: A3
	Part No.: 207848	Material:	Surface properties: 	Sheet: 1 / 2
	Description 1: Right leghook system			
	Description 2:			

Revision:	Approved	Date:	Revision Description
2	KL	06-01-2016	Leghooks changed to XL



PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	10205016	Hexagon cylinder head M5x16 FZB
2	1	10206010	Hexagon cylinder head M6x10 FZB
3	1	10206020	Hexagon cylinder head M6x20 FZB
4	1	10208025	Hexagon cylinder head M8x25 FZB
5	1	10208035	Hexagon cylinder head M8x35 FZB
6	1	1506000	Nut M6 FZB
7	1	1508000	Nut M8 FZB
8	3	17908000	Self-locking nut M8 FZB
9	1	20406025	Hexagon countersunk head M6x25 FZB
10	1	20408025	Hexagon countersunk head M8x25 FZB
11	1	20408035	Hexagon countersunk head M8x35 FZB
12	1	207856	Bracket for legbook
13	1	207870	Spacer for leghooks
14	1	210427	Lock nut M10x1,25 FZB
15	1	211018	Cylinder RT-57225-M-80
16	1	215110	Flow control banjo Ø6 x 1/8"t
17	1	215900	Straight connector Ø6 x 1/8"t
18	1	30255	T-bolt for arm
19	1	30265	Block for T-bolt
20	1	30663	Right back-hook - small
21	2	82105900	Chamfered Washer M5 FZB
22	1	82106000	Chamfered Washer M6 FZB
23	1	82108000	Chamfered Washer M8 FZB
24	1	M100288	Adjustable handle M6 -42mm
25	1	M101628	Arm for XL leg hooks right side
26	1	M101630	Leghook XL, big, Right
27	1	M101634	Cylinder bracket Left for XL hook

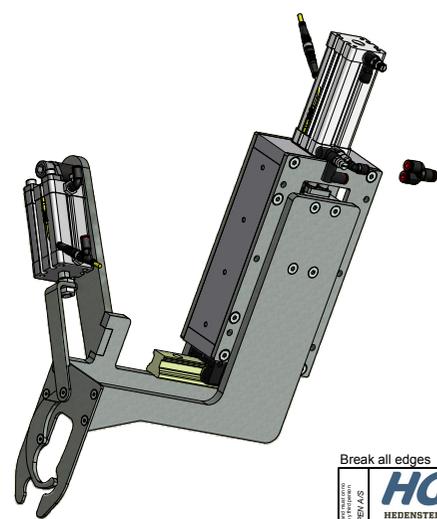
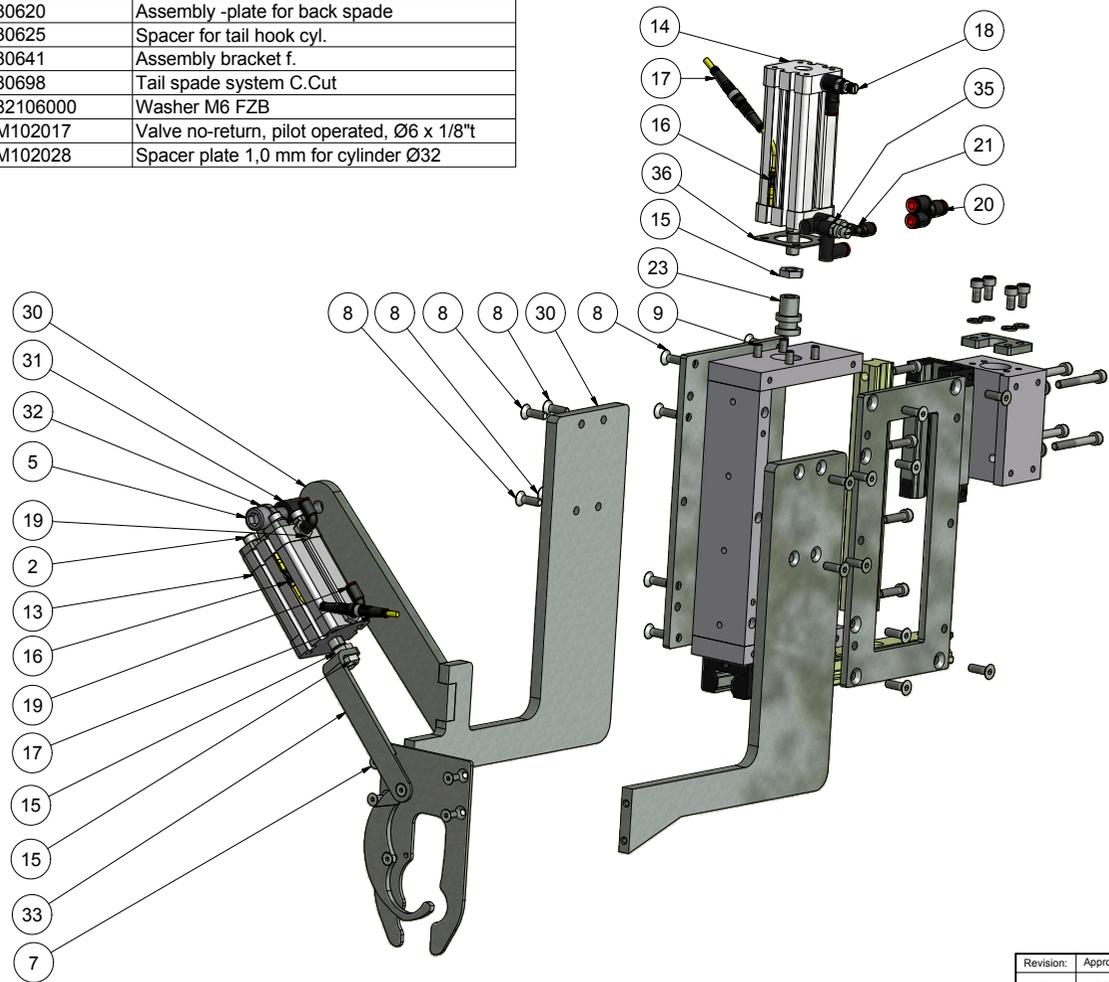
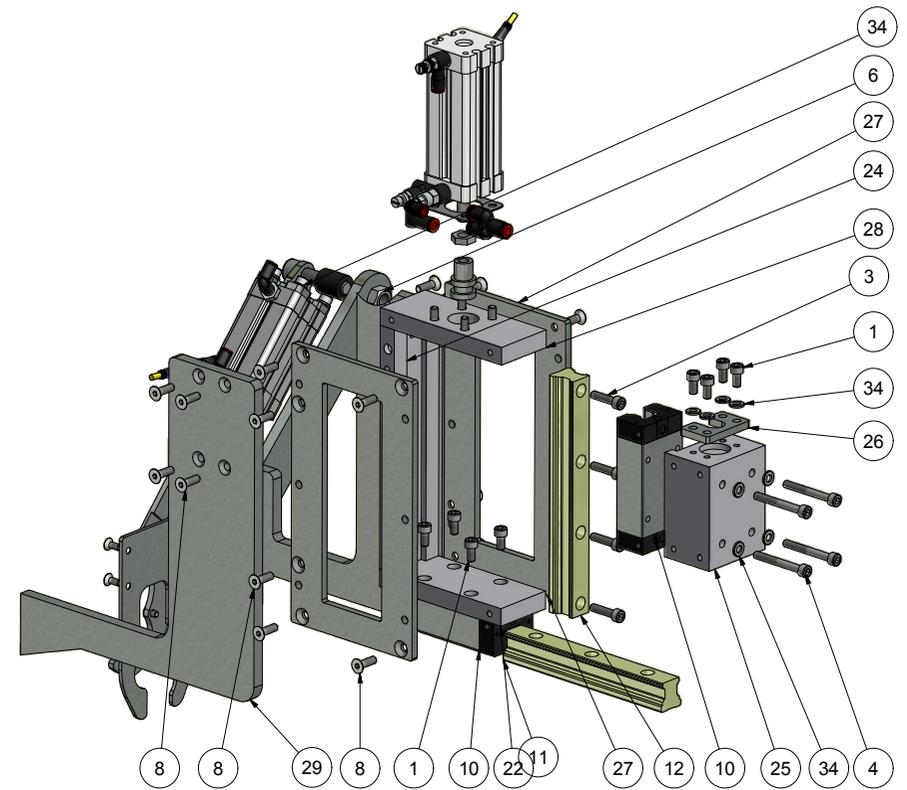
Break all edges

The information on this drawing is the property of HEDENSTED GRUPPEN AS and is not to be copied or disclosed to any third person.		Scale: 1 : 2	Not specified tolerance according to: DS/ISO 2768-m	Sheet size: A3
	HEDENSTED GRUPPEN AS		Surface properties: No	Sheet: 1/1
	Part No.: M101638		Material:	
	Description 1: Leghook system Right XL			
Description 2: Combi Cut 2016 -				

Revision:	Approved	Date:	Revision Description
1	KL	02/11/2015	Made

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
9	4	20406025	Hexagon countersunk head M6x25 FZB	1	8	10206012	Hexagon cylinder head M6x12 FZB
10	2	207986	Ball runner block s.25 long	2	4	10206016	Hexagon cylinder head M6x16 FZB
11	1	207989	Ball guide rail s.25/170mm	3	4	10206025	Hexagon cylinder head M6x25 FZB
12	1	207990	Ball guide rail s.25/200mm	4	4	10206050	Hexagon cylinder head M6x50 FZB
13	1	210305	Cylinder RA/192032/M/50	5	1	10212050	Hexagon cylinder head M12x50 FZB
14	1	210340	Cylinder RA/192032/M/80	6	1	1512000	Nut M12 FZB
15	3	210427	Lock nut M10x1,25 FZB	7	4	20405012	Hexagon countersunk head M5x12 FZB
16	2	214312	Reed inductive sensor (yellow)	8	20	20406020	Hexagon countersunk head M6x20 FZB

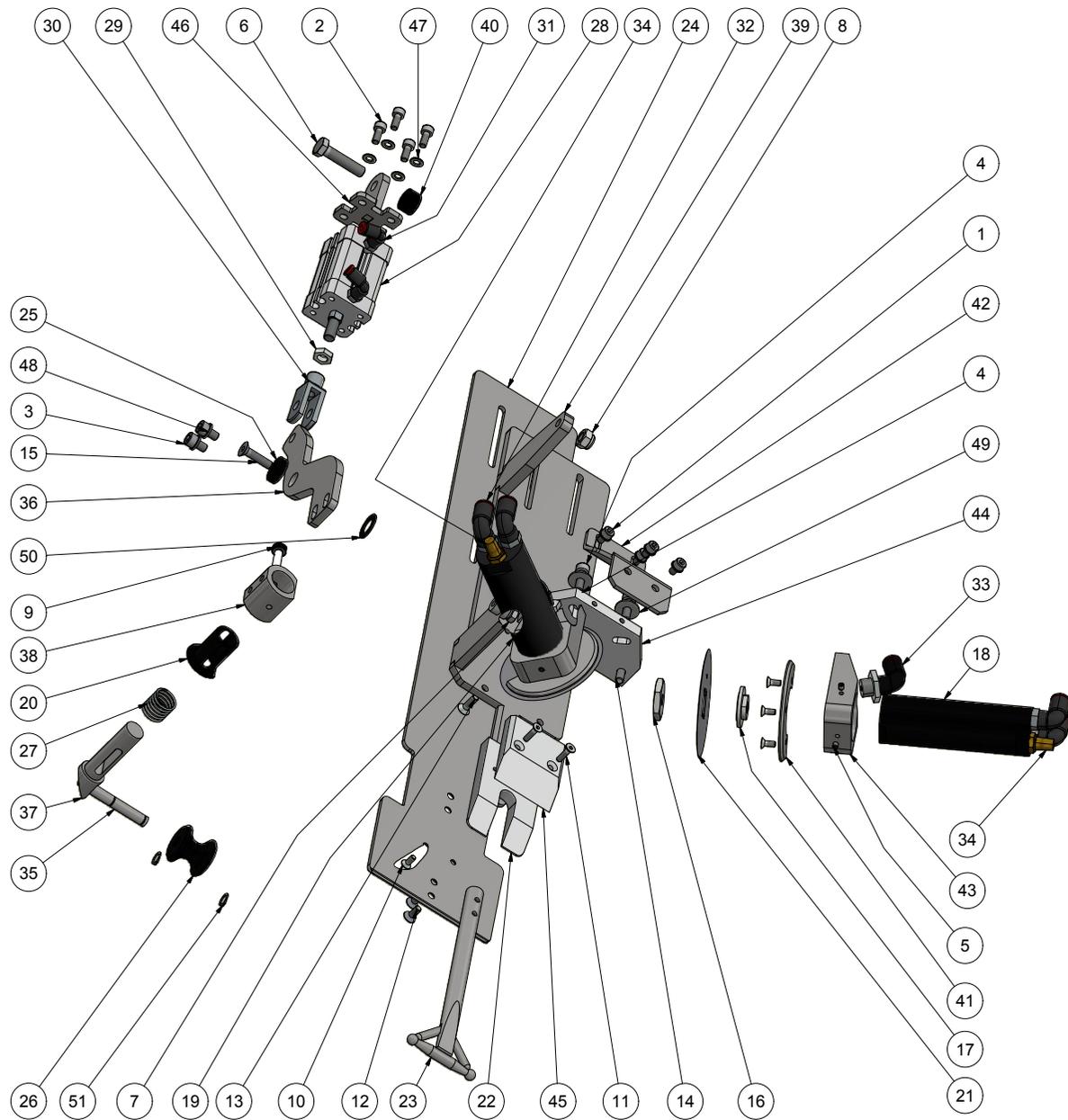
17	2	214314	Cable w. plug M8 3P 3M
18	1	215105	Flow banjo control Ø6 x 1/8"
19	2	215755	Elbow swivel Ø4 x 1/8"
20	1	215860	Y-connector 2xØ6 x Ø6
21	1	216550	Elbow swivel Ø6 x M5
22	1	30500	Connecting piece - tower
23	1	30504	Bush for cylinder
24	1	30505	Plate for vertical rail -tower
25	1	30510	Connecting piece-vertical rail
26	1	30512	Plate for connetion piece
27	2	30525	Bearing plate f. vertical rail
28	1	30535	Top for tower
29	1	30615	Right plate for back spade
30	1	30620	Assembly -plate for back spade
31	1	30625	Spacer for tail hook cyl.
32	1	30641	Assembly bracket f.
33	1	30698	Tail spade system C.Cut
34	12	82106000	Washer M6 FZB
35	1	M102017	Valve no-return, pilot operated, Ø6 x 1/8"t
36	1	M102028	Spacer plate 1,0 mm for cylinder Ø32



Revision:	Approved	Date:	Revision Description
2	KL	28-09-2015	No-return valve added

Break all edges

 HEDENSTED GRUPPEN AS	Scale:	Not specified tolerance according to:	Sheet size:
	1 : 3	DS/ISO 2768-m	A2
Part No.:	Material:	Surface properties:	Sheet:
207951			1 / 2
Description 1: Tailspadesystem 2010			
Description 2:			

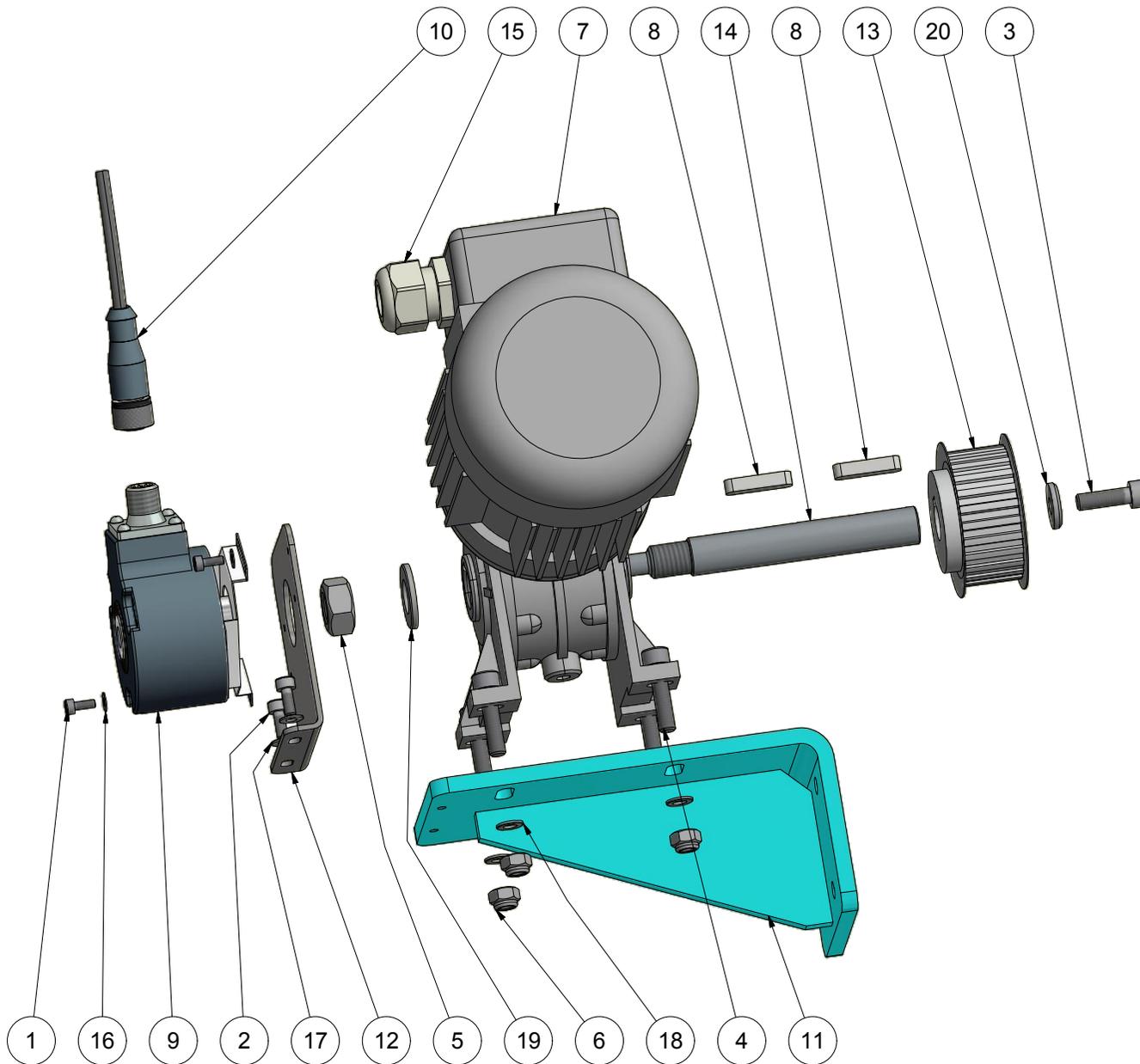


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	10205008	Hexagon cylinder head M5x8 FZB
2	4	10205012	Hexagon cylinder head M5x12 FZB
3	2	10206010	Hexagon cylinder head M6x10 FZB
4	2	10206020	Hexagon cylinder head M6x20 FZB
5	4	10504005	Stop screw M4x5-B
6	1	11408035	Hexagon bolt M8x35 FZB
7	1	1506000	Nut M6 FZB
8	1	17908000	Self-locking nut M8 FZB
9	1	20205025	Fitting bolt M5-6x25
10	8	20404010	Hexagon countersunk head M4x10 FZB
11	2	20404016	Hexagon countersunk head M4x16 FZB
12	4	20405012	Hexagon countersunk head M5x12 FZB
13	2	20405016	Hexagon countersunk head M5x16 FZB
14	2	20406020	Hexagon countersunk head M6x20 FZB
15	1	20406025	Hexagon countersunk head M6x25 FZB
16	2	206070	Lock for knives Ø70/80
17	2	206071	Hub for knives Ø70/80
18	1	206084	Air motor LZB 22A049-55 c.cut
19	1	206091	Air motor LZB Links
20	1	207820	Bushing for tailroll
21	2	207828-Y	Knife f. slicing machine 80 mm
22	1	207832	Wedge for belly loosener 2007
23	1	207834	Belly loosener - long
24	1	207838	Plate for belly loosener 2007
25	1	207855	Bush for tailroll -endpiece
26	1	207860	Tail roll Combi Cut, black
27	1	207931	Compression spring Ø1.8 D16 L20
28	1	210310	Cylinder RA/192025/M/25
29	1	210421	Lock nut M8 FZB
30	1	211100	F-Bracket QM/8020/25
31	2	215750	Elbow swivel Ø4 x M5
32	4	216536	Elbow swivel Ø8 x 1/8"
33	2	216537	Elbow swivel Ø8 x 1/4"
34	2	216796	Filter sintered 1/8"
35	1	30330	shaft for tail roll
36	1	30340	Arm for swing - tailroll
37	1	30345	Shaft for tailroll adjustment
38	1	30425	Consol for tailroll
39	1	30436	Plate assembly - tailroll
40	1	30437	Distance bush f.cyl RM192000
41	2	30511	Screen for 80mm knife
42	1	30515	Coverplate for knives
43	2	30516	Bracket for air motor
44	1	30518	Baseplate for air motor
45	1	30520	Wedge for female
46	1	30647	Mounting bracket for ø25 cyl.
47	8	82105900	Washer M5 FZB
48	2	82106000	Washer M6 FZB
49	2	82606000	Washer Ø6,4x18x1,6 FZB
50	1	88712100	Shim washer Ø12x18x1,0
51	2	89708000	Seeger ring for shaft Ø8

Break all edges

	Scale:	0.40 : 1	Not specified tolerance according to:	DS/ISO 2768-m	Sheet size:	A2
	Surface properties:				Sheet:	1 / 2
Part No.:	30426					
Description 1:	Assembly tailroll system					
Description 2:						

Revision:	Approved:	Date:	Revision Description:
1	HG	27-09-2015	Revision changed to numeric



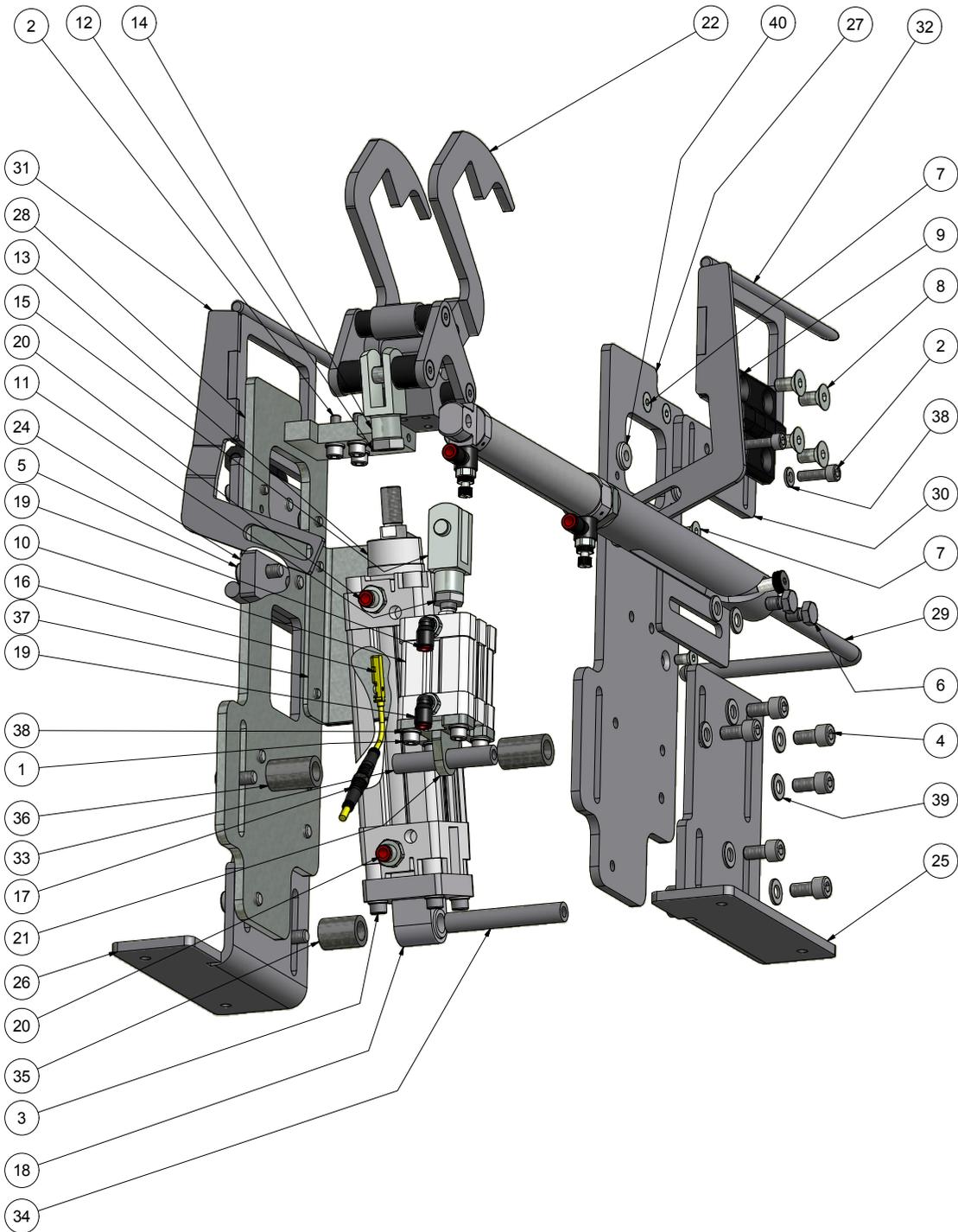
Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	10203008	Hexagon cylinder head M3x08 FZB
2	2	10204010	Hexagon cylinder head M4x10 FZB
3	1	10206020	Hexagon cylinder head M6x20 FZB
4	4	10206025	Hexagon cylinder head M6x25 FZB
5	1	1512000	Nut M12 FZB
6	4	17906000	Self-locking nut M6 FZB
7	1	207903	Gearmotor STM RMI28S 1:10 M6
8	2	207946	Key 5x5x25mm DIN-6885A
9	1	207956	Encoder Ø8 hole 500p
10	1	207957	Cable w. plug M12 8P 5M
11	1	30144	Small engine bracket
12	1	30173	Bracket for encoder
13	1	30600	Pulley AT5 Z32 gear side
14	1	30780	Shaft for crosscut knife
15	1	600455	Cabel gland M20 Ø5-12
16	2	82103000	Washer M3 FZB
17	2	82104000	Washer M4 FZB
18	8	82105900	Washer M5 FZB
19	1	82112000	Washer M12 FZB
20	1	87606000	Washer Ø6,4x17x3 FZB

Break all edges

The dimensions shown in this drawing are for reference only and are not intended to be used for manufacturing. The dimensions shown in this drawing are for reference only and are not intended to be used for manufacturing.		Scale: 1 : 1,7	Not specified tolerance according to: DS/ISO 2768-m	Sheet size: A3
		Surface properties:		Sheet: 1/2
	Part No.: 207959	Material:		
	Description 1: Gear for crossent knife 2010			
Description 2:				

Revision:	Approved	Date:	Revision Description
1	HG	27-09-2015	Revision changed to numeric

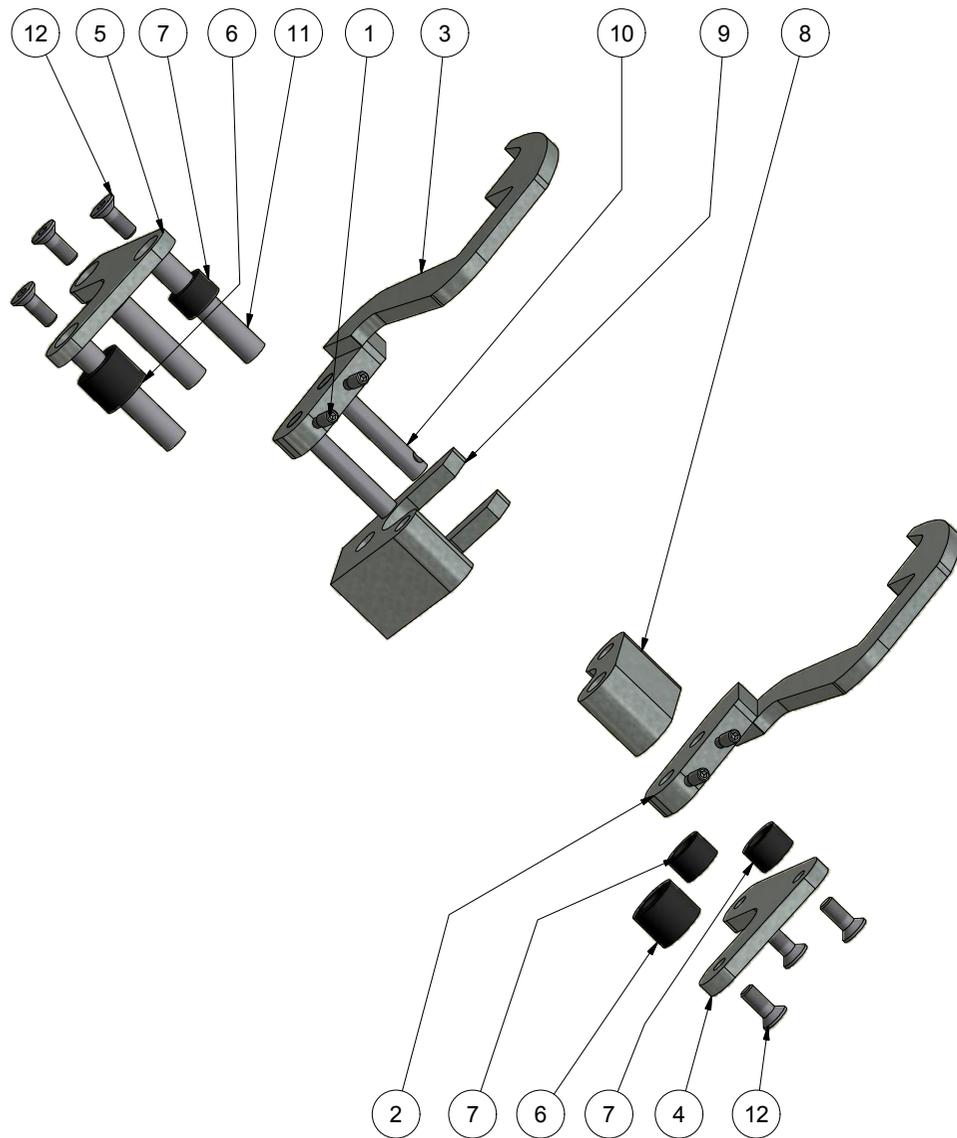


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	10206016	Hexagon cylinder head M6x16 FZB
2	7	10206020	Hexagon cylinder head M6x20 FZB
3	4	10206025	Hexagon cylinder head M6x25 FZB
4	12	10208016	Hexagon cylinder head M8x16 FZB
5	2	10208020	Hexagon cylinder head M8x20 FZB
6	2	11408012	Hexagon bolt M8x12 FZB
7	8	20406012	Hexagon countersunk head M6x12 FZB
8	8	20408016	Hexagon countersunk head M8x16 FZB
9	2	207940	Hinge GN237-60-60
10	1	210330	Cylinder RA/192032/M/20
11	1	210427	Lock nut M10x1,25 FZB
12	1	210428	Lock nut M12x1,25 FZB
13	1	212123	Cylinder PRA/182040/M/80
14	1	214108	F-Joint QM-57040-25
15	1	214115	F-Joint QM-8025-25
16	1	214312	Reed inductiv sensor (yellow)
17	1	214314	Socket with 3M wire 3p/M8
18	1	214905	R-Joint QA-8040-27
19	2	215760	Elbow swivel Ø6 x 1/8"
20	2	215930	Straight connector Ø6 x 1/4"
21	1	30641	Assembly bracket f.
22	1	30667	Ass. unit excentric bodyholder
23	1	30675	Bottom part f bodyhook
24	1	30702	Stop axle complete
25	1	30705	Body holder for outer plate
26	1	30706	Body holder for outer plate
27	1	30710	Body holder for inner plate
28	1	30711	Body holder for inner plate
29	1	30716	Assembly bodyholder
30	2	30740	Lower plate for tigh-support
31	1	30756	Assembly tigh-support right
32	1	30757	Assembly tigh-support left
33	1	30760	Axle for cylinder Ø32
34	1	30761	Axle for cylinder Ø40
35	2	30762	Spacer 19 x 12 x 24,8
36	2	30763	Spacer 19 x 12 x 29,7
37	1	30768	Plate for bodyholder w. rubber
38	15	82106000	Chamfered Washer M6 FZB
39	16	82108000	Chamfered Washer M8 FZB
40	4	87606000	Washer ø6,5x16,5x3 FZB

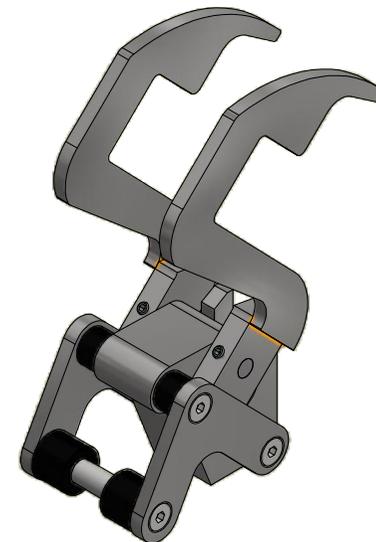
Break all edges

 <small>HEDENSTEDT GRUPPEN A/S</small>	Scale:	1 : 2	Not specified tolerance according to:	DS/ISO 2768-m	Sheet size:	A2
	Surface properties:		Material:		Sheet:	1 / 3
Part No.:		207967				
Description 1:		Assembly complete body holder				
Description 2:						

Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	20905010	Stop screw M5x10-F
2	1	30665	Body holder hook left
3	1	30666	Body holder hook right
4	1	30670	Brace for cylinder
5	1	30671	Brace for cylinder
6	2	30680	Bushing for body hook
7	4	30682	Bushing for body hook
8	1	30685	Eccentric for bodyholdsystem
9	1	30690	Bracket f. bodysholdsystem
10	2	30731	Axel for body holder system
11	3	30732	Axel for body holder system
12	6	53406016	Hexagon countersunk head M6x16 12.9

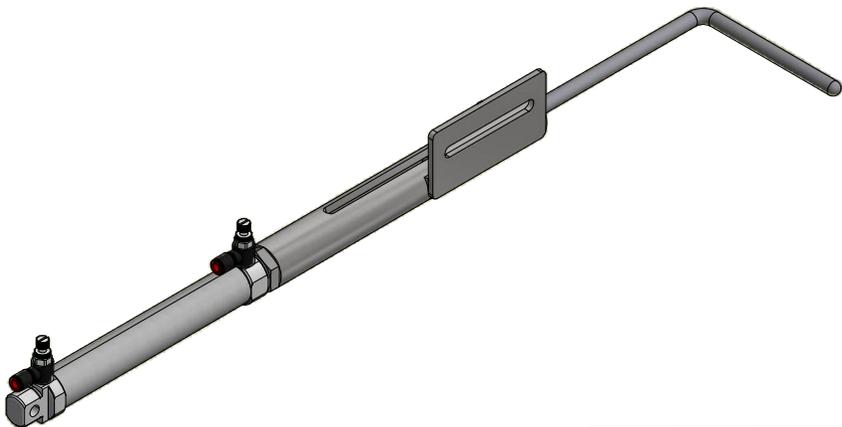
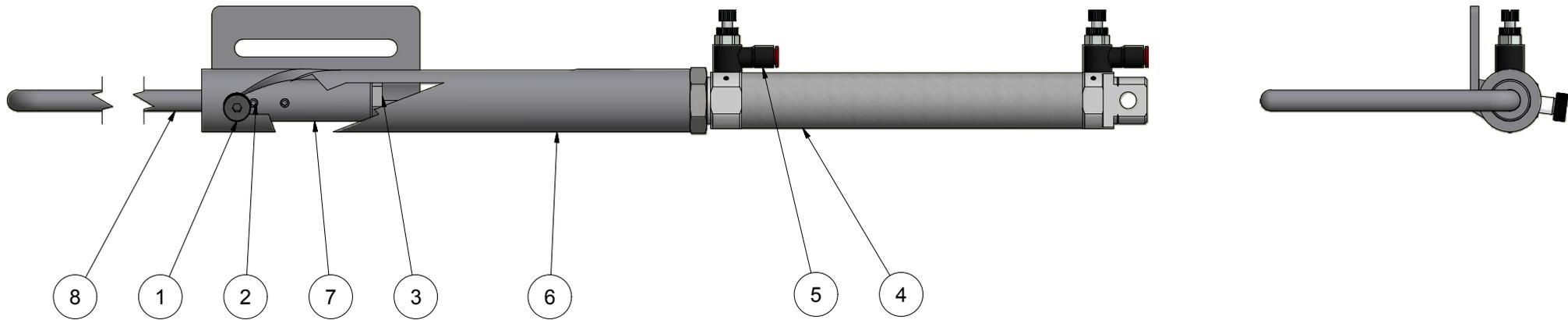


Break all edges

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	Part No.: <b>30667</b>	Surface properties: 			Sheet: <b>1 / 2</b>
	Material:				
	Description 1: <b>Ass. unit excentric bodyholder</b>				
Description 2: <b>(drawing 30667)</b>					

Revision:	Approved	Date:	Revision Description
1	HG	27-09-2015	Revision changed to numeric

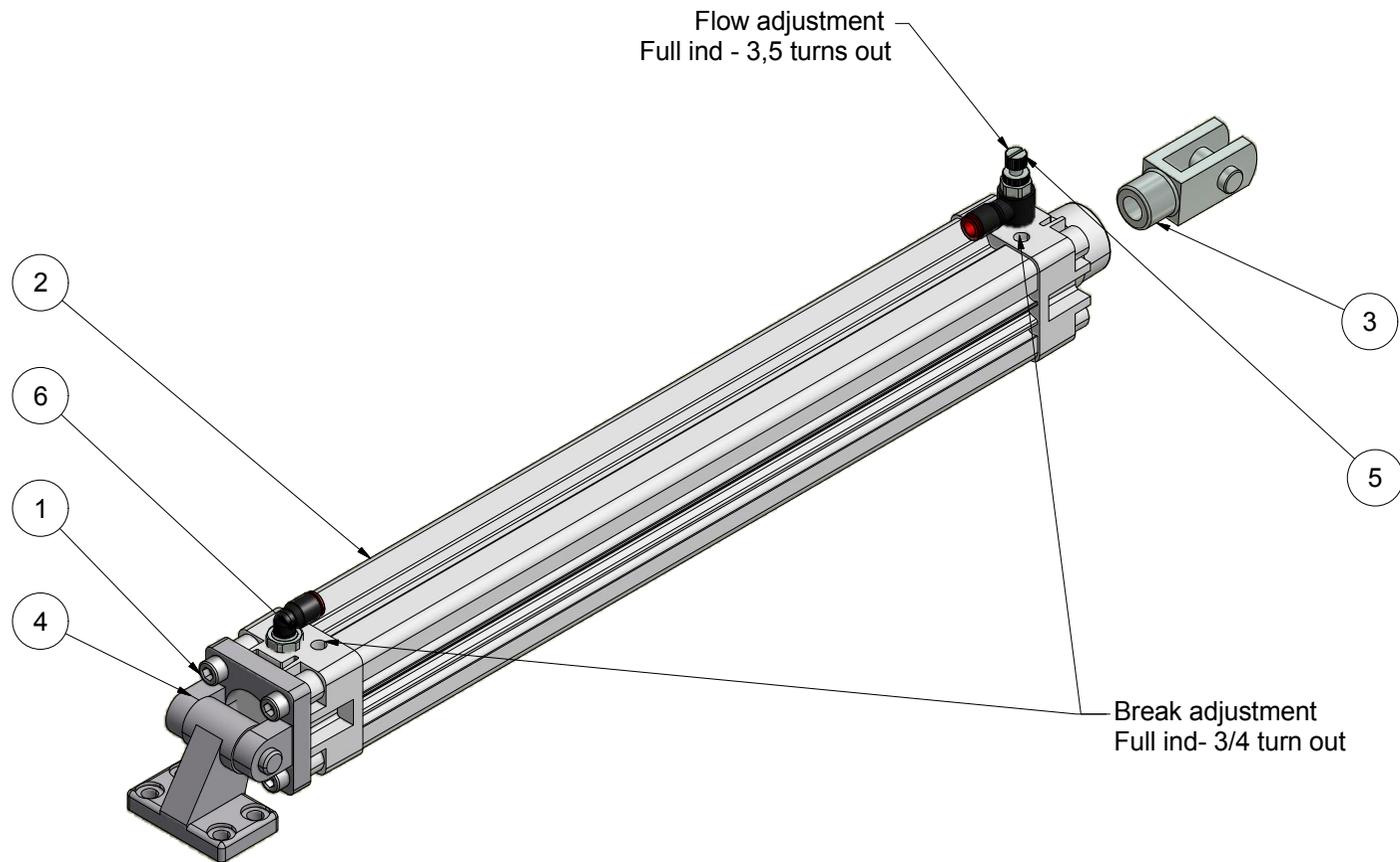
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	20206012	Fitting bolt M6-8x12
2	2	20905005	Stop screw M5x5-F
3	1	210427	Lock nut M10x1,25 FZB
4	1	211005	Cylinder RM/8026/M/125
5	2	215105	Flow banjo control Ø6 x 1/8"
6	1	30715	Col. pipeline for body holder
7	1	30725	Axle f. pipe - bodyholder lock
8	1	30730	Roundsteel for bodylock



Revision:	Approved	Date:	Revision Description
1	HG	27-09-2015	Revision changed to numeric

Break all edges			
	Scale:	Not specified tolerance according to:	Sheet size:
	1 : 2	DS/ISO 2768-m	A3
	Surface properties:		Sheet:
			1 / 2
Part No.:	Material:		
30716	Welded Steel Mild		
Description 1:			
Assembly bodyholder			
Description 2:			
locking system			

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	10206020	Hexagon cylinder head M6x20 FZB
2	1	212110	Cylinder PRA/182032/M/320
3	1	214115	F-Joint QM-8025-25
4	1	214158	L-Joint QA-8032-24
5	1	215655	Flow control banjo Ø6 x 1-8" CYL IN
6	1	215760	Elbow swirvel Ø6 x 1/8"



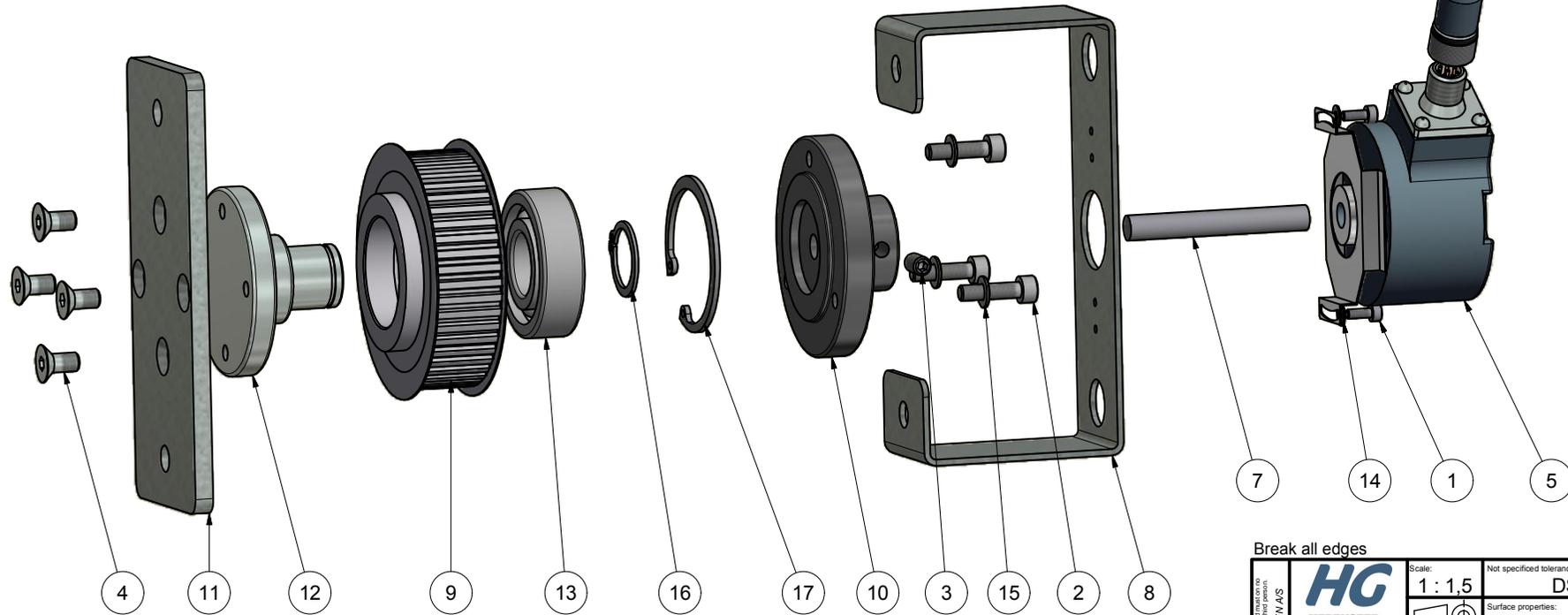
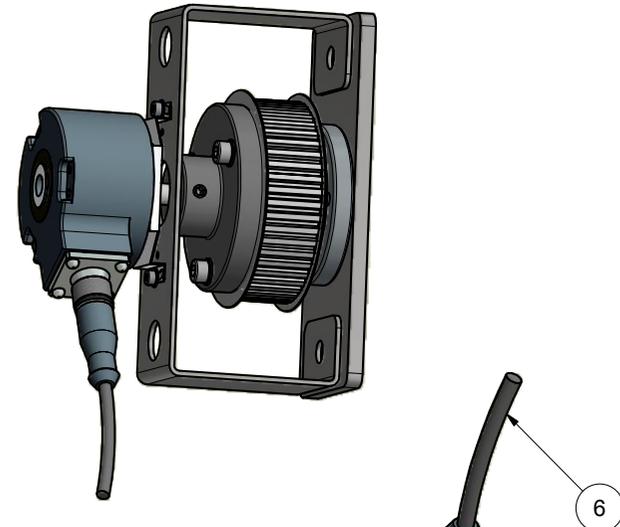
Break all edges

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		Surface properties: No	Sheet: 1 / 1		
	Part No.: 210179	Material:			
	Description 1: Cylinder for paw stretch	Description 2: Combi cut			

Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	10203008	Hexagon cylinder head M3x08 FZB
2	3	10205020	Hexagon cylinder head M5x20 FZB
3	1	10506010	Stop screw M6x10-B
4	4	20406012	Hexagon countersunk head M6x12 FZB
5	1	207956	Encoder Ø8 hole 500p
6	1	207957	Cable w. plug M12 8P 5M
7	1	30171	Shaft for encoder
8	1	30174	Bracket for encoder
9	1	30260	Pulley AT5-Z48
10	1	30261	Hub for encoder
11	1	30269	Mountingplate for AT5 Pulley
12	1	30300	Flange for AT5 pulley
13	1	473038	Bearing Ø20xØ47x14
14	2	82103000	Washer M3 FZB
15	3	82105900	Washer M5 FZB
16	1	89720000	Seeger ring for shaft Ø20
17	1	89847000	Seeger ring for hole Ø47



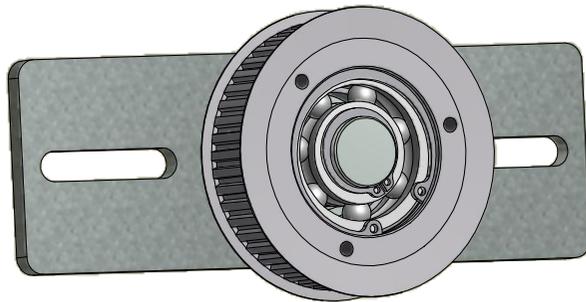
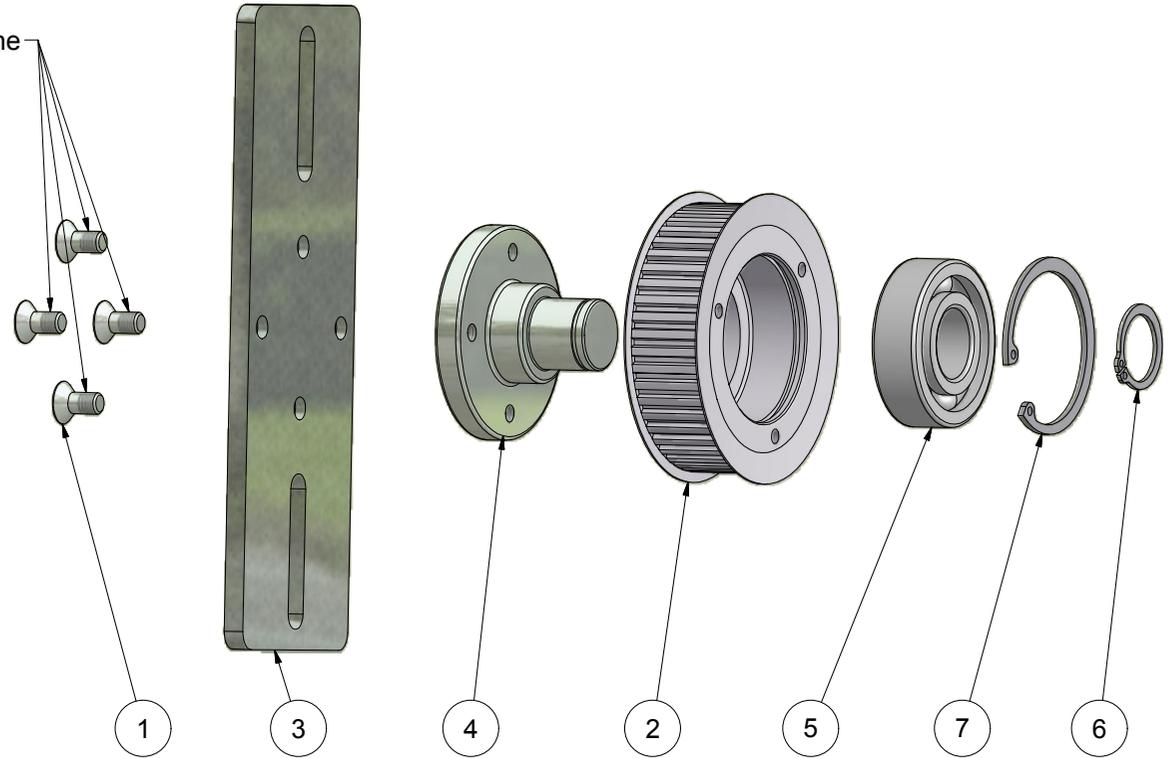
Break all edges

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			1 : 1,5	DS/ISO 2768-m	A3
				Surface properties:	Sheet:
Part No.:		Material:		1 / 2	
30262					
Description 1:					
Assembly AT5 pulley					
Description 2:					
fixed end					

Revision:	Approved	Date:	Revision Description
1	HG	27-09-2015	Revision changed to numeric

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	20406012	Hexagon countersunk head M6x12 FZB
2	1	30260	Pulley AT5-Z48
3	1	30275	Mounting plate for AT5 pulley
4	1	30300	Flange for AT5 pulley
5	1	473038	Bearing 6204 2 RS1
6	1	89720000	Seeger ring for shaft Ø20 din 471
7	1	89847000	Seeger ring for bore Ø47 din 472

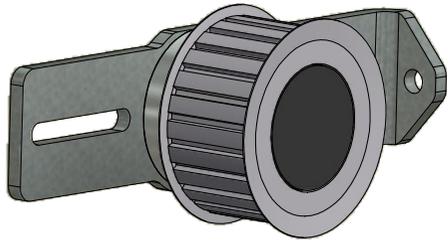
Cleane with MA-4000 Metal cleane  
Lock with loctite 243



Break all edges

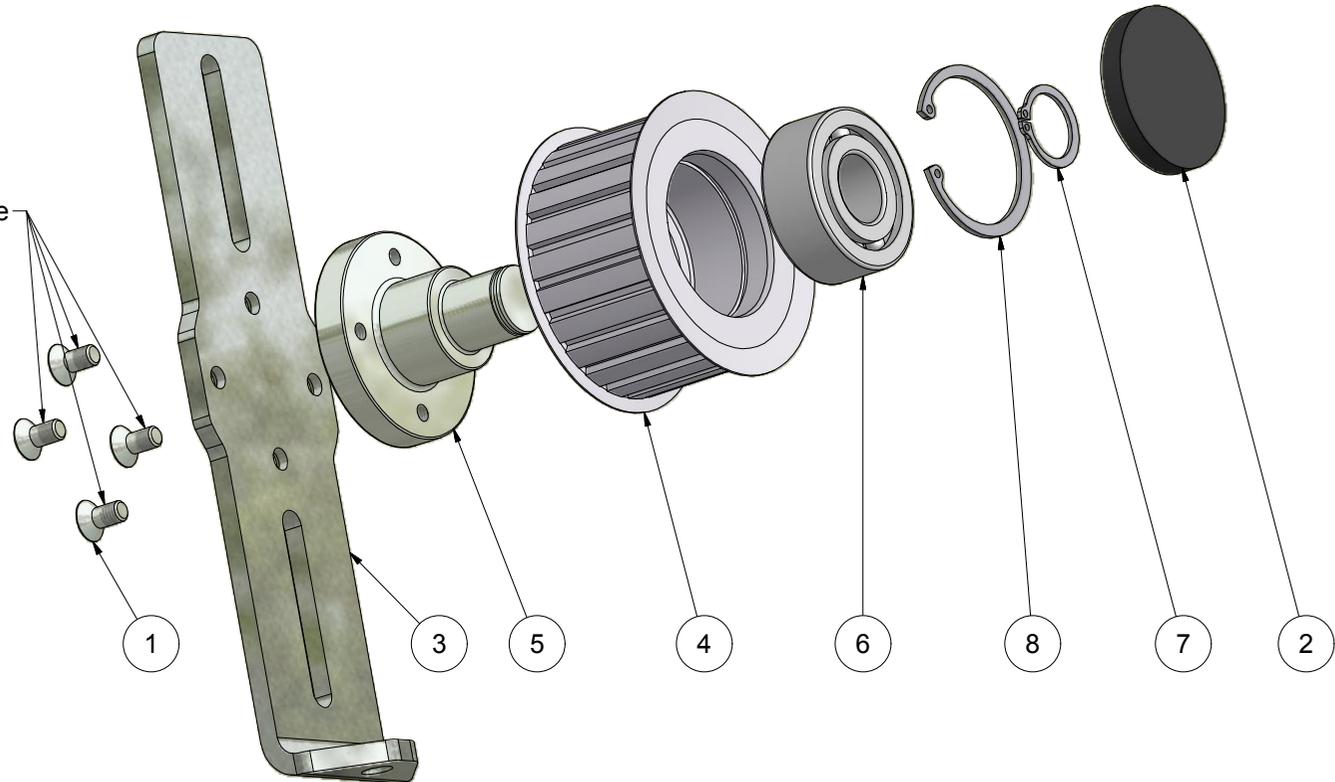
This drawing is the property of HEDENSTED GRUPPEN AS. It is not to be copied, reproduced, or disseminated to any third person.			Scale:	Not specified tolerance according to:	Sheet size:
	Part No.: <b>30263</b>		<b>1 : 1,5</b>	<b>DS/ISO 2768-m</b>	<b>A3</b>
	Description 1: <b>Assembly pulley AT5</b>		Surface properties:		Sheet: <b>1 / 1</b>
Description 2:		Material:			

Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	20406012	Hexagon countersunk head M6x12 FZB
2	1	207938	Cover for bearing 47-7 NBR
3	1	30264	Adjustable plate for vertical
4	1	30273	Pulley 50AT10/24-2
5	1	30305	Flange for AT10 pulley
6	1	473320	Double-row bearing 4204
7	1	89720000	Seeger ring for shaft Ø20 din 471
8	1	89847000	Seeger ring for bore Ø47 din 472

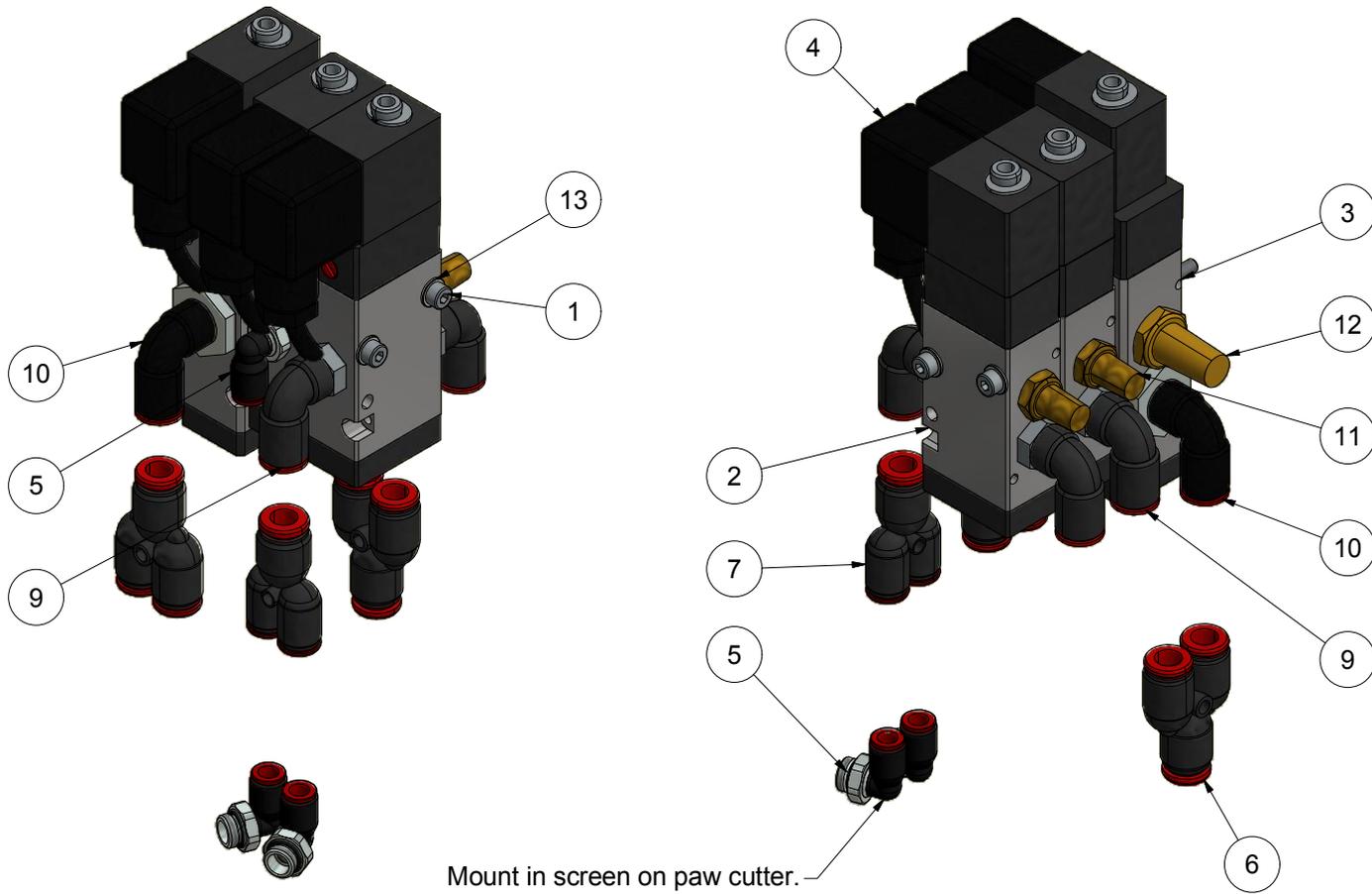
Cleane with MA-4000 Metal cleane  
Lock with loctite 243



Break all edges

	Scale:	Not specified tolerance according to:	Sheet size:
	1 : 1,5	DS/ISO 2768-m	A3
	Surface properties:		Sheet:
Part No.:	Material:		1/1
30270			
Description 1:			
Assembly AT10 pulley			
Description 2:			

Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric



216424 is cut to 4x 150mm  
Connect between fittings

Mount in screen on paw cutter.

### PARTS LIST

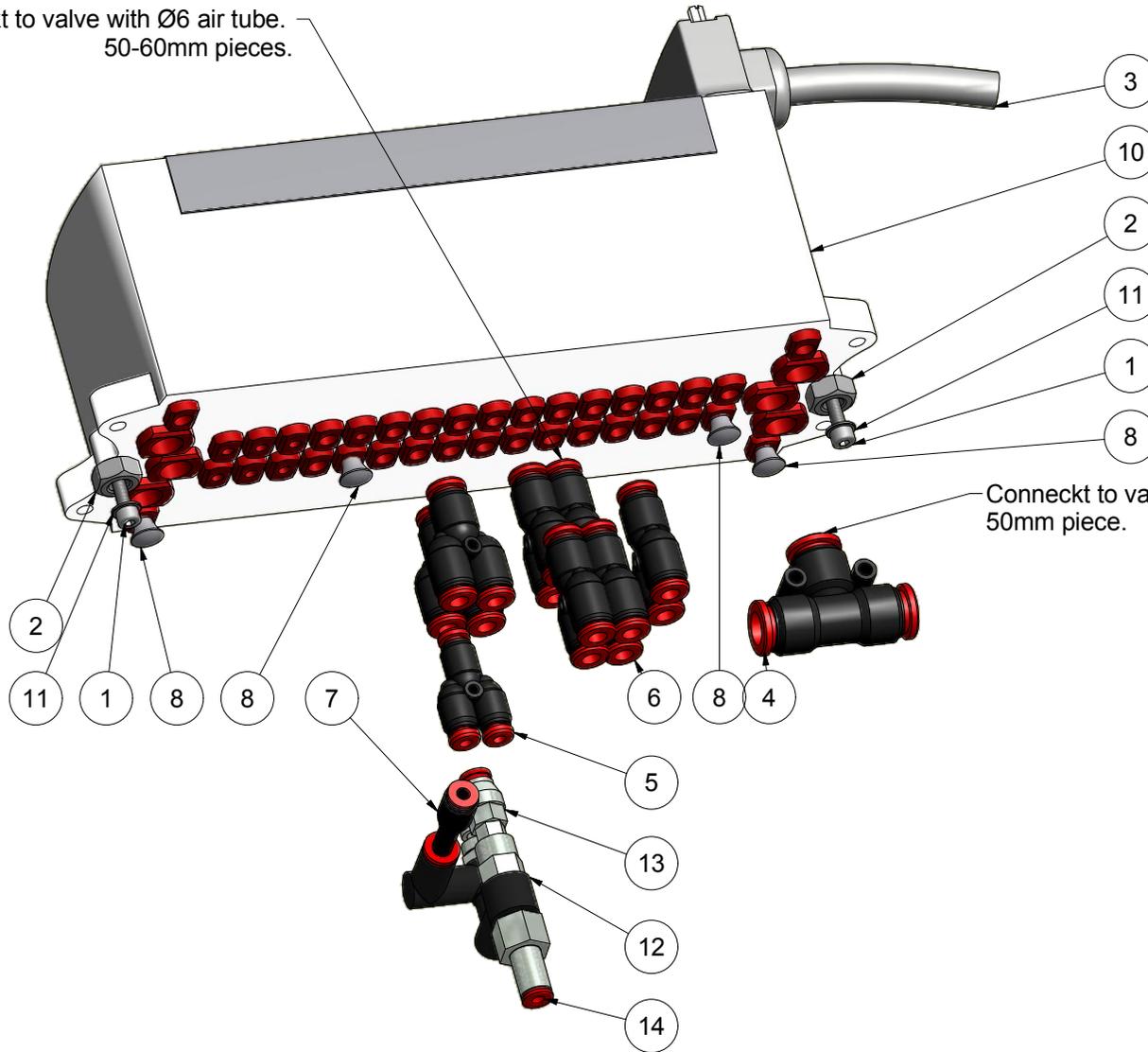
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	11104080	Hexagon cylinder head M4x80 FZB
2	2	215040	Valve 3/2 1/8" 24VDC/Spring
3	1	215047	Valve 3/2 1/4" 24VDC/Spring
4	3	215184	Cable w. elbow plug 22mm 3P 3M 250v
5	3	215760	Elbow swivel Ø6 x 1/8"
6	2	215870	Y-connector 2xØ8 x Ø8
7	1	215875	Y-connector 2xØ6 x Ø8
8	0,6 m	216124	Air hose Ø8mm PUR Blue
9	3	216536	Elbow swivel Ø8 x 1/8"
10	2	216537	Elbow swivel Ø8 x 1/4"
11	2	216796	Filter sintered 1/8"
12	1	216797	Filter sintered 1/4"
13	2	82104000	Washer M4 FZB

Break all edges

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	HEDENSTED GRUPPEN		Surface properties: <b>No</b>	Sheet: <b>1 / 1</b>
	Part No.: <b>210183</b>		Material:	
	Description 1: <b>Valve assembly</b>			
Description 2: <b>valves for combi cut</b>				

Revision:	Approved	Date:	Revision Description
1	HG	27-09-2015	Revision changed to numeric

Connect to valve with Ø6 air tube.  
50-60mm pieces.



Connect to valve with Ø10 air tube.  
50mm piece.

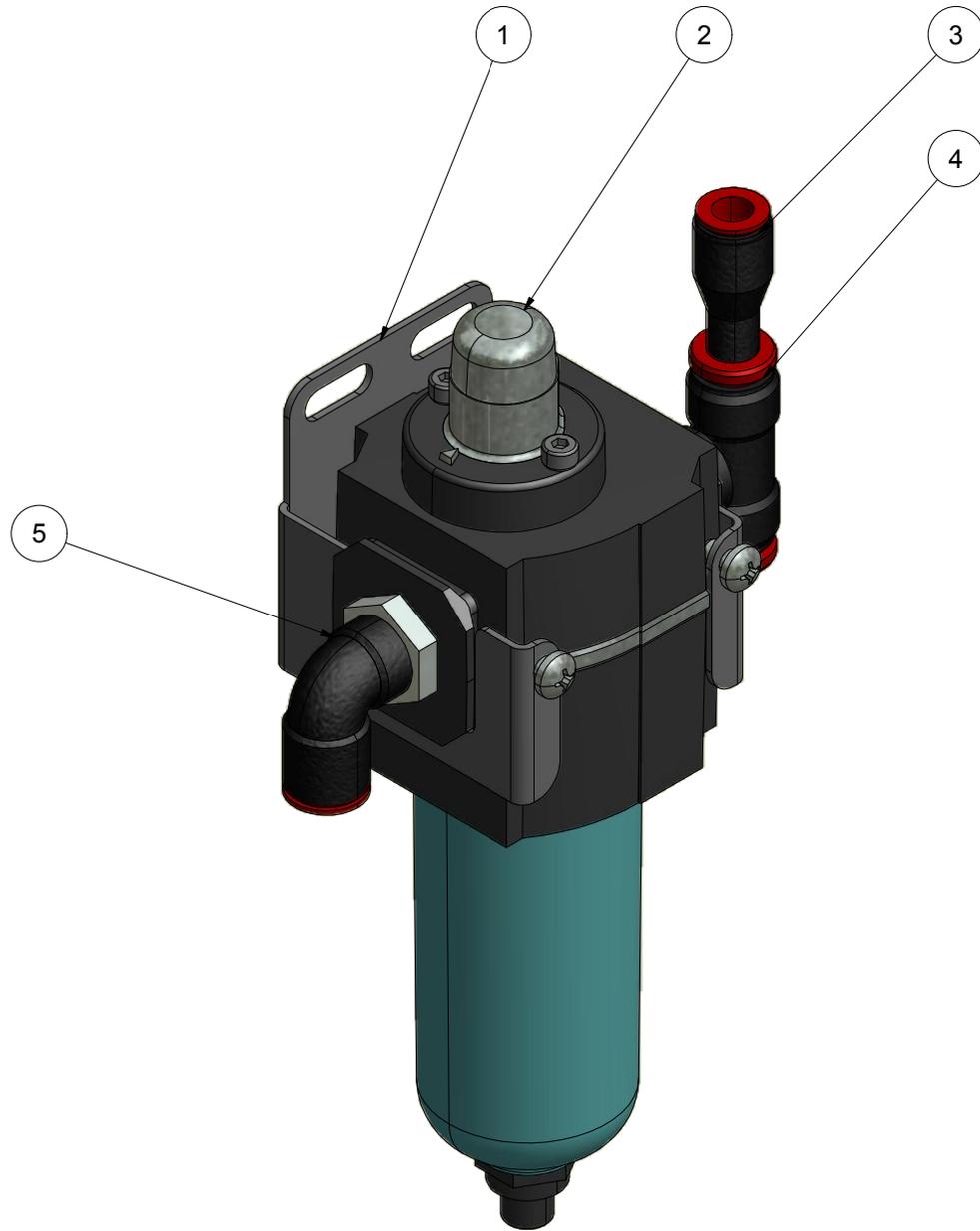
### PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	10204016	Hexagon cylinder head M4x16 FZB
2	2	1508000	Nut M8 FZB
3	1	215172	Cable with plug 3m VM10, Sub44, 90gr
4	1	215855	Tee Ø10 x Ø10 x Ø10
5	1	215857	Y-connector 2xØ4 x Ø4
6	7	215860	Y-connector 2xØ6 x Ø6
7	1	216684	Reduction stem Ø6 pipe x Ø4
8	4	216748	Plug Ø6 mm
9	1	30168	Shield for VM10 valve
10	1	30302	Valve block VM10 24VDC 16-valves
11	2	82104000	Washer M4 FZB
12	1	M102017	Valve no-return, pilot operated, Ø6 x 1/8"t
13	1	M102029	Straight connector Ø4 x M5
14	1	M102030	Straight connector Ø4 x female 1/8"

Break all edges

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		1 : 1,5	DS/ISO 2768-m	A3	
			Surface properties:	No	Sheet:
					1 / 1
	Part No.:	210184			
	Description 1:	Assembly VM10 valve for CC2010			
	Description 2:				

Revision:	Approved	Date:	Revision Description
2	KL	25-04-2016	No-return valve added for cross cut



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	210189	Brace for filter
2	1	210191	Air filter 0,01My
3	1	216682	Reduction stem Ø10 - Ø8
4	1	216386	Tee Ø10 x 3/8" xØ10
5	1	215780	Elbow swirvel Ø10 x 3/8"

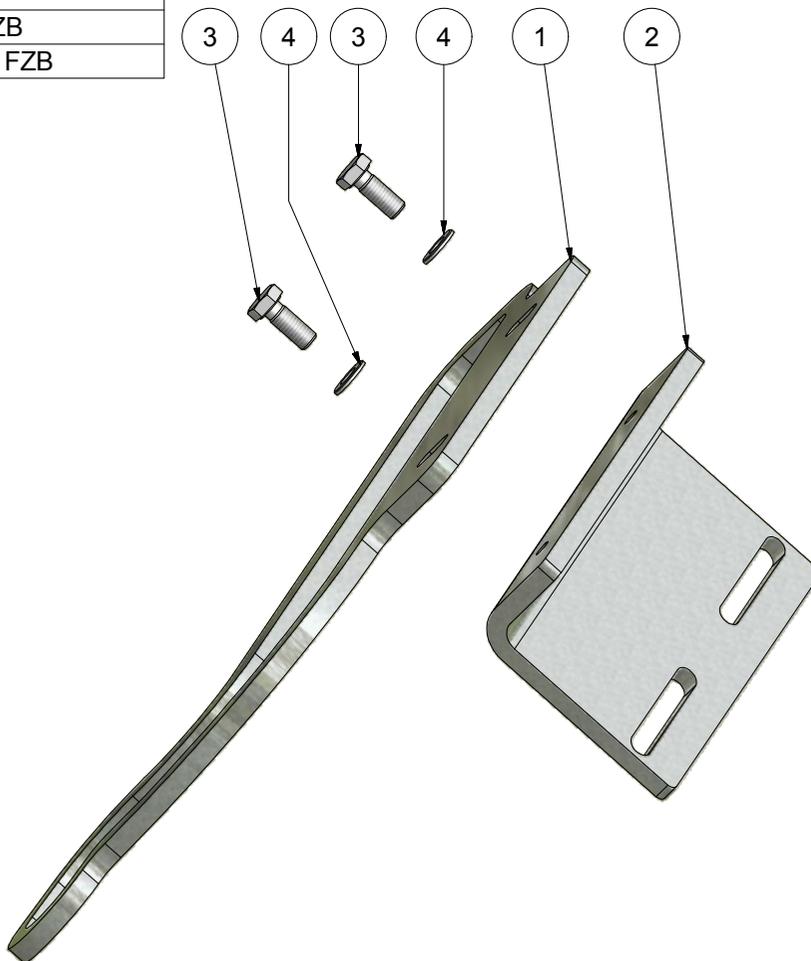
Break all edges

<small>Alle afmetingen zijn in millimeters tenzij anders is vermeld. Het is niet toegestaan te kopiëren of te verspreiden. Het is niet toegestaan te kopiëren of te verspreiden. Het is niet toegestaan te kopiëren of te verspreiden.</small> <b>HEDENSTED GRUPPEN A/S</b>	 <b>HEDENSTED GRUPPEN</b>	Scale: <b>1 : 1</b>	Not specified tolerance according to: <b>DS/ISO 2768-m</b>	Sheet size: <b>A3</b>
	Part No.: <b>210187</b>	Material:	Surface properties: <b>No</b>	Sheet: <b>1 / 1</b>
	Description 1: <b>Filter assembly</b>			
	Description 2: <b>Combi cut</b>			

Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	30385	Guide for pawholder
2	1	30380	Angle bracket for
3	2	11408020	Hexagon bolt M8x20 FZB
4	2	82108000	Chamfered Washer M8 FZB



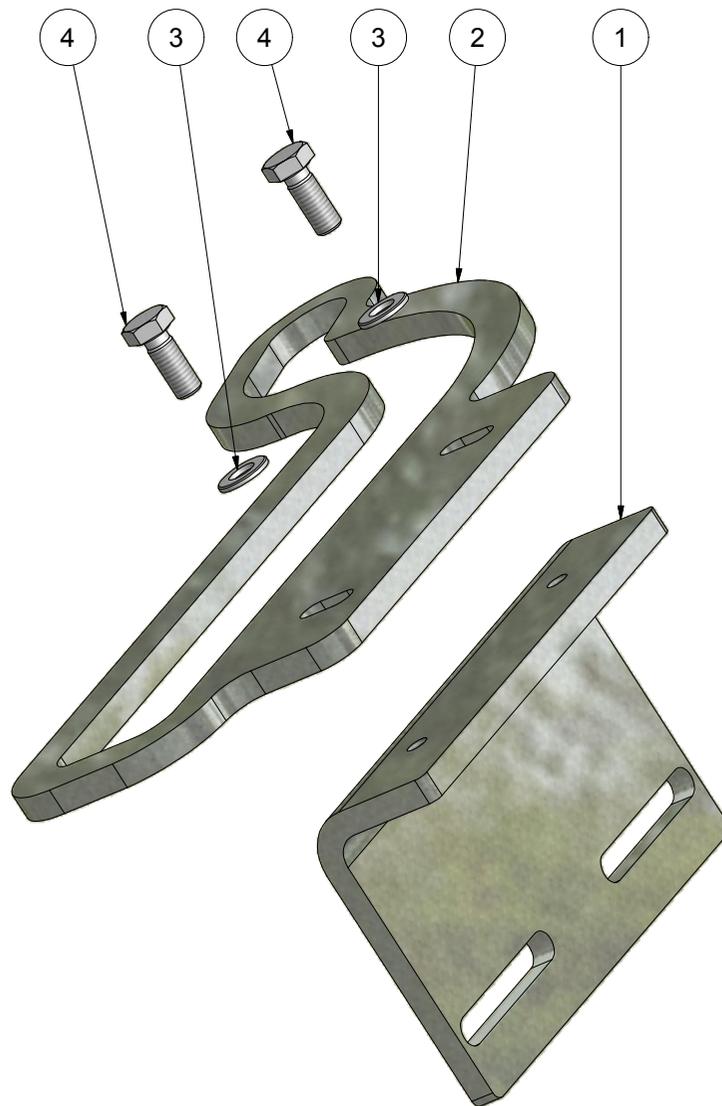
Break all edges

The drawing is only valid for the part and may not be used for other parts without the approval of HEDENSTED GRUPPEN AS.	 <b>HEDENSTED GRUPPEN</b>	Scale: 1 : 2	Not specified tolerance according to: DS/ISO 2768-m	Sheet size: A3
	Part No.: <b>30381</b>	Material:	Surface properties: 	Sheet: 1 / 1
	Description 1: Assembly curve for pawholder			
Description 2: left				

Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric

Parts List

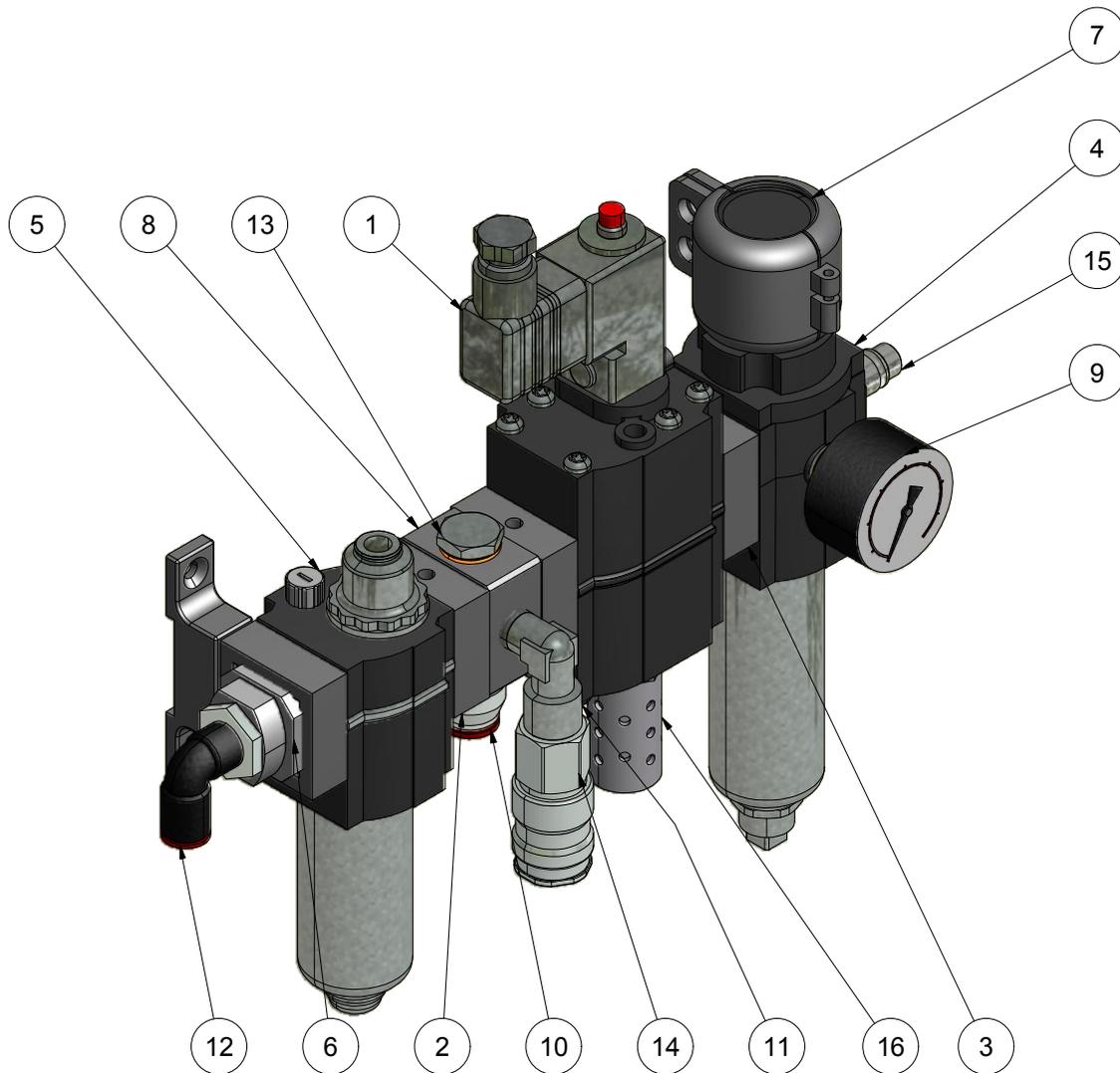
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	30380	Angle bracket for
2	1	30385	Guide for pawholder
3	2	82108000	Chamfered Washer M8 FZB
4	2	11408020	Hexagon bolt M8x20 FZB



Break all edges

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		1 : 1,5	DS/ISO 2768-m	A3
		 Surface properties:		Sheet:
		Material:		1 / 1
Part No.:		30382		
Description 1:				
Assembly curve for pawholder				
Description 2:				
right				

Revision:	Approved	Date:	Revision Description
1	HG	28-09-2015	Revision changed to numeric



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	197322	Valve Soft starter 1/4" 24VDC
2	2	210175	Quick clamp 72 series
3	2	210176	Wall bracket with clamp 72 series
4	1	210178	Regulator with filter 1/4" 0,3-10 bar (AutoDrain)
5	1	210185	Sight feed lubricator 1/4"
6	1	210195	Connection block 1/4" for B72 serie
7	1	210196	Cover for regulator
8	1	210198	Connection block for B72 serie
9	1	215550	Gauge 0-10 bar 1/8" Ø40
10	1	215940	Straight connector Ø10 x 1/4"
11	1	216358	Elbow 1/4"t x 1/4" (M/F)
12	1	216537	Elbow swivel Ø8 x 1/4"
13	1	216739	Plug flange 1/4" w. gasket
14	1	217020	Quick release coupling Socket 1/4" male
15	1	217051	Quick release coupling Plug 1/4" male
16	1	M102031	Filter silencer 1/4"

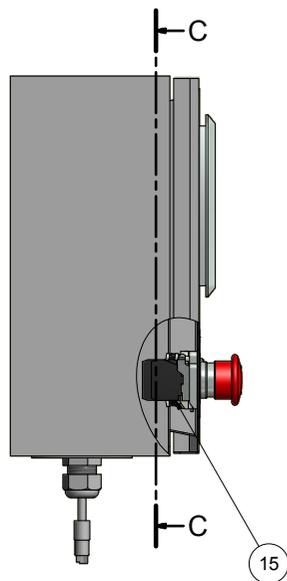
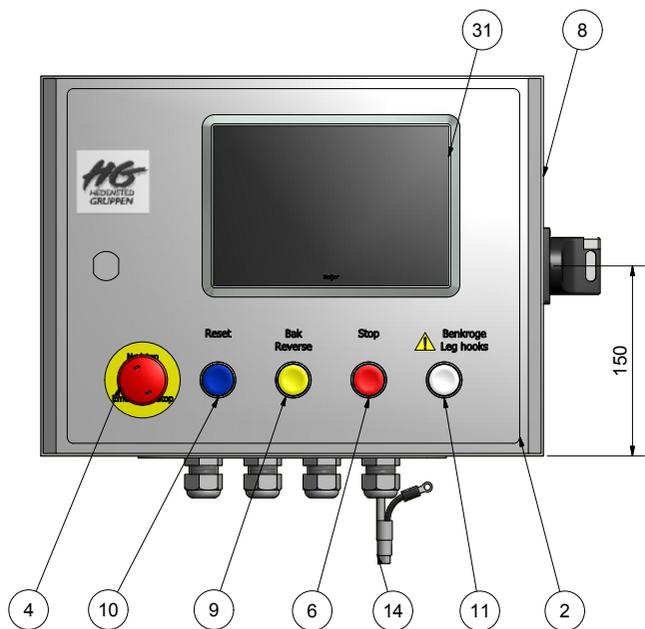
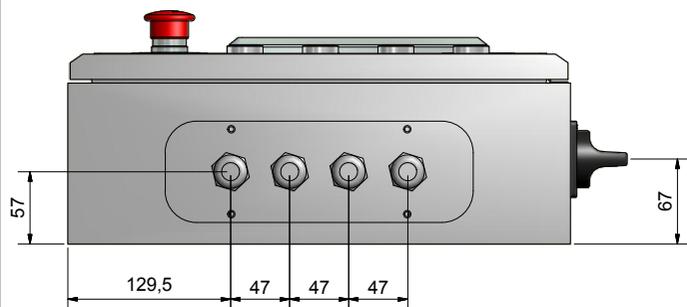
Break all edges

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	HEDENSTED GRUPPEN		Surface properties: <b>No</b>	Sheet: <b>1 / 1</b>
	Part No.: <b>M102016</b>	Material:		
	Description 1: <b>Air connection unit CC &amp; QC 2016</b>			
Description 2: <b>Filter, oiler, softstart and reduc. manom</b>				

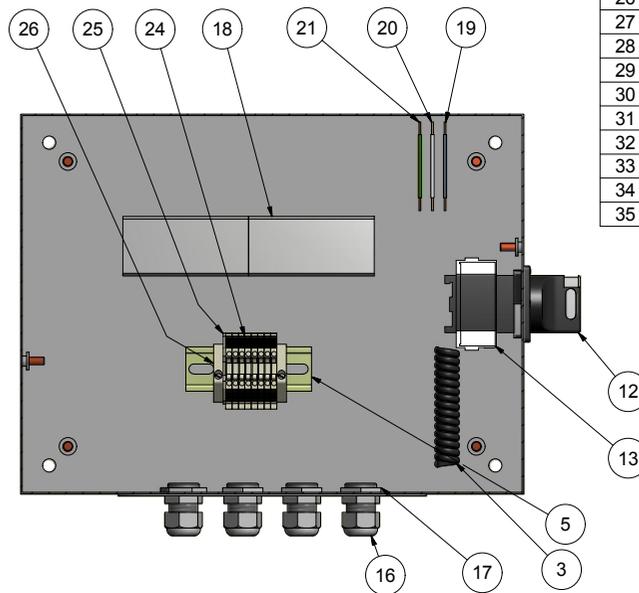
Revision:	Approved	Date:	Revision Description
2	KL	13-04-2016	Made

Mounting:

- 1) Remove the lock from the lid.
- 2) Mount the label. Hole for lock in label and lid must be in line.
- 3) Mount the lock again.
- 4) Make the holes in the lid according to the markings on the label, and other holes according to drawing.
- 5) Mount the components.



C-C ( 1 : 3 )

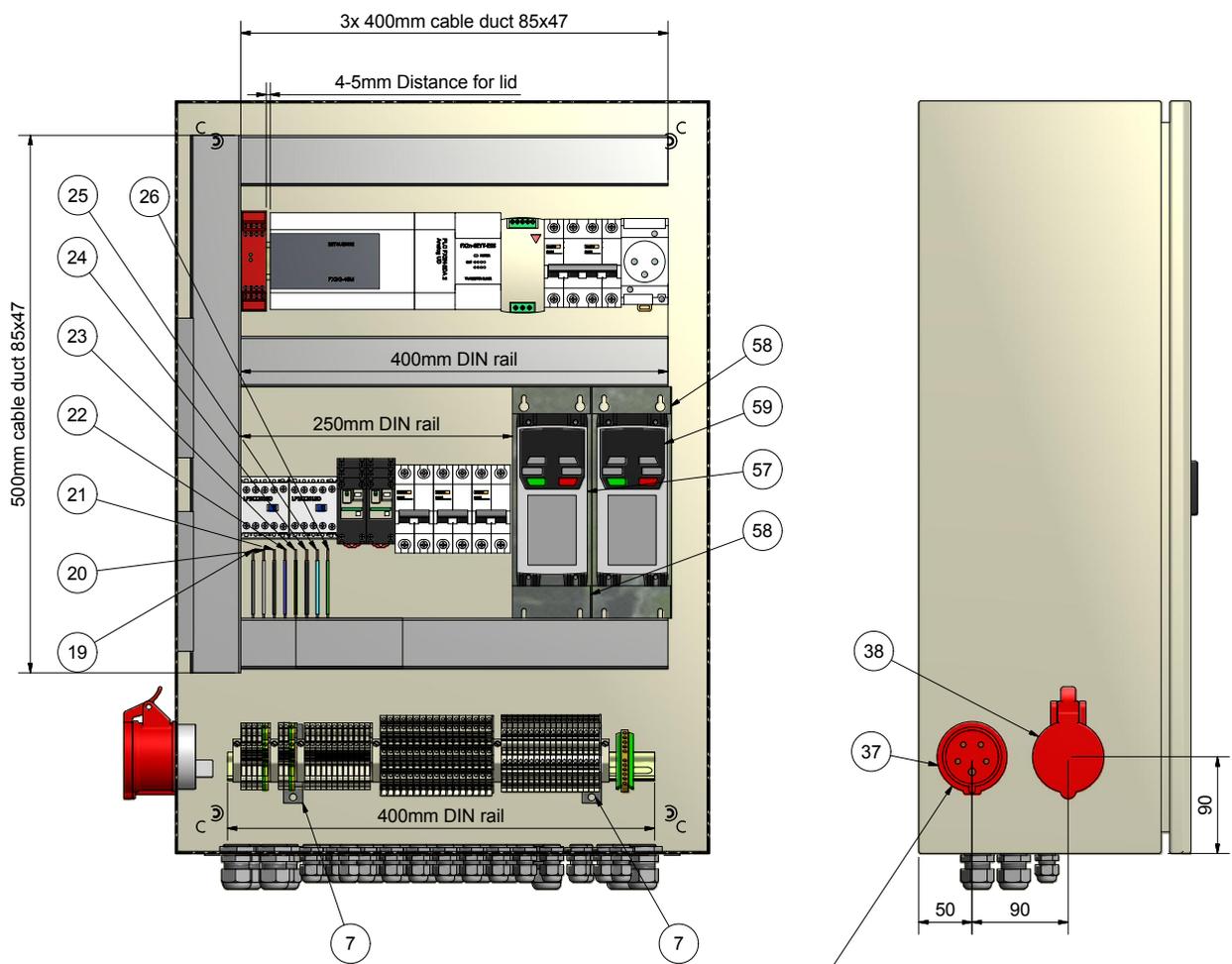


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	30119	Electric mount CC 2010
2	1	30834	Labels for Combi 2010
3	0,3 m	475910	Flex hose 15mm SPS 15
4	1	600100	Emergencystop button ZB4BS844
5	0,1 m	600155	Din rail with Holes
6	1	600164	Push-button red ZB4BA4
7	1	600176	Switch component ZB4BZ101 1NO
8	1	600302	Box metal 300x400x150
9	1	600335	Push-button XB4BA51 Yello
10	1	600340	Push-button XB4BA61 Blue
11	1	600355	Light XB4BVB1 24VAC/DC white
12	1	600358	Safety switch 20A Kpl Black
13	1	600359	Zero-conctact for 20A switch
14	1	600367	Cabel for T7A Panel, CAB103/3m
15	1	600375	Contact block ZB4BZ104 2NC
16	4	600465	Cable gland M25
17	4	600480	Nut M25 polyamid
18	0,2 m	600485	Cable duct 85x47
19	6,0 m	600490	Cord HO5V2K 1x0,75 d. blue PVT
20	2,0 m	600495	Cord HO5V2K 1x0,75 White PVT
21	1,0 m	600510	Cord HO7V2K 1x1,5 G/G PVT
22	28	600530	Pin/Iso H0,75/14 902123 P500
23	1	600540	Pin/Iso H1,50/14D P500
24	8	600550	Terminal block WDU_2,5
25	1	600555	End plate WAP 2,5-10
26	2	600590	End bracket EW 35
27	6	600632	Cable shoe 1,5-2,5 Ø6
28	40	600685	Panduit Label for Laser
29	1	600812	Label sheet 5-0 47339 blue
30	1	600814	Label sheet 0-5 47339 red
31	1	600922	Touch 7" operator panel iX T7A
32	1	600940	Label sheet 5-FWZ 52306 1-10A
33	1	600947	Label sheet 52306 MRK21-30A
34	1	600990	Label sheet 5MM X
35	1	600992	Label sheet 5MM Y

Break all edges			
	Scale:	Not specified tolerance according to:	Sheet size:
	1 : 3	DS/ISO 2768-m	A2
	Surface properties:	No	Sheet:
			1 / 2
Part No:	600303		
Description 1:	Cabinet assembly 300x400x150		
Description 2:	Combi cut		

Revision:	Approved:	Date:	Revision Description:
1	HG	28-09-2015	Revision changed to numeric

PARTS LIST		ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	206731			Safety controller 24VAC/DC Cat3
2	1	30109			Electricity instalation CC2010
3	17	600112			Terminal block DLD 2.5/35
4	1	600125			End plate AP-DLD nr 131766
5	4	600130			Cross connector Q10 no131310
6	1,1 m	600155			Din rail with Holes
7	2	600156			Bracket 45° for DIN rail
8	2	600288			Contacteur LP1K1201BD 24VDC
9	1	600305			Box metal 700x500x250
10	1	600313			PLC Mitsubishi, FX3G-40MR/ES
11	1	600314			PLC ext. module, 8 tr. output, FX2N-8EYT-ESS/UL
12	1	600408			PLC ext. module, 2 analog out, FX2N-2DA
13	1	600420			Socket for DIN rail 3P/16A/240V
14	23	600460			Cable gland M16 Ø2,5-8
15	7	600465			Cable gland M25 Ø7-14
16	23	600470			Cable gland nut polyamid M16
17	7	600480			Cable gland nut polyamid M25
18	1,7 m	600485			Cable duct H85xW47 grey
19	50,0 m	600490			Wire H05V2-K 1x0,75mm <sup>2</sup> Dark Blue
20	12,0 m	600495			Wire H05V2-K 1x0,75mm <sup>2</sup> White
21	8,0 m	600500			Wire H07V2-K 1x1,5mm <sup>2</sup> Black
22	5,0 m	600502			Wire H07V2-K 1x1,5mm <sup>2</sup> Blue
23	7,0 m	600510			Wire H07V2-K 1x1,5mm <sup>2</sup> Yellow/Green
24	13,0 m	600515			Wire H07V2-K 1x2,5mm <sup>2</sup> Black
25	2,0 m	600520			Wire H07V2-K 1x2,5mm <sup>2</sup> Light Blue
26	3,0 m	600525			Wire H07V2-K 1x2,5mm <sup>2</sup> Yellow/Green
27	500	600530			Pin 0,75mm <sup>2</sup> white isolation (on strip)
28	40	600540			Pin 1,5mm <sup>2</sup> Red isolation (on strip)
29	15	600545			Pin 2,5mm <sup>2</sup> Blue isolation (on strip)
30	18	600550			Terminal block WDU_2,5
31	3	600555			End plate WAP 2,5-10
32	18	600560			Terminal block WDK 2,5
33	1	600565			End plate WAP DK 2,5
34	2	600580			Cross connector WQV 2,5/10 10P
35	2	600585			Terminal block WPE 2,5
36	6	600590			End bracket EW 35
37	1	600615			CEE Wall intake 5P/16A/400V.
38	1	600620			CEE Wall outlet 5P/16A/400V
39	6	600632			Cable shoe 1,5-2,5mm <sup>2</sup> x Ø6 Blue isolation
40	1	600665			Terminal block PE KM11E
41	204	600685			Label Panduit for Laser
42	4	600812			Label sheet 5-0 47339 blue
43	2	600814			Label sheet 0-5 47339 red
44	2	600930			Socket for RXM2, RXZE2S108M
45	2	600935			Relay 12A 2C/0 w. led RMX2
46	2	600940			Label sheet 5-FWZ 52306 1-10A
47	2	600945			Label sheet 11-20 5-FWZ 52306
48	2	600947			Label sheet 52306 MRK21-30A
49	1	600982			Label sheet 5- L1L2L3+N+PE
50	3	600990			Label sheet 5MM X
51	2	600992			Label sheet 5MM Y
52	1	600993			Label sheet 5MM U1 V1 W1
53	2	601035			Automatic fuse 16A C 1P+N
54	1	601040			Automatic fuse 6A C 1P+N
55	1	601100			Automatic fuse 16A C 3P+N
56	1	601275			Power supply 1P 24V 2,5A
57	1	M101746			Freq. inverter 0,37kW 1x230V Emerson
58	2	M101747			Low Leak filter for M200-01
59	1	M102014			Freq. inverter 0,75kW 1x230V Emerson
60	2	M102015			Breake resistance for M200-012 00042A

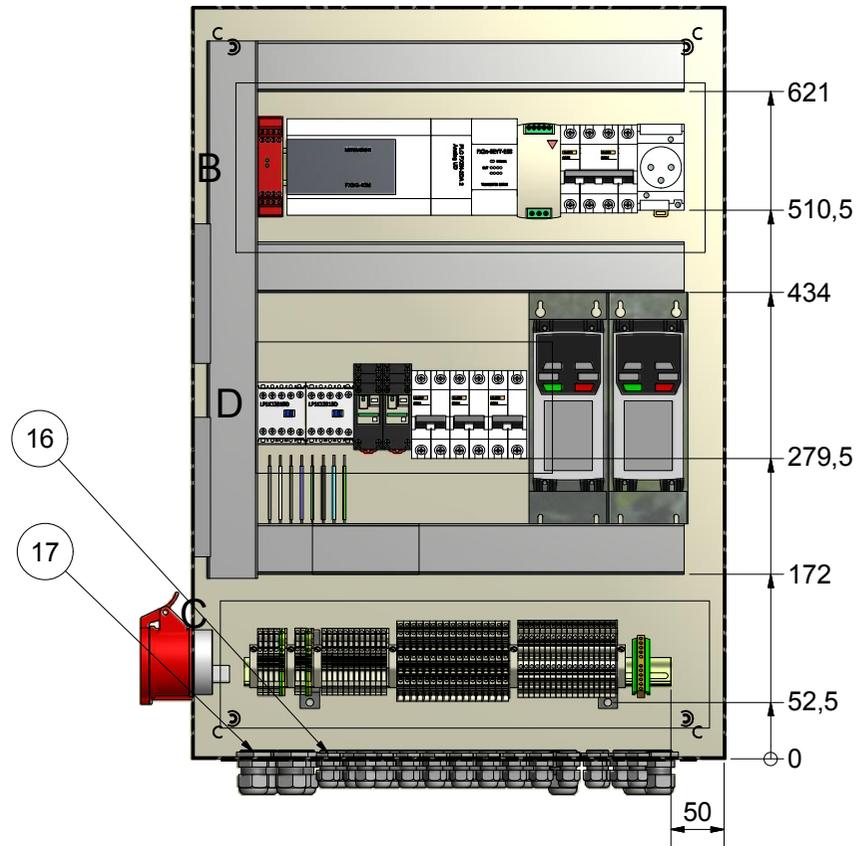


Deliver wall intake loss in box.  
Is mounted when cables are connected.

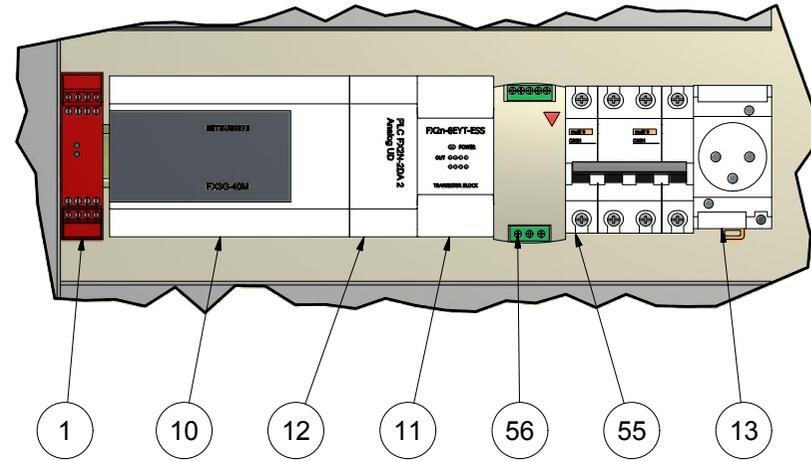
Revision	Approved	Date	Revision Description
2	KL	13-04-2016	Inverter changed to M200 + Softstarter added

Break all edges

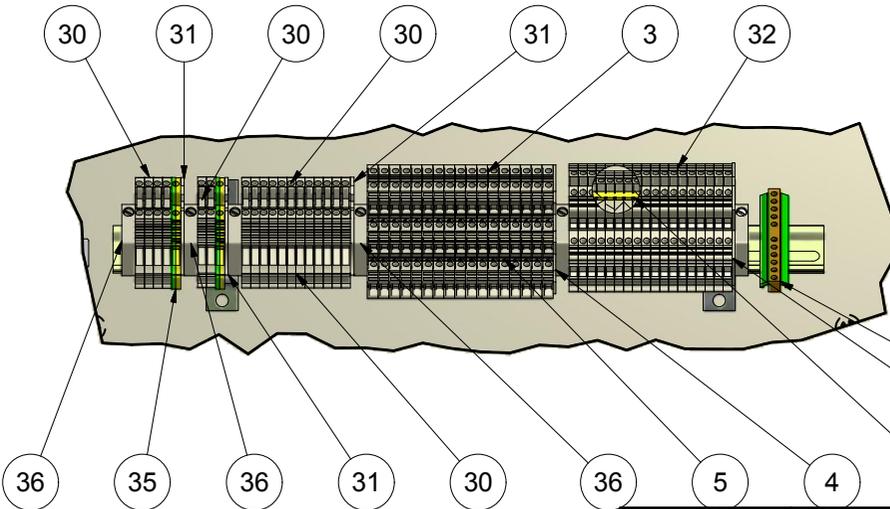
 HEIDENSTEDT GRUPPEN A/S	Scale: 1:3,5	Not specified tolerance according to: DS/ISO 2768-m	Sheet size: A2
	 Surface properties: No	Material: 600932	Sheet: 1 / 3
Description 1: Cabinet assembly Description 2: Combi cut			



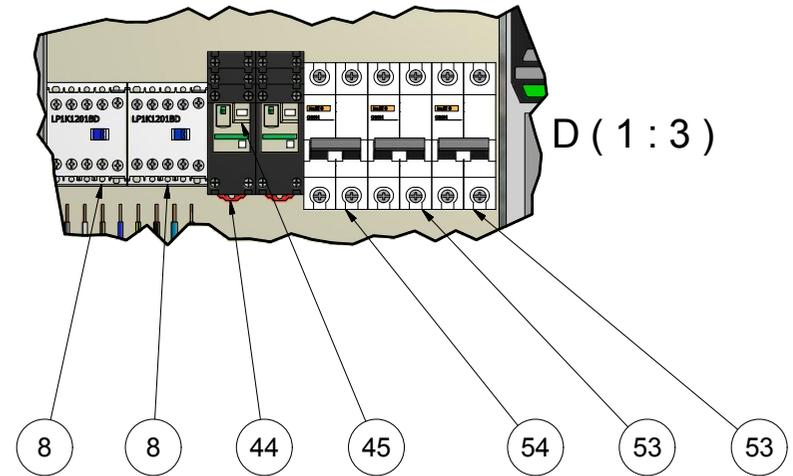
B (1:3)



C (1:3)



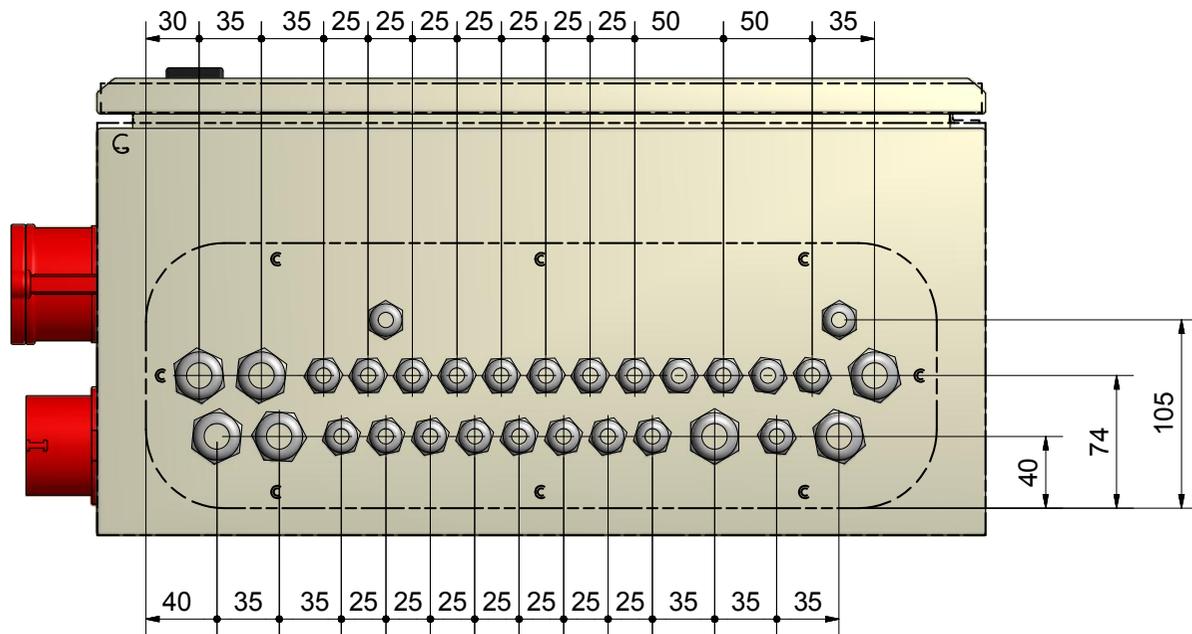
D (1:3)



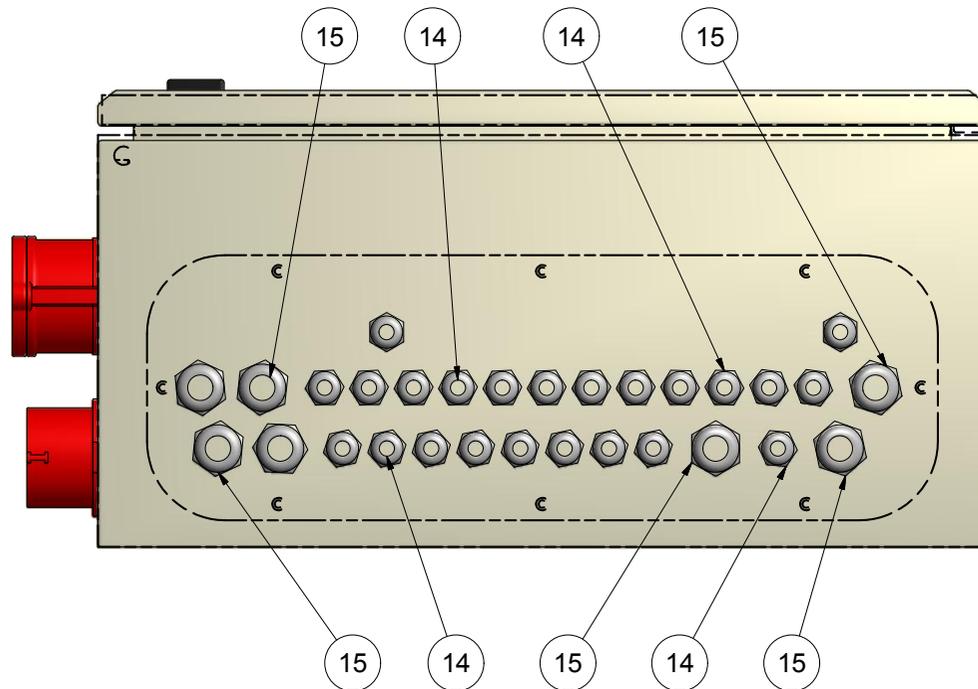
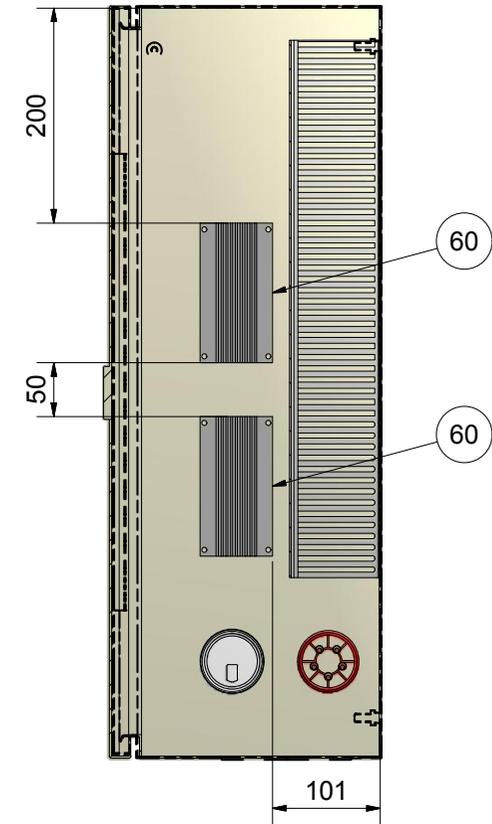
Break all edges

The information on this drawing is confidential. It is not to be disclosed to any third party. HEDENSTED GRUPPEN A/S		Scale: 1:3,5	Not specified tolerance according to: DS/ISO 2768-m	Sheet size: A3
	HEDENSTED GRUPPEN Part No.: 600932		Surface properties: No	Sheet: 2/3
	Material:			
	Description 1: Cabinet assembly			
Description 2: Combi cut				

Revision:	Approved	Date:	Revision Description
2	KL	13-04-2016	Inverter changed to M200 + Softstarter added



Break resistance mount  
( 1:5 )

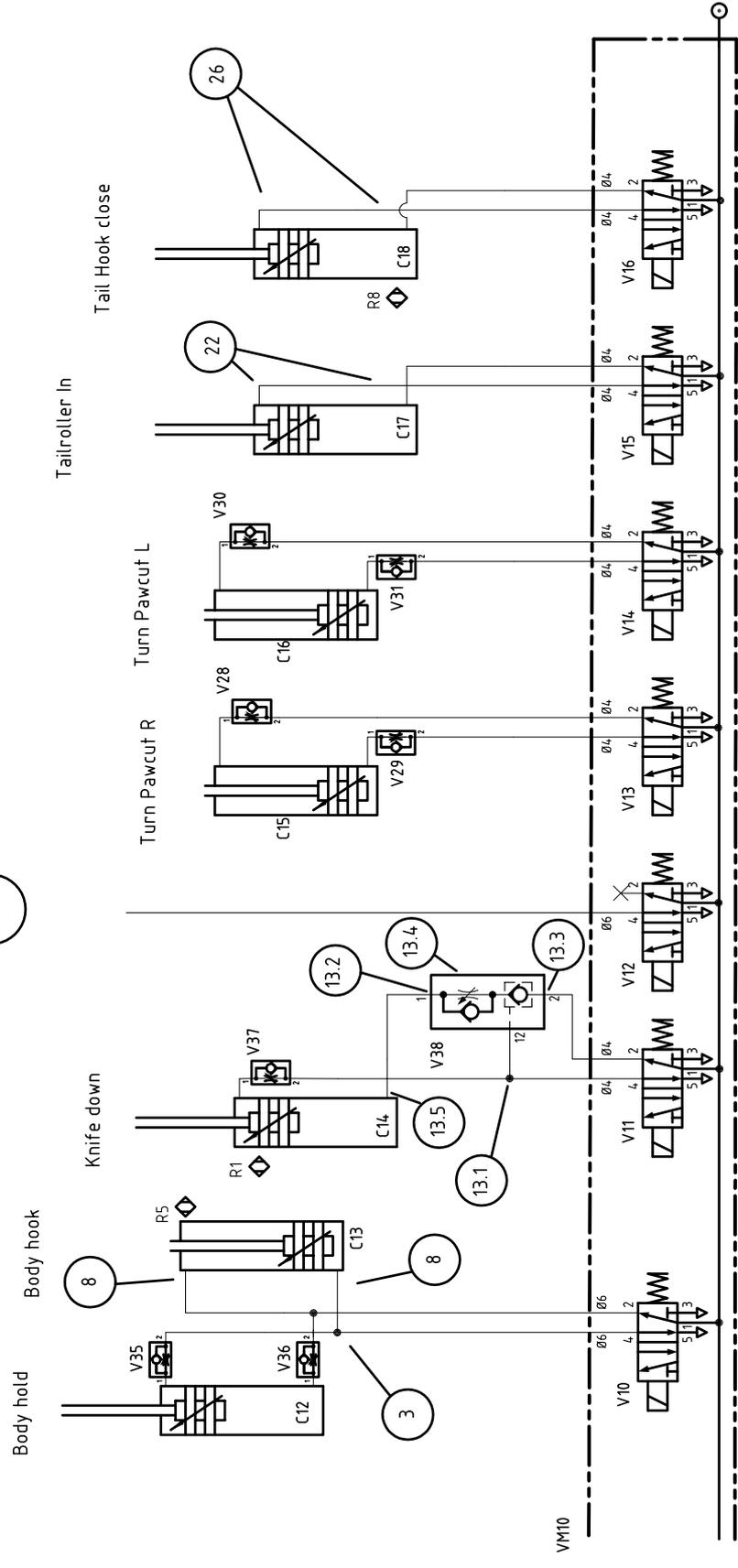


Revision:	Approved	Date:	Revision Description
2	KL	13-04-2016	Inverter changed to M200 + Softstarter added

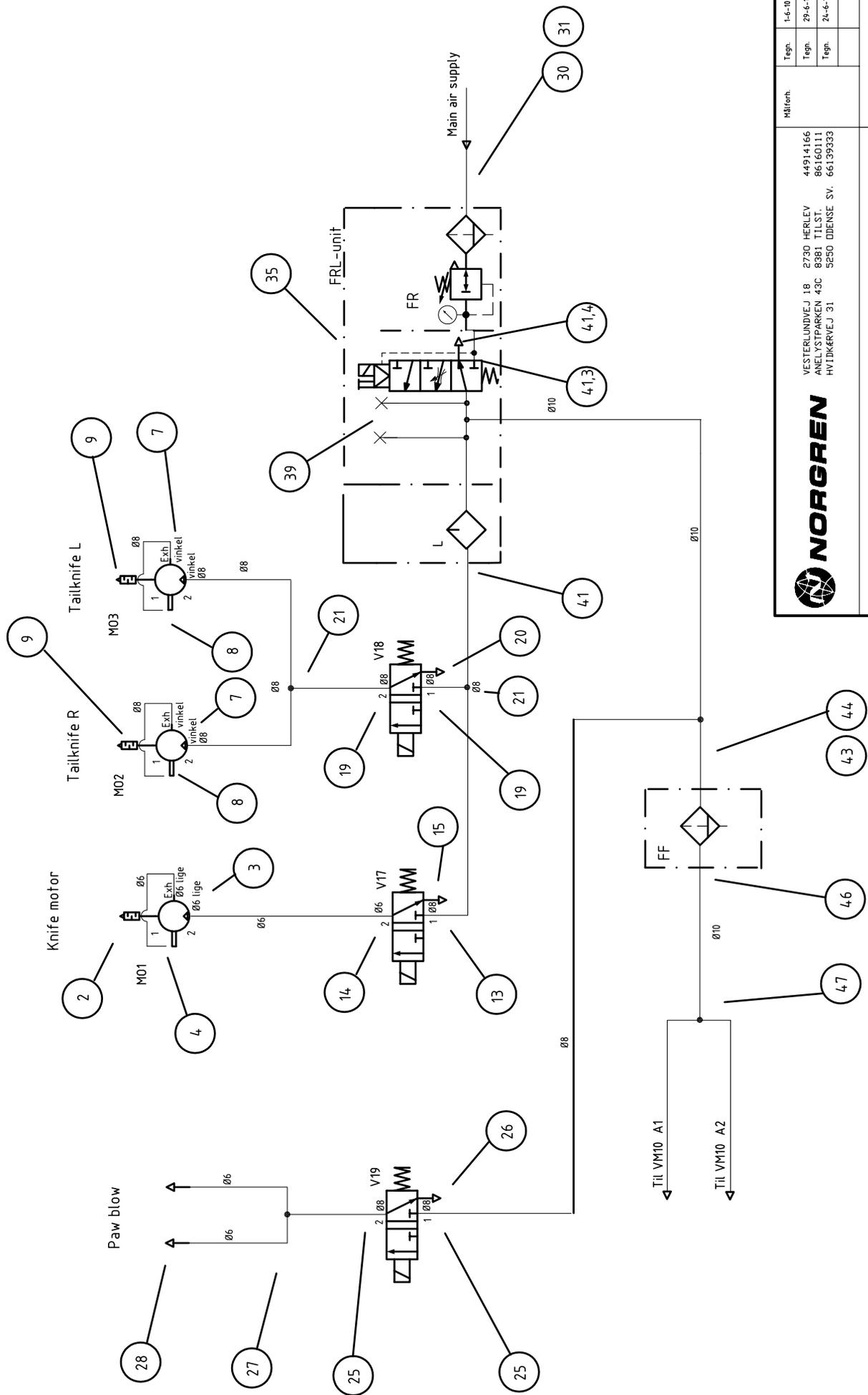
Break all edges

<small>Alle Maßangaben sind in mm anzunehmen. Maßstab ist nicht verbindlich. Maßstabänderungen sind ohne Rücksicht auf Copyright zu beschreiben. HEDENSTED GRUPPEN A/S</small>		Scale:	1:3,5	Not specified tolerance according to:	DS/ISO 2768-m	Sheet size:	A3
		Surface properties:	No			Sheet:	3/3
	Part No.:	600932	Material:				
Description 1:	Cabinet assembly						
Description 2:	Combi cut						

Stretch cyl



<b>NORGREN</b>		44914166		1-6-10		PD	
VESTERLUNDEJ 18 2730 HERLEV		86160111		29-6-10		PD	
ANELYSTPARKEN 43C 8381 TILST.		66139333		27-10-10		PD	
HVIDKÆRVEJ 31 5250 ODENSE SV.				26-4-2016		n/p	
Målførh.		A3-995D		Tegn.		1-6-10	
Erst. nr.		A3-995D		Ret.		29-6-10	
Erst. af		A3-995D		Ret.		27-10-10	
Erst. af		A3-995D		Ret.		26-4-2016	
CombiCut 2010		44914166		Tegn. nr.		ODS-0566-35714-A2	
Parts of list ODS-0566-S2		VESTERLUNDEJ 18 2730 HERLEV		Erst. nr.		ODS-0566-35714-A2	
		ANELYSTPARKEN 43C 8381 TILST.		Erst. af		ODS-0566-35714-A2	
		HVIDKÆRVEJ 31 5250 ODENSE SV.					



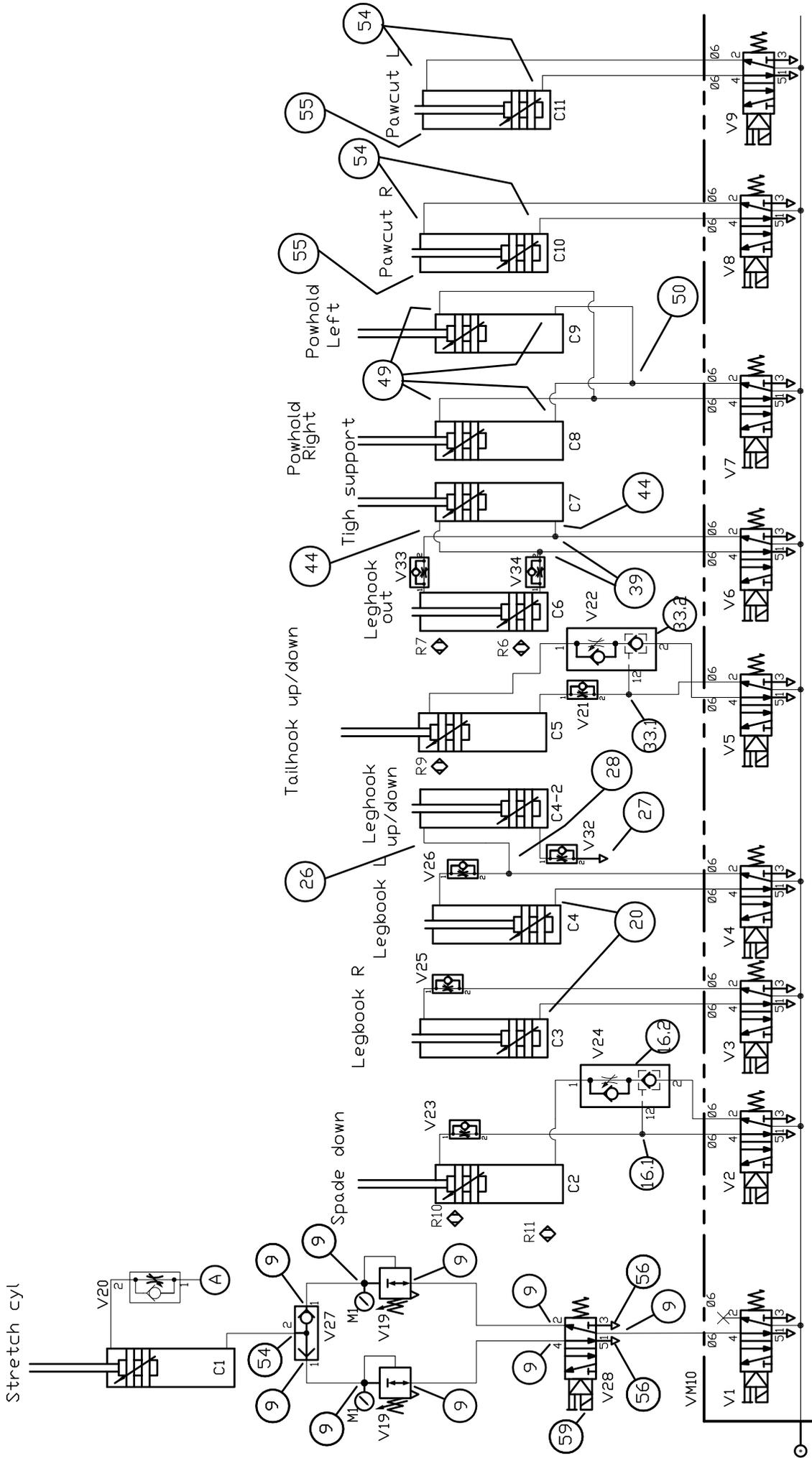
**NORGREN**

VESTERLUNDEJ 18 2730 HERLEV 44914166  
 ANELYSTPARKEN 43C 8381 TILST. 86160111  
 HVIDKØRVEJ 31 5250 ODENSE SV. 66139333

Målform.	Tegn.	PD
	1-6-10	PD
	29-6-10	PD
	24-6-16	njo

Erst. rev: \_\_\_\_\_  
 Teg. nr. ODS-0566-35714-A3  
 Erst. af \_\_\_\_\_

CombiCut 2010  
Parts of list ODS-0566-S3



CombiCut 2010		Material:	Scale:	First angle
Parts list DDS-0566-35314-S4		Drawn By: n.j.o	Date: 24.06.2016	
Drawing no: DDS-0566-35314-A4		Supersedes:		
VESTERLUNDVEJ 18 2730 HERLEV +45 44914166 HVIIDKÆRVEJ 31A 5250 ØRNENSE SV +45 66139333				



# NORGREN

		Hedensted Gruppen A/S	
Drawing no.	ODS-0566-35314-A2		Date: 26-4-2016
Parts of list	ODS-0566-S2		Design: Bjarne Stærkær
Drawing	Combicut 2010		A4-10774
Item	No.	Descreption	Norgren Ident. no.
1	1	Cyl C12	RM/8026/M/125
2	2	Banjo flow control V35-V36	C0K510618
3	2	Swivel Y adaptor	C00820600
4			
5	1	Cyl C13	PRA/182040/M/80
6	1	F-Mounting	QM/57040/25
7	1	R-Mounting	QA/8040/27
8	2	Straight adaptor	C02250628
9			
10	1	Cyl C14	RA/192020/M/25
11	1	Nut	M/P1501/60
12	1	Banjo flow control V37	C0K510405
13	1	valve no-return,pilot oporated ø6x1/8"	C01GN0618
13,1	1	y-connector 2 x ø4 x ø4	C00820400
13,2	1	Straight connector ø4 x female 1/8"	C02260418
13,3	1	Reduction stem ø6 pipe x ø4	C00230604
13,4	1	Straight connector ø4 x M5	C02250405
13,5	1	Elbow swivel ø4 x M5	C02470405
14	2	Cyl C15-16	RA/192032/M/80
15	2	F-Mounting	QM/8025/25
16	2	Nut	M/P1501/89
17	4	Banjo flow control V28-V31	C0K510418
18			
19	1	Cyl C17	RA/192025/M/25
20	1	F-Mounting	QM/8020/25
21	1	Nut	M/P1501/60
22	2	Swivel	C02470405
23			
24	1	Cyl C18	RA/192032/M/50
25	2	Nut	M/P1501/89
26	2	Swivel	C02470418

**NORGREN**

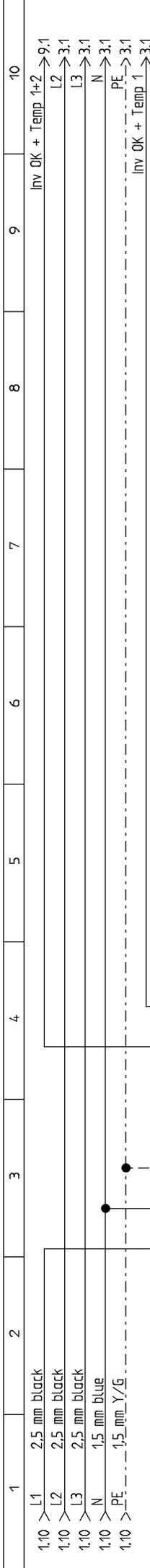
Hedensted Gruppen A/S				
Drawing no.		ODS-0566-35314-A3		Date: 26-4-2016
Parts of list		ODS-0566-S3		Design: Bjarne Stærkær
Drawing		Combicut 2010		A4-10774
Item	No.	Description		Norgren Ident. no.
1	1	Air Motor	M01	LZB22A049-55
2	1	Silencer		T40C1800
3	2	Straight adaptor		C02250618
4	1	Straight union		C00200600
5				
6	2	Air Motor	M02-M03	LZB22A049-55
7	4	Swivel		C02470818
8	2	Swivel		C02470828
9	2	Silencer		T40C1800
10				
11	1	Valve	V17	V60A413A-A313J
12	1	Connector		M/P43313/3
13	1	Swivel		C02470818
14	1	Swivel		C02470618
15	1	Silencer		T40C1800
16				
17	1	Valve	V18	V61B413A-A313J
18	1	Connector		M/P43313/3
19	2	Swivel		C02470828
20	1	Silencer		T40C2800
21	2	Swivel Y adaptor		C00820800
22				
23	1	Valve	V19	V60A413A-A313J
24	1	Connector		M/P43313/3
25	2	Swivel		C02470818
26	1	Silencer		T40C1800
27	1	Swivel Y adaptor		C00820806
28	2	Swivel		C02470618
29				
30	1	Plug Male		234110028
31	1	Adaptor		4215-08
32	1	Filterregulator	FR	B72G-2GK-AL3-RMN
33	1	Tamper resistant		4255-51
34	1	Gauge		18-013-989
35	1	Plug Male		160050028
36	2	Quikclamp and Wall mount		4214-52
37	2	Quikclamp		4214-51
38	1	Porting blok		4216-52
39	1	Straight adaptor		C02251028
40	1	Lubricator		L72M-2GP-ETN
41	1	Swivel		C02470828
41,1	1	Elbow male 1/4" female 1/4"		150430028
41,2	1	Quick coupling female 1/4"		40208
41,3	1	valve softstarter 1/4" 24vdc		P72F-2GC-PFA
41,4	1	Filter silence 1/4"		MB002B
42				
43	1	Swivel Tee adaptor		C02671038
44	1	Stem reducer		C00231008
45	1	Oil removal filter	FF	F73C-3GD-AT0
46	1	Swivel		C02471038
47	1	Union Tee		C00601000
48	1	wall mounting bracket		4424-50
49				
50	1	Valve	V1-V16	VM101602172
51	2	Plug Ø6		110040600
52	1	Cabel 3 m D Sub 90gr.		V12088-E03



# NORGREN

		Hedensted Gruppen A/S		
Drawing no.		ODS-0566-35314-A4		Date: 26-4-2016
Parts of list		ODS-0566-S4		Design: Bjarne Stærkær
Drawing		Combicut 2010		A4-10774
Item	No.	Description		Norgren Ident. no.
1	1	Cyl	C1	PRA/182032/M/320
2	1	F-Mounting		QM/8025/25
3	1	L-Mounting		QA/8032/24
4	1	Swivel		C02470618
5	1	Banjo flow control	V20	C0L510618
6	2	Valve	V19	R07-100-RNKG
7	2	Bracket		M/P71273/3
8	2	Gauge	M1	18-013-011
9	9	Swivel		C02470618
10	2	Mounting nut		2962-04
11				
12	1	Cyl	C2	PRA/182040/M/500
13	1	F-Mounting		QM/8040/25
14	1	L-Mounting		QA/8040/24
15	1	Banjo flow control	V23	C0K510628
16	1	valve no-return,pilotoperated ø6 x 1/4"	V24	C01GN0628
16,1	1	tee ø6 x ø6 x ø6		C00600600
16,2	1	Elbow swivel ø6 x 1/8"		C01470618
17	2	Cyl	C3-C4	RT/57225/M/50
18	2	F Mounting		HG NO 207856
19	2	Nut		M/P1501/89
20	2	Straight adaptor		C01250618
21	2	Banjo flow control	V25	C0TA00618
22				
23	1	Cyl	C4-2	RM/8026/M/80
24	1	F Mounting		QM/8025/25
25	1	Banjo flow control	V32	C0K510618
26	1	Swivel		C02470618
27	1	Silencer		100110600
28	1	Swivwl y adaptor		C00820600
29				
30	1	Cyl	C5	RA/192032/M/80
31	1	Nut		M/P1501/89
32	1	Banjo flow control	V22	C0K510618
33	1	valve no-return,pilotoperated ø6 x 1/4"	V21	C01GN0618
33,1	1	Elbow swivel ø6 x M5		C02470605
33,2	1	Y-connector 2 x ø6x ø6		C00820600
34	1	Cyl	C6	RT/57225/M/50
35	1	Nut		M/P1501/89
36	1	UF-Mounting		QM/8025/32
37	1	L-Mounting		QM/57025/24
38	2	Banjo flow control	V33-V34	C0TA00618
39	2	Swivel Y adaptor		C00820600
40				
41	1	Cyl	C7	RA/192032/M/20
42	1	F Mounting		QM/8025/25
43	1	Nut		M/P1501/89
44	2	Swivel		C02470618
45				
46	2	Cyl	C8-C9	RA/192032/M/25
47	2	F Mounting		QM/8025/25
48	2	Nut		M/P1501/89
49	4	Swivel		C02470618
50	2	Swivel Y adaptor		C00820600
51				
52	2	Cyl	C10-C11	RA/192032/M/20
53	4	Nut		M/P1501/89
54	5	Straight adaptor		C02250618
55	16	Mounting brace		M/P72816
56	2	1/8 silencer		T40C1800
57	1	1/8" switch valve	v27	T65C1800
58	1	1/8" solenoid 5/2 valve	v28	V60A513A-A313J
59	1	socket 22mm		M/P43313/3





PARAMETER FUNKTION	PARAMETER SETTINGS	PARAMETER FUNKTION	PARAMETER SETTINGS
Max. Hz	P 00.002 70	BC Post-brake release delay	P 00.051 0.0
Acceleration	P 00.003 0.3	User Enable	P 06.038 0n
Deceleration	P 00.004 0.3	Analog Input 1	P 07.010 18.011
Motor current	P 00.006 3.8	Digital I01 Source	P 08.021 10.002
Motor RPM	P 00.007 1395	Digital I02 Source	P 08.022 6.029
Parameter access	P 00.010 ALL	Digital Input 03	P 08.023 0.0
Jog Reference	P 00.015 0	Logic Function 1 source 1	P 09.004 8.003
Ramp Mode	P 00.028 Fast	Logic Function 1 source 2	P 09.007 0n
DC01 Control	P 00.035 18	Logic Function 1 Delay	P 09.009 -0.5
BC Upper Current Threshold	P 00.046 10	Logic Function 1 Designation	P 09.010 6.030
BC Lower Current Threshold	P 00.047 6	Logic Function 2 source 1	P 09.014 8.003
BC Brake Apply Freq.	P 00.0049 1.10	Logic Function 2 source 1 invert	P 09.015 0n
BC Brake Delay	P 00.050 0.0	Logic Function 2 source 2	P 09.016 8.004
		Logic Function 2 source 2 invert	P 09.017 0n
		Logic Function 2 Output invert	P 09.018 0n
		Logic Function 2 Designation	P 09.020 12.016
		Timer 1 Stop Time	P 09.038 10
		Braking resistor power	P 10.030 0.0
		Brakeing Resistor Thermal Time	P 10.031 0.0
		Variable Selector 1 Source 1	P 12.008 18.011
		Variable Selector 1 Source 2	P 12.009 18.012
		Variable Source 1 Designation	P 12.011 1.036
		Variable Selector 1 Enable	P 12.016 Off
		BC Enable	P 12.041 Digital IO
		Meny 1 Read-Write Integer 11	P 18.011 23

DELTA CONNECTION I  
Motor-cable: 4 x 1.0 mm Shielded

**HEDENSTED GRUPPEN**  
Vejlevej 15, DK-8722 HEDENSTED  
(+45) 75891244 - Fax: (+45) 75891180

**AG**

Mains vertical

Projektnavn:  
**Combi\_Cut\_2015\_02\_FX3G**

Næste Side: 3  
Op: 05-12-2014

Printdato:  
01-03-2011

Side nr.: **2**

Tegnet: KL  
Rettet: 27-05-2016  
Side af: **26**

1	2	3	4	5	6	7	8	9	10
2.10 > L2	2.5 mm black								
2.10 > L3	2.5 mm black								
2.10 > N	1.5 mm blue								
2.10 > PE	1.5 mm Y/G								
2.10 > Inv.OK									

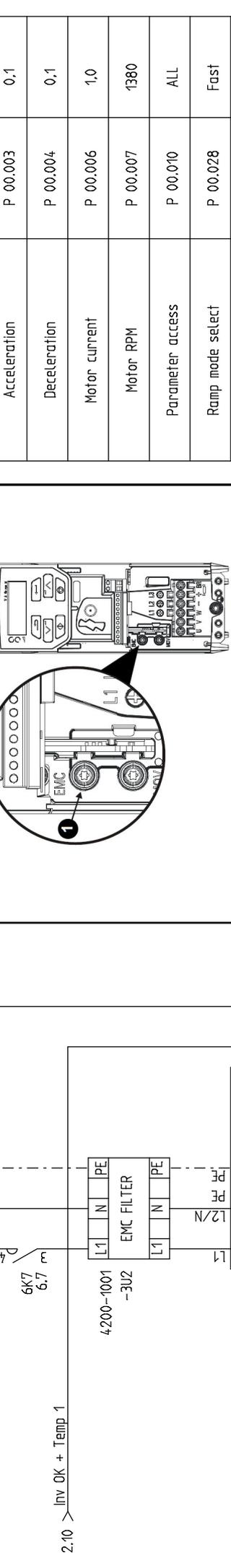
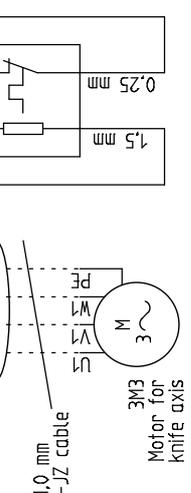


Figure 4-19 Removal of the internal EMC filter (size 2 shown)  
To electrically disconnect the internal EMC filter, remove the screw as shown above (1).

PARAMETER FUNCTION	PARAMETER SETTINGS
Min. Hz	P 00.001 4
Max. Hz	P 00.002 80
Acceleration	P 00.003 0,1
Deceleration	P 00.004 0,1
Motor current	P 00.006 1,0
Motor RPM	P 00.007 1380
Parameter access	P 00.010 ALL
Ramp mode select	P 00.028 Fast
Control mode	P 00.041 Ur
Brake Resistor Zero Threshold	P 00.054 1,0
User Enable	P 06.038 0n
Brake Resistor Power	P 10.030 0,0
Brake Resistor Time Constant	P 10.031 0

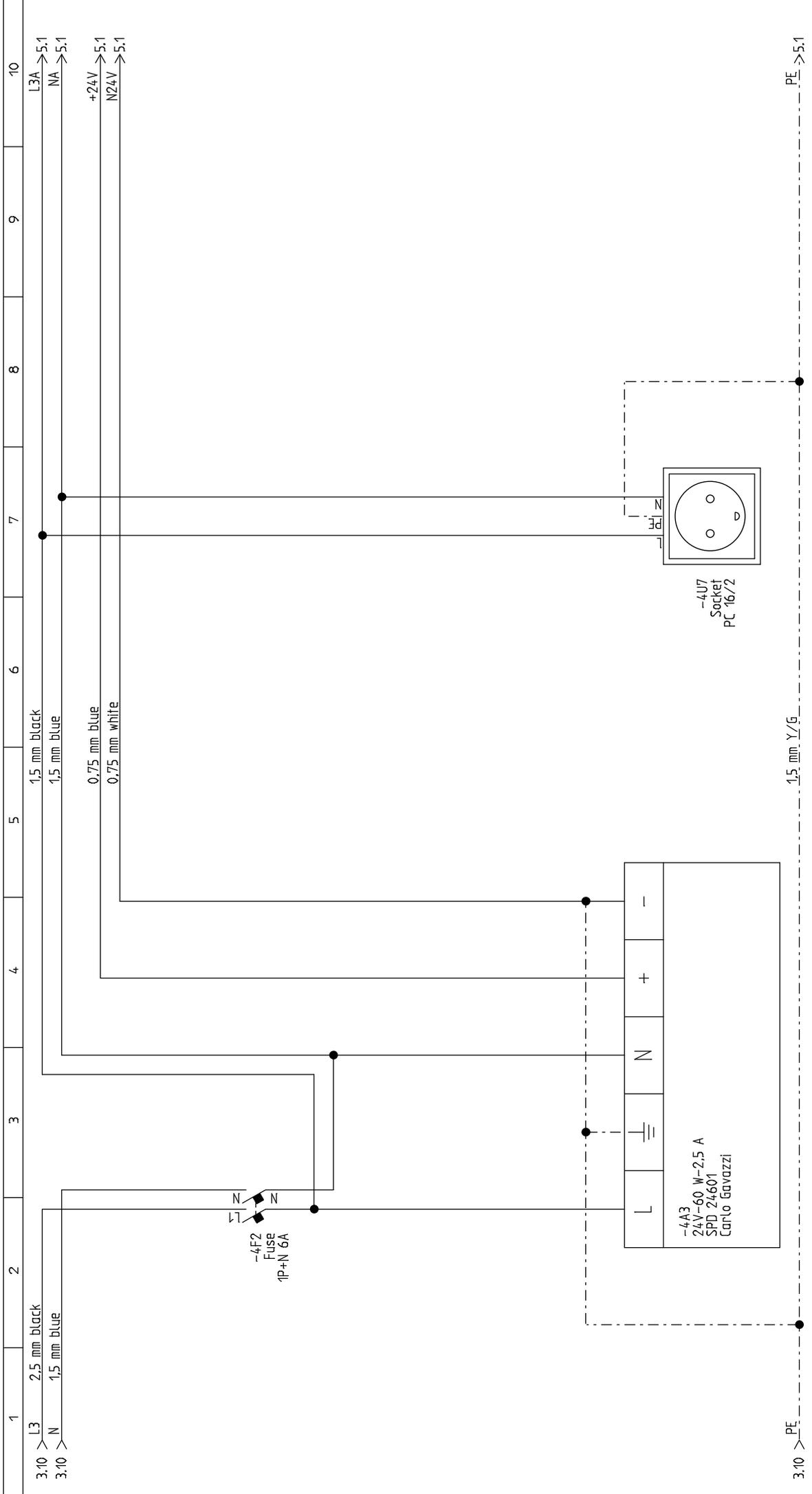
3R4  
Brake resistor  
1220-3131 100W

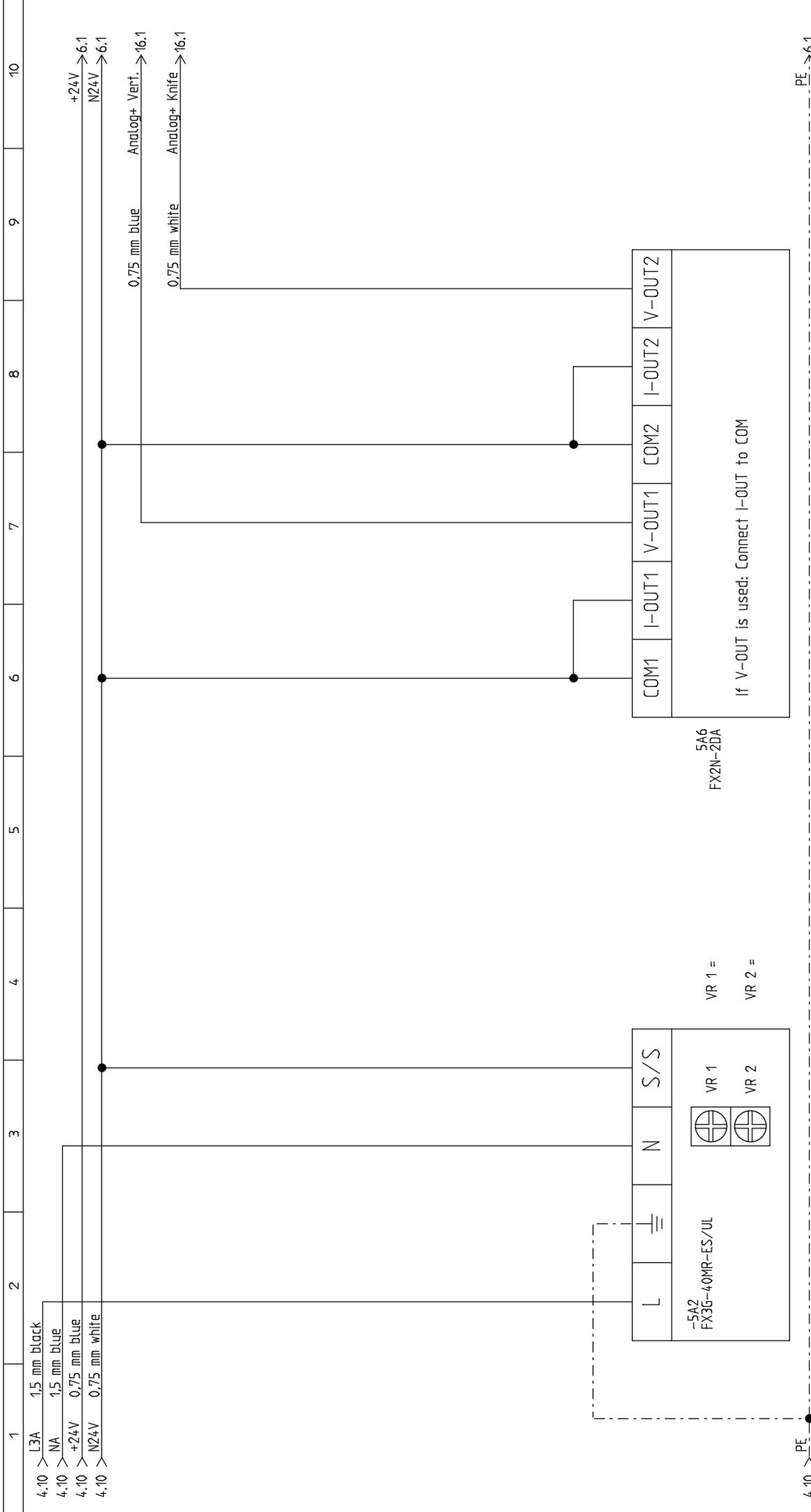


4x1,0 mm  
CY-JZ cable

3M3  
Motor for  
knife axis  
0,18 kW 1:10

Remove EMC screw to disconnect internal filter





4.10 > PE → PE → 6.1



PLC supply

Projektnavn:  
**Combi\_Cut\_2015\_02\_FX3G**

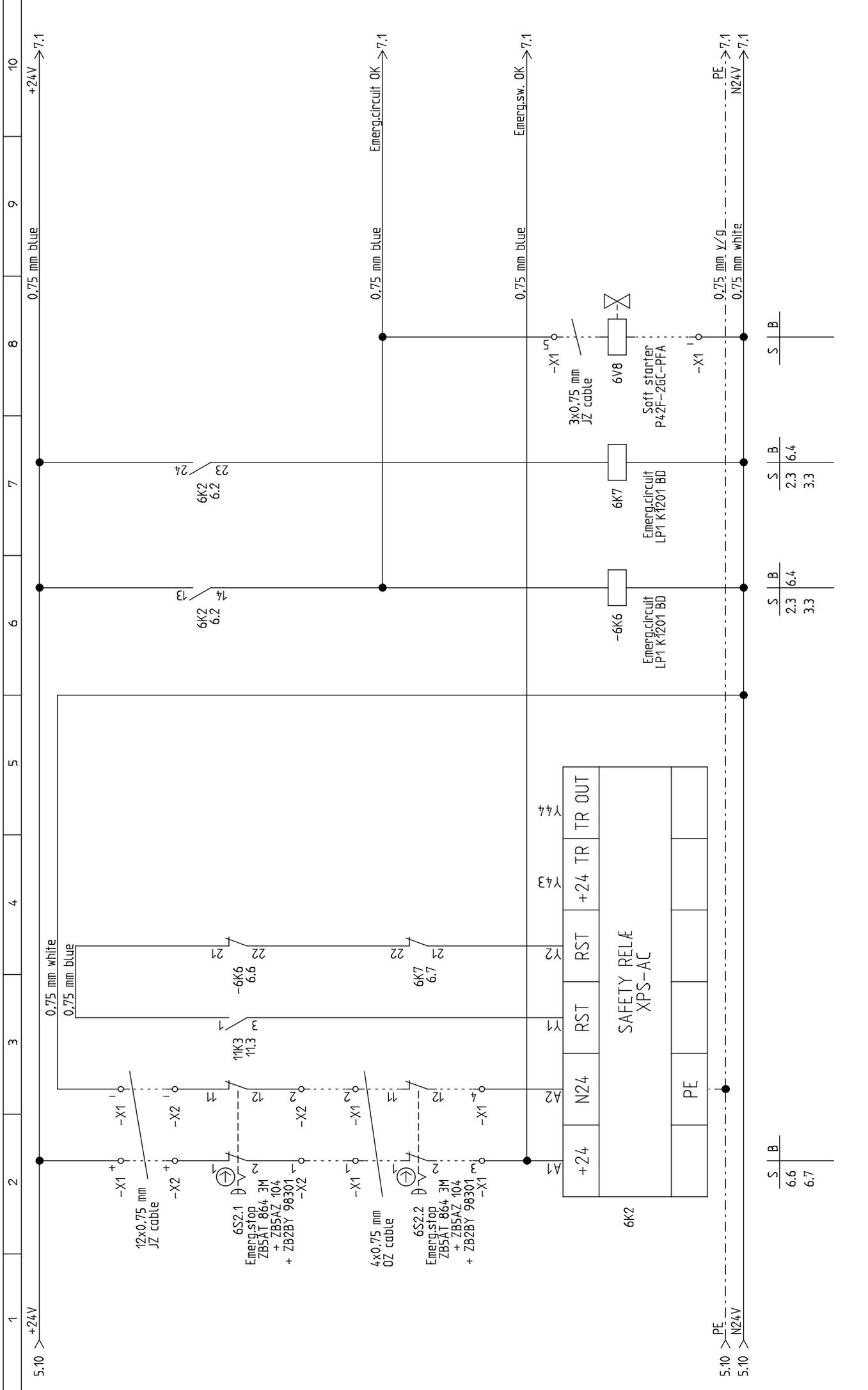
Næste Side: 6  
 Opr: 05-12-2014  
 Printdato: 02-06-2010

Side nr.: 5

Tegnet: KL

Rettet: 27-05-2016

Side af: 26



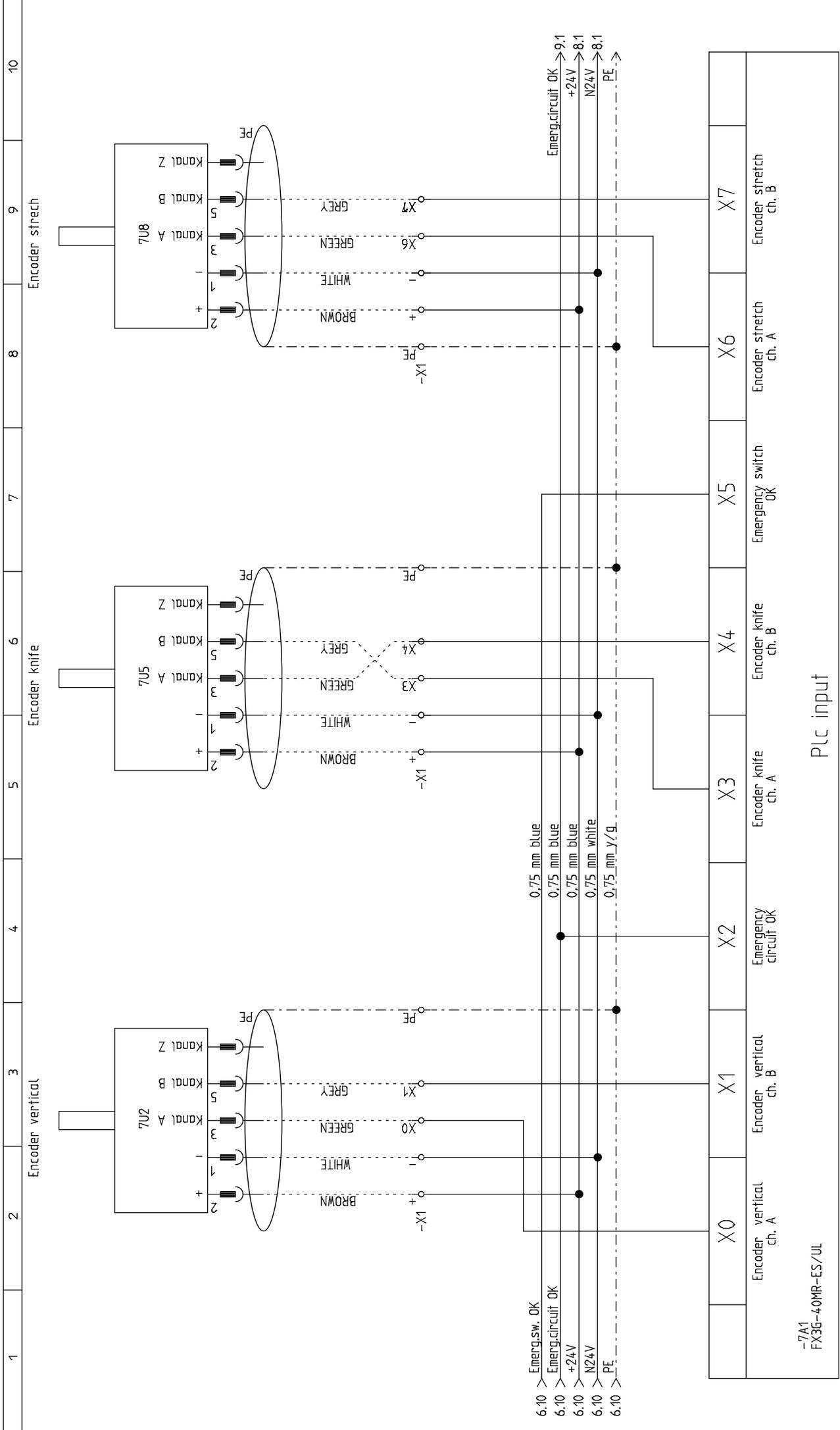
S	B
6.6	
6.7	

S	B
2.3	6.4
3.3	

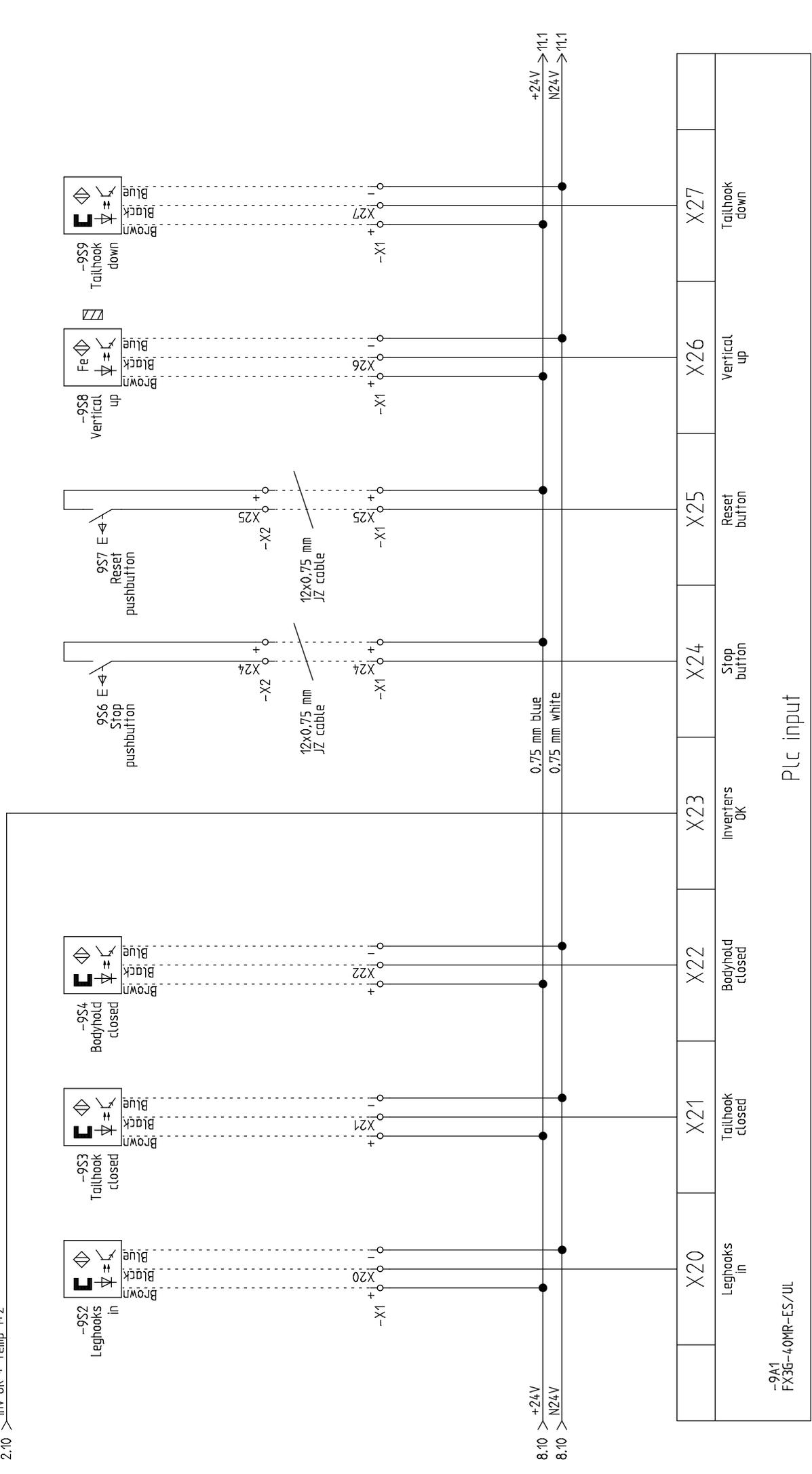
S	B
2.3	6.4
3.3	

S	B

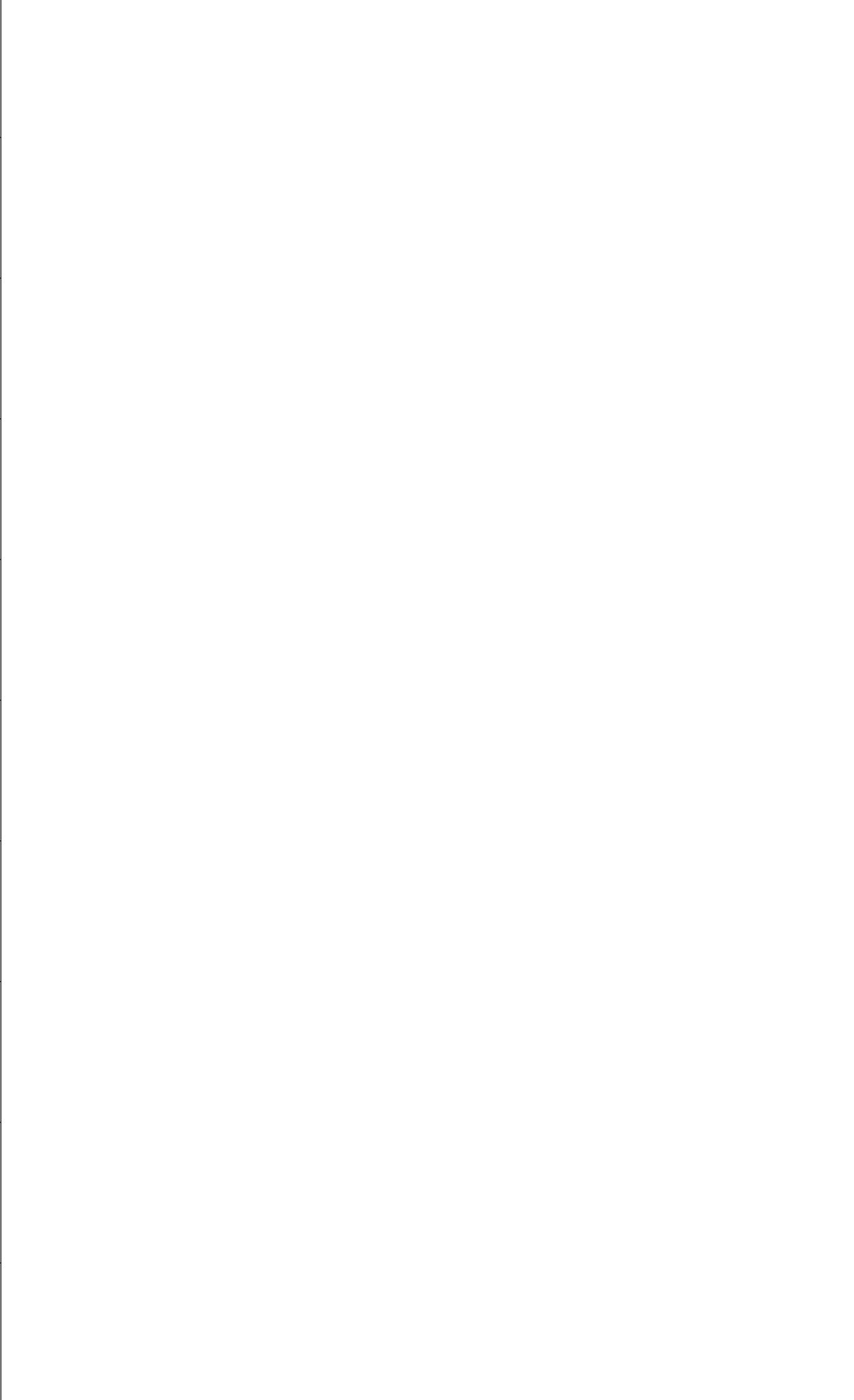


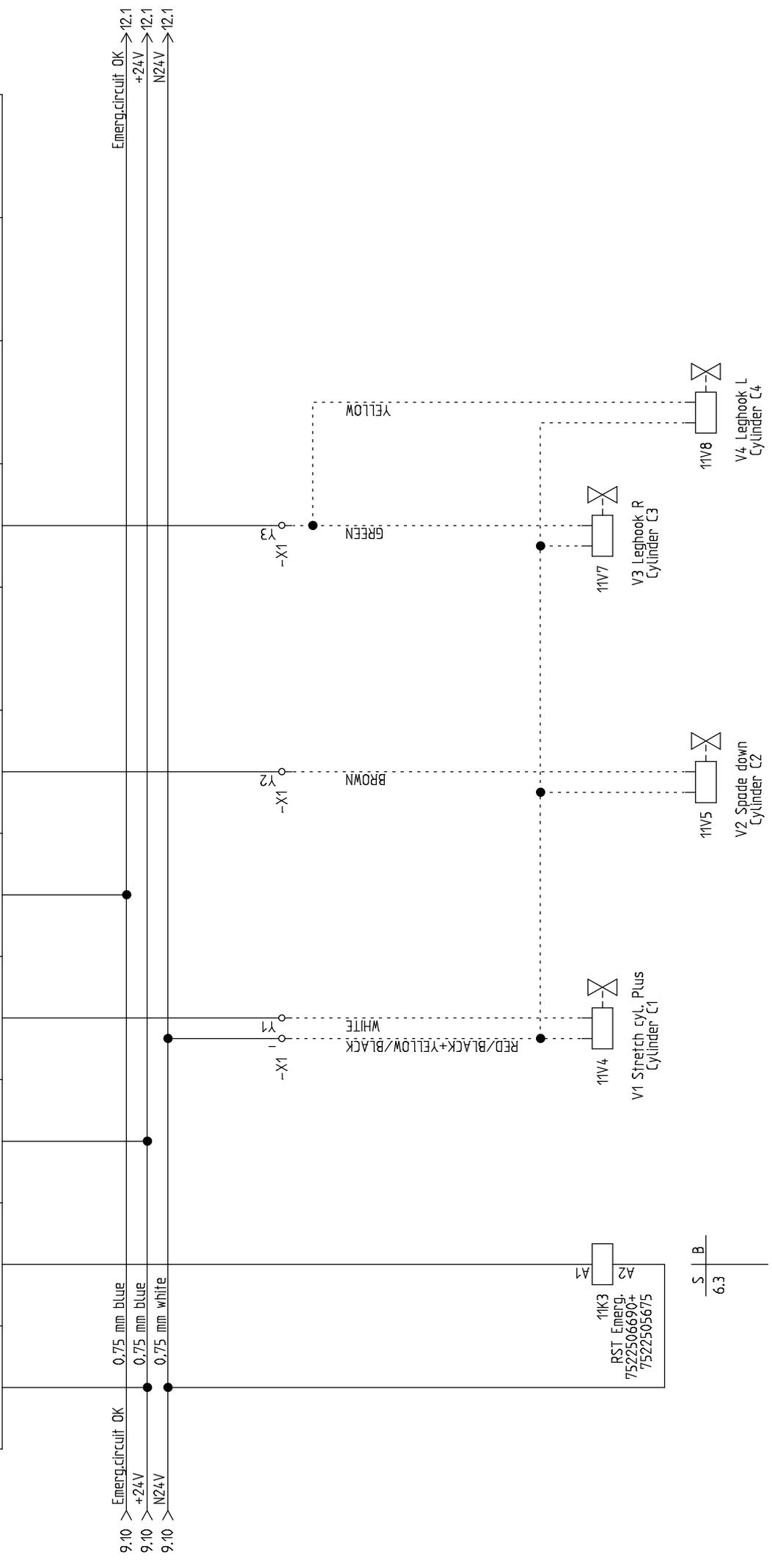
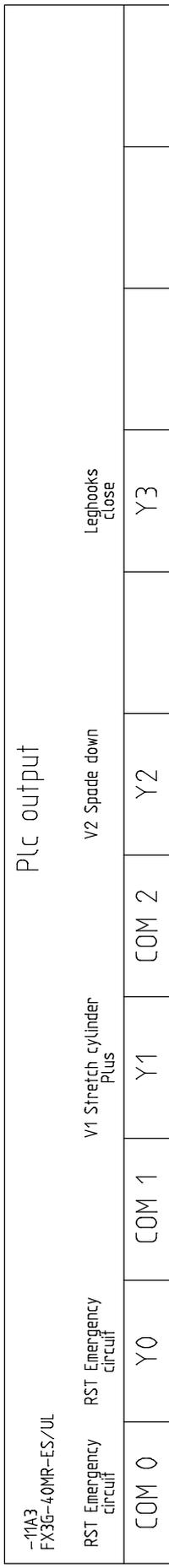


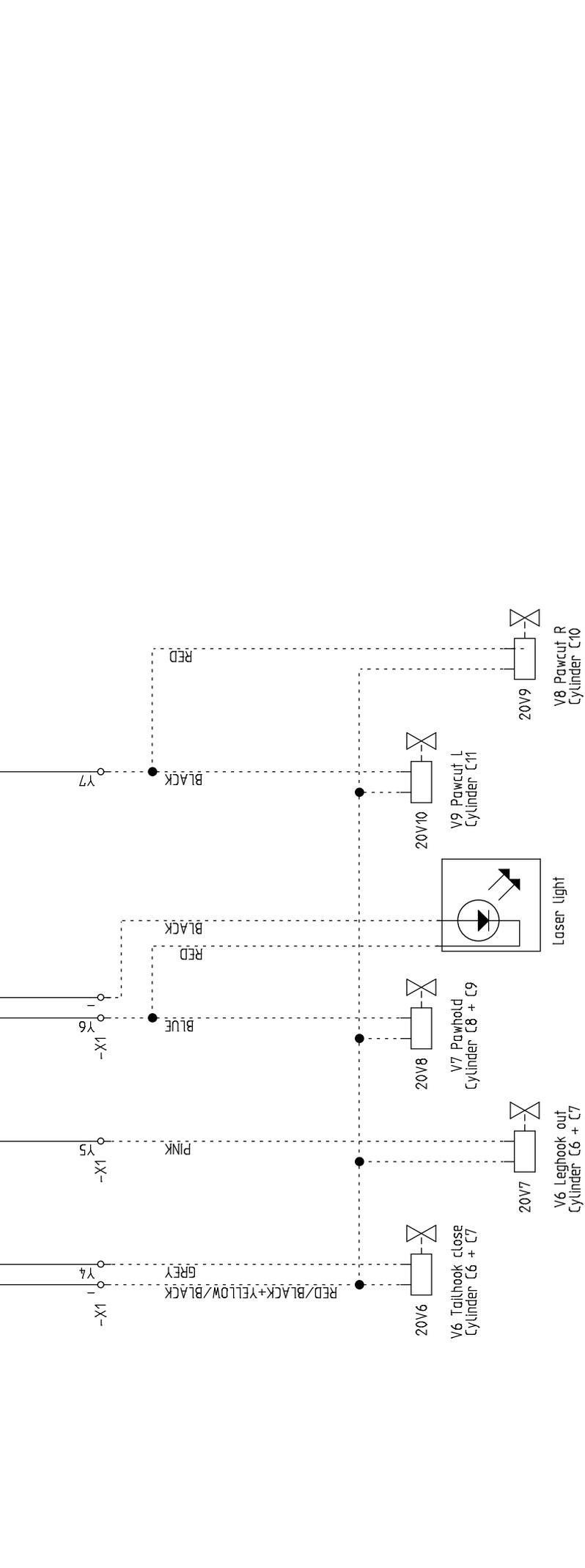
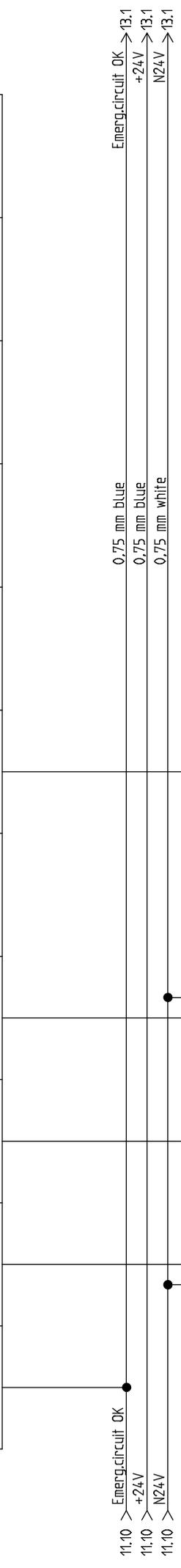
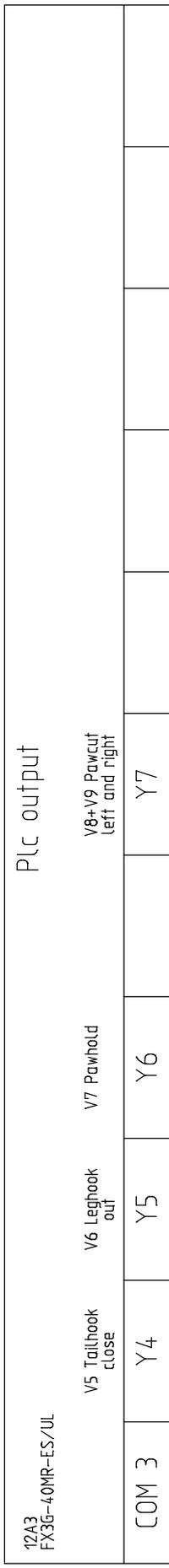


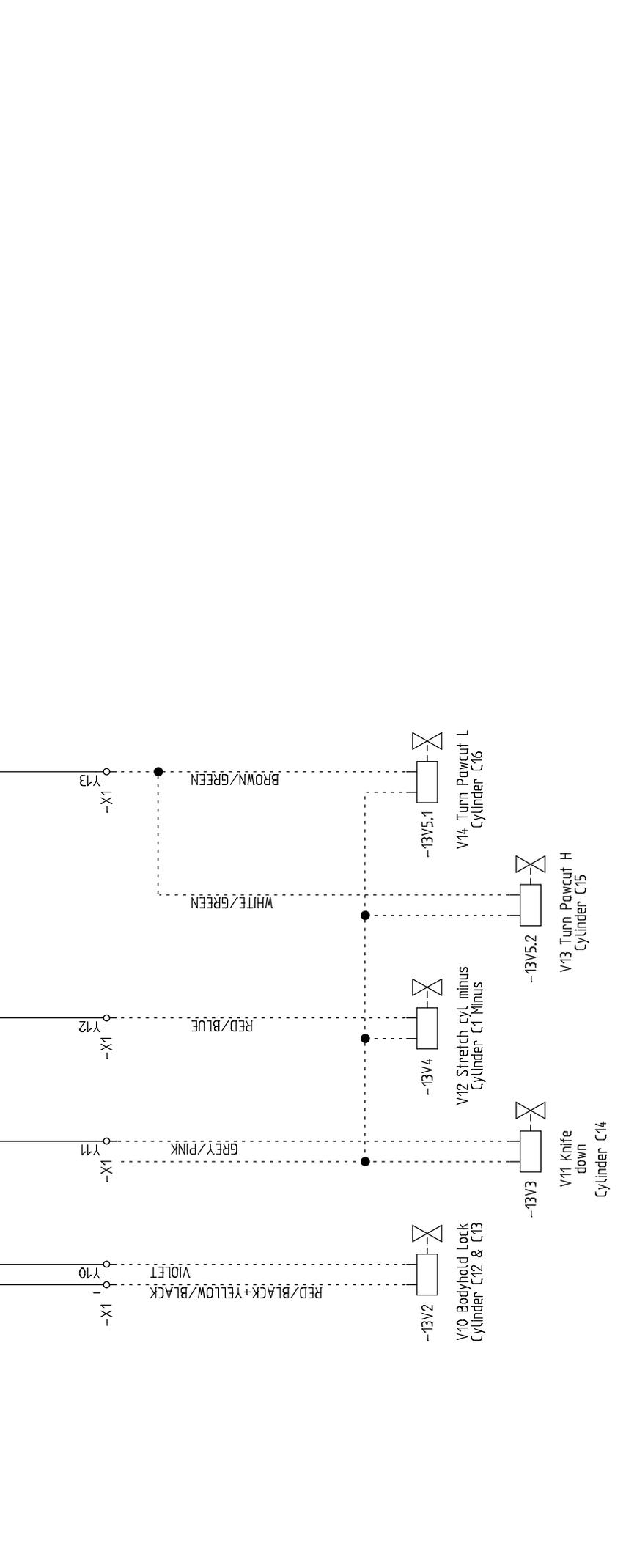
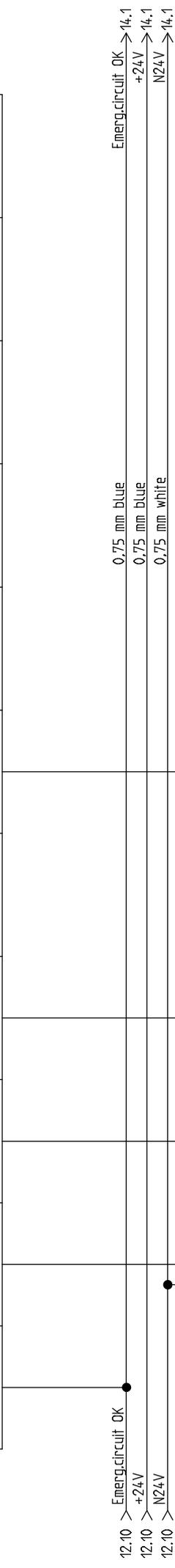
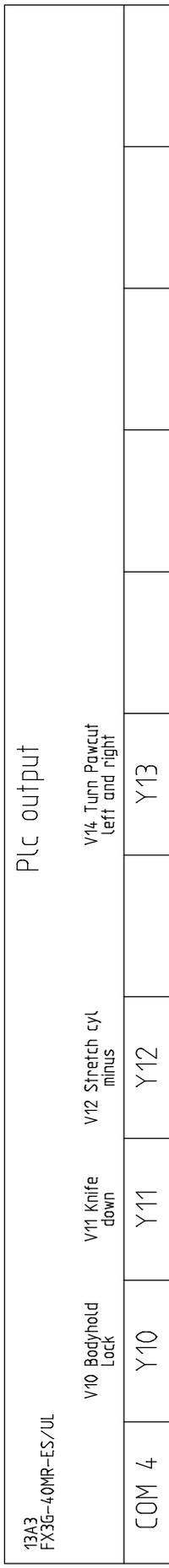


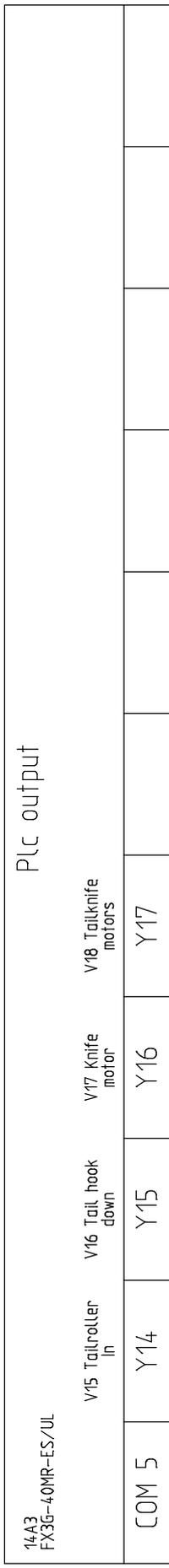
1	2	3	4	5	6	7	8	9	10
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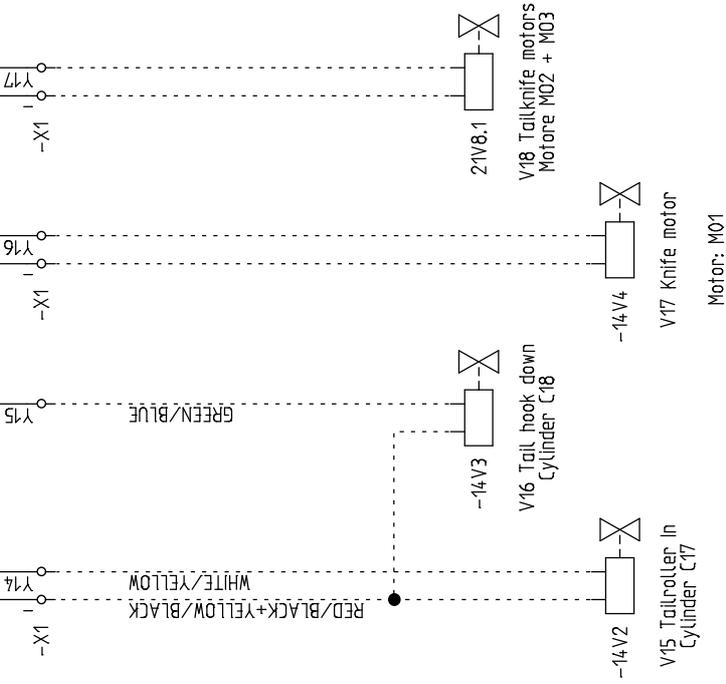
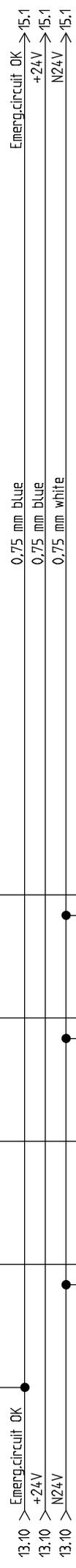






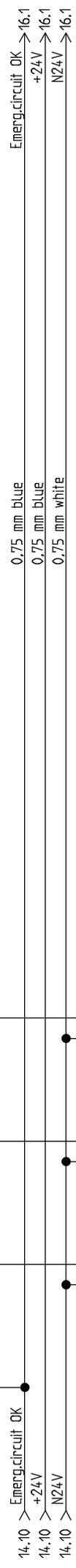


Plc output

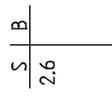
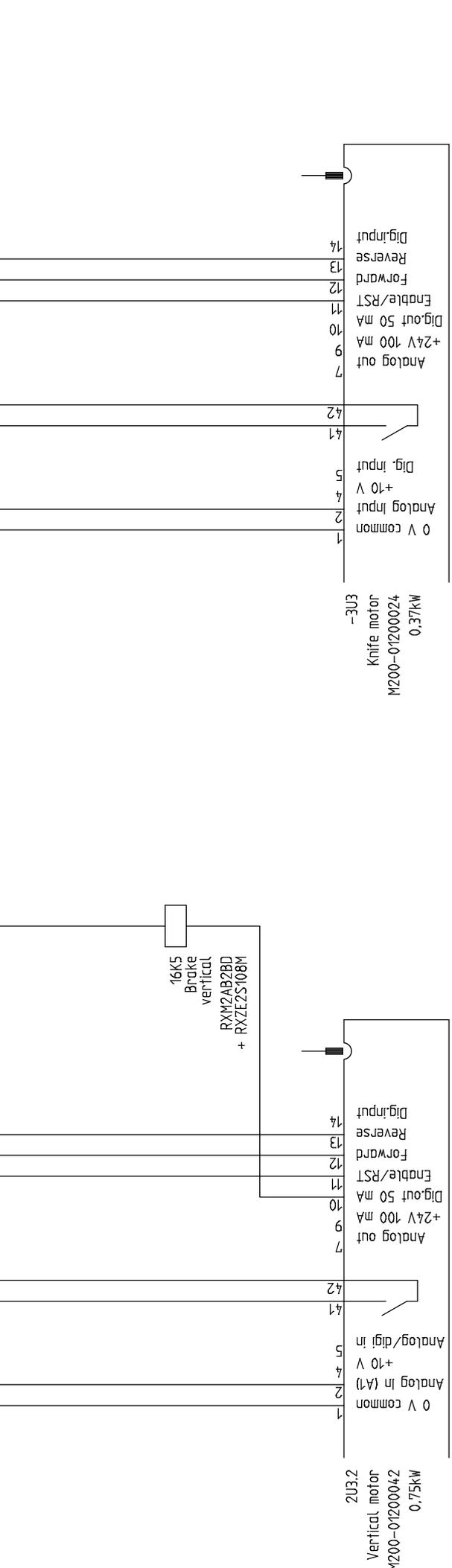
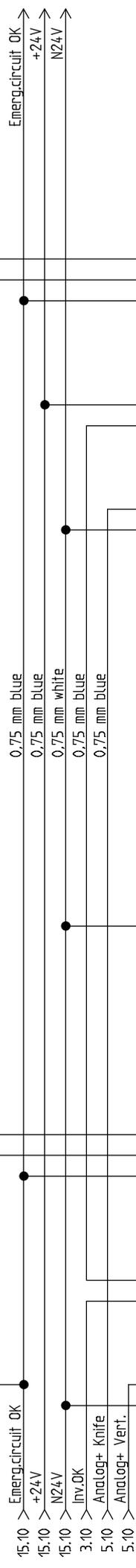
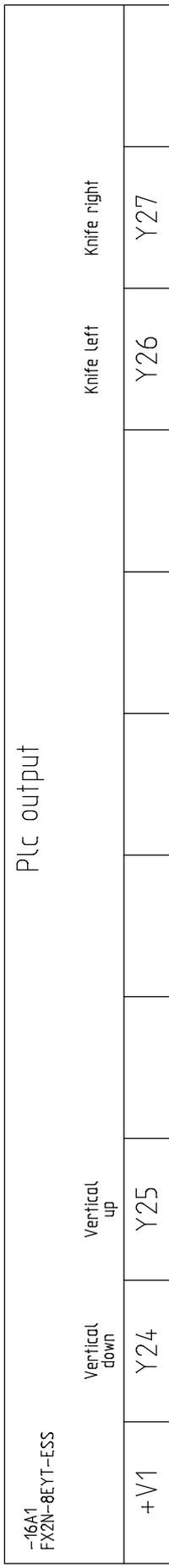


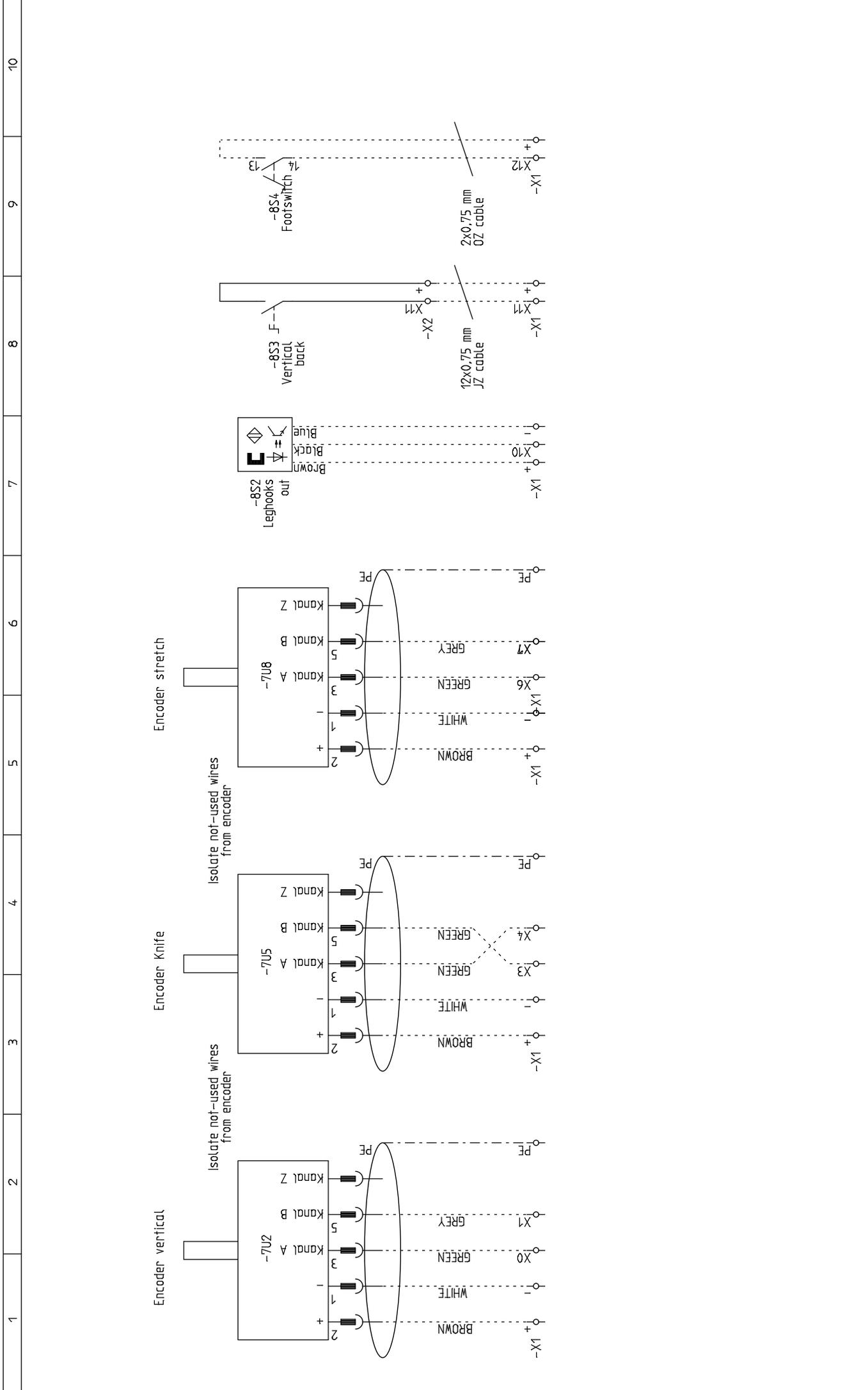
15A3 FX2N-8EYT-ESS									
Male/Female output for stretch pressure									
+V0	Y20	Y21	Y22	Y23	COM 7	Y24	Y25	Y26	Y27
Not used									

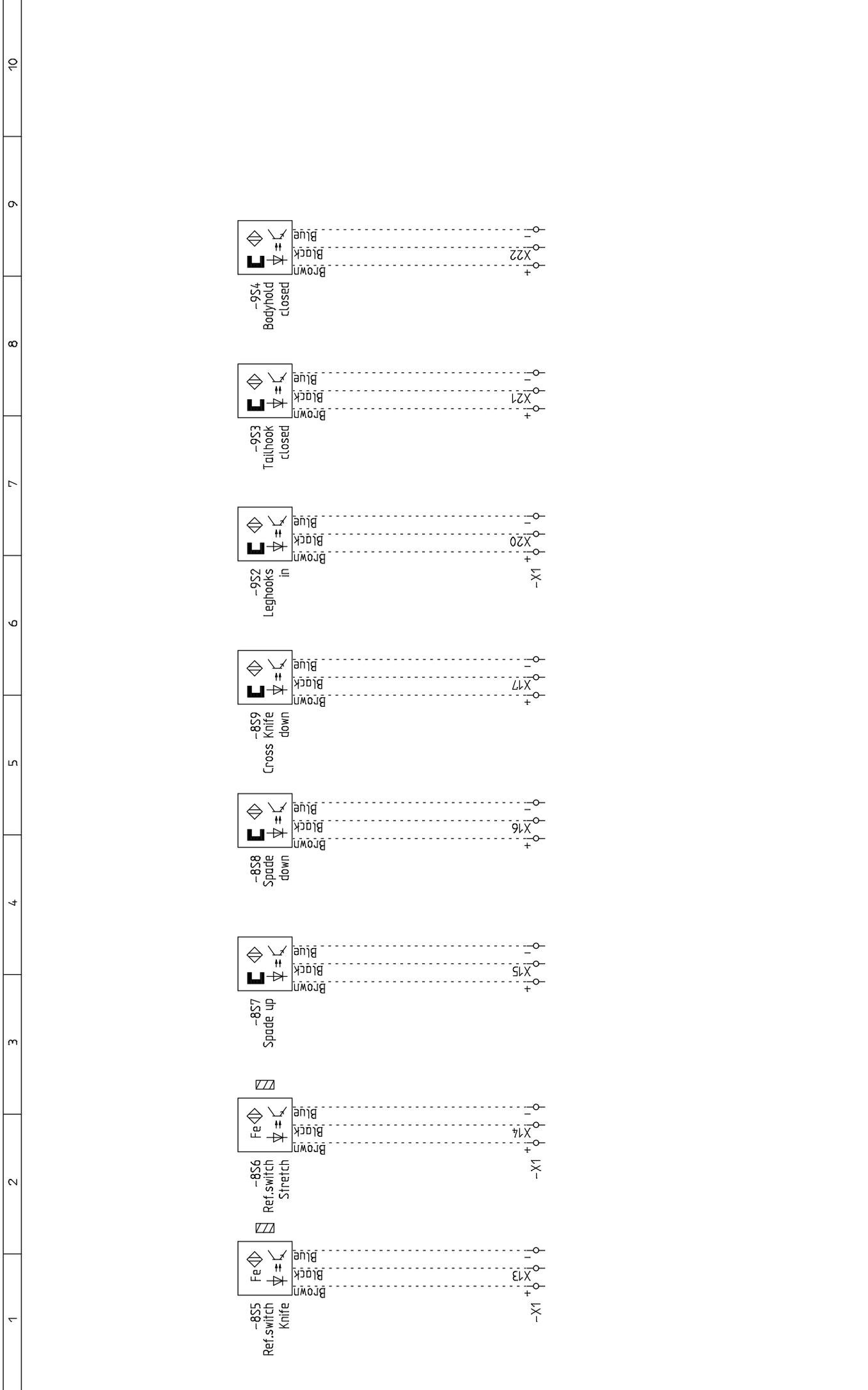
Plc output

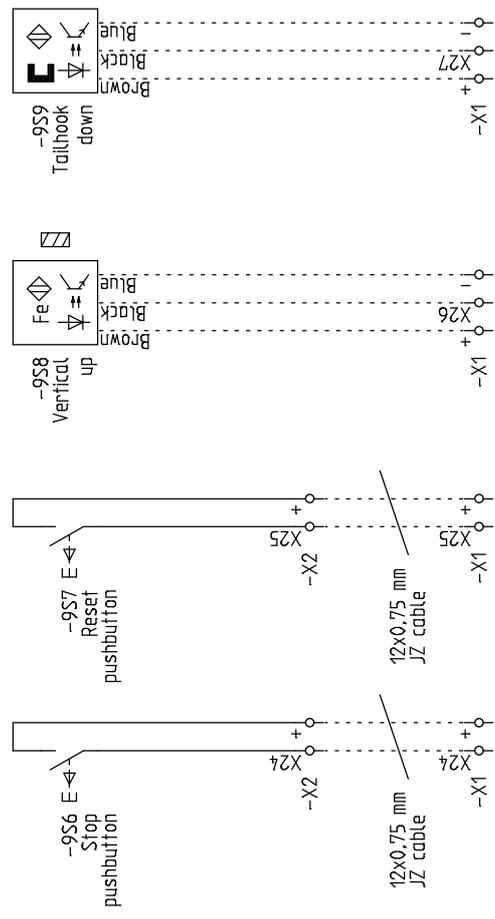


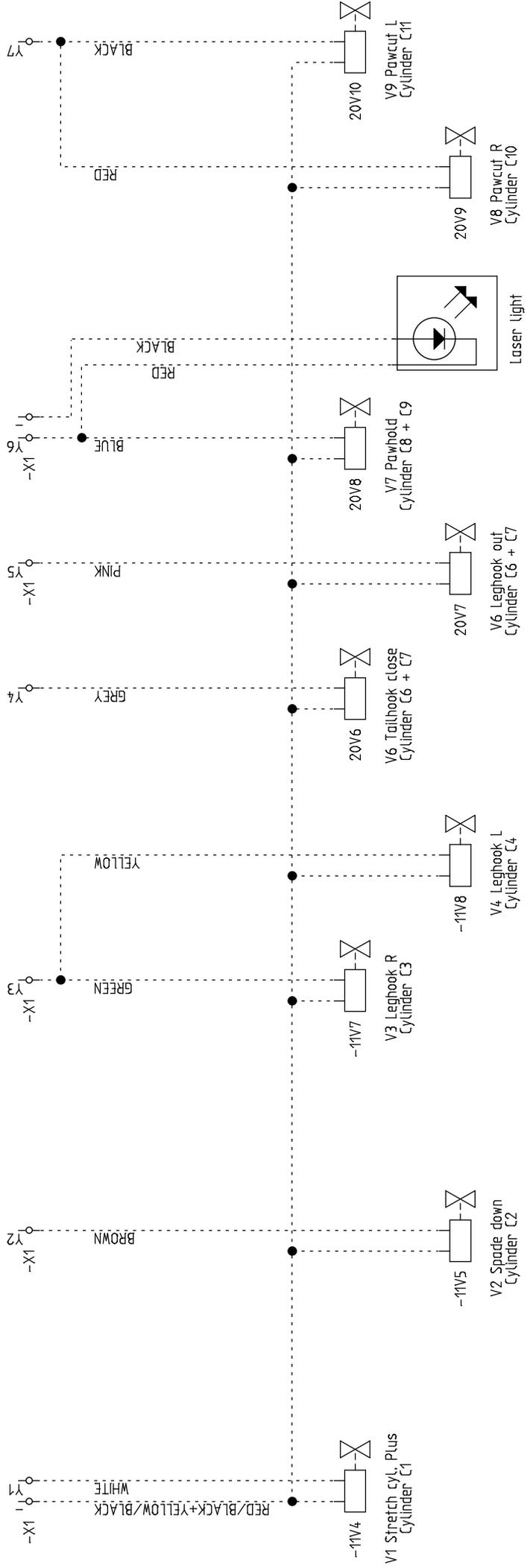
OUT Y20 is used for extra valve for automatic change between male / female stretch pressure

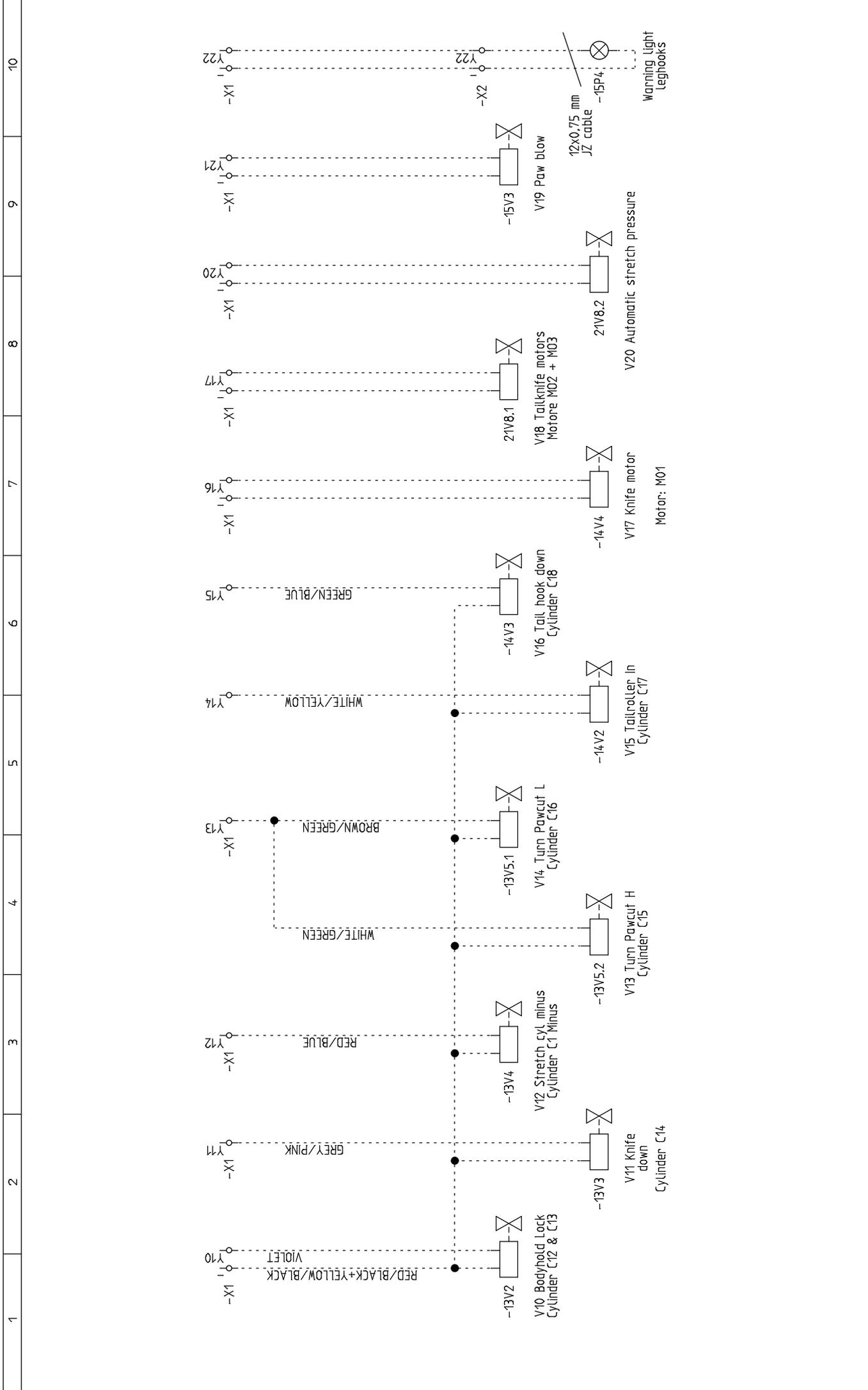


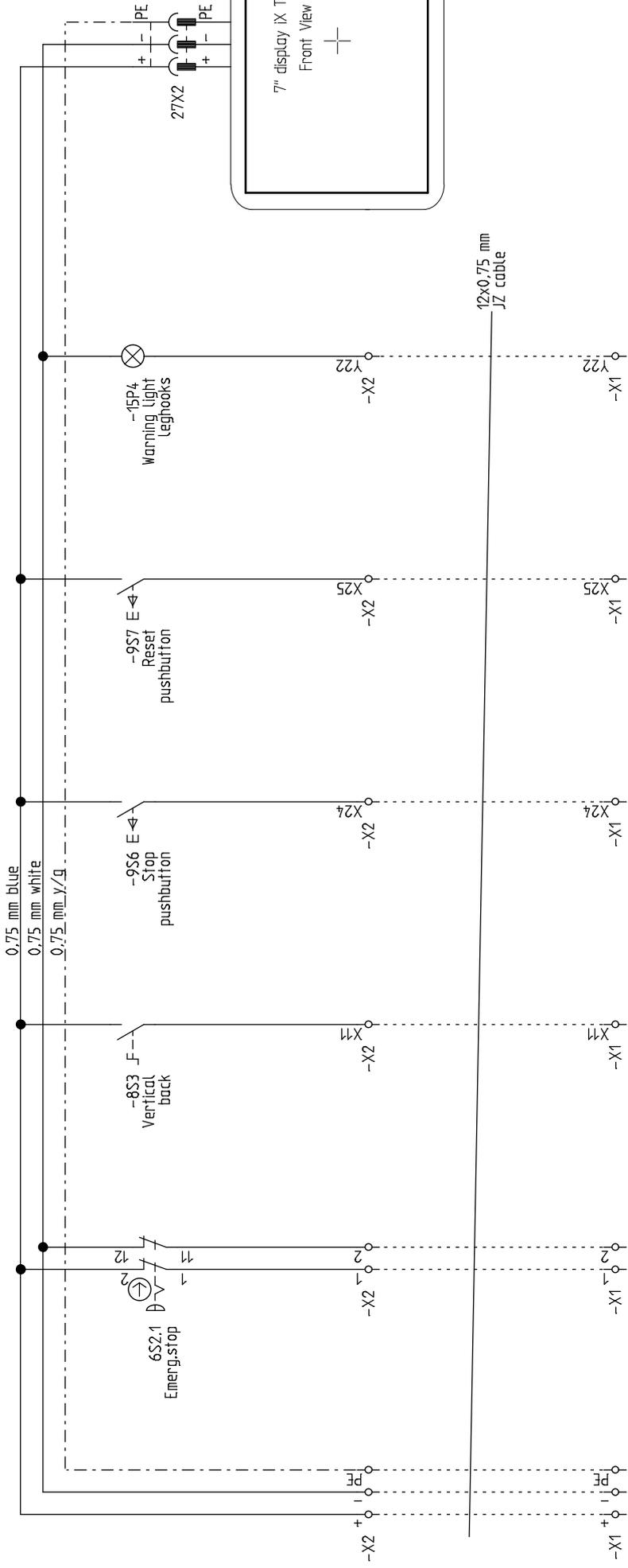




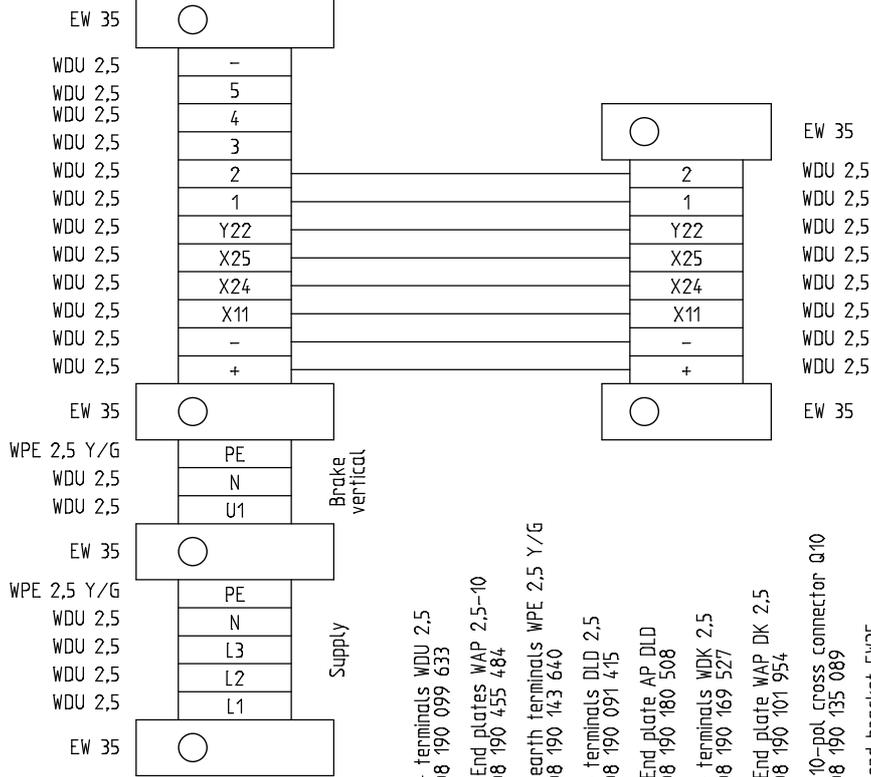
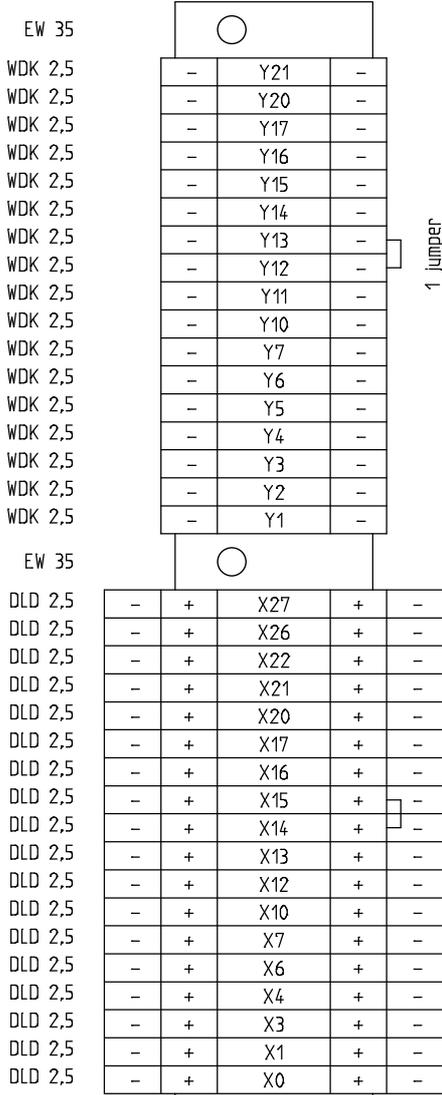








Terminals X1, main panel



- 26 - terminals WDU 2,5  
40 08 190 099 633
- 4 - End plates WAP 2,5-10  
40 08 190 455 484
- 2 - earth terminals WPE 2,5 Y/G  
40 08 190 143 640
- 18 - terminals DLD 2,5  
40 08 190 091 415
- 1 - End plate AP DLD  
40 08 190 180 508
- 17 - terminals WDK 2,5  
40 08 190 169 527
- 1 - End plate WAP DK 2,5  
40 08 190 101 954
- 6 - 10-pol cross connector Q10  
40 08 190 135 089
- 8 - end bracket EW35  
40 08 190 181 314

Terminals X2, operators panel



Terminals

Projektnavn:  
**Combi\_Cut\_2015\_02\_FX3G**

Næste Side: 24  
 Opr: 05-12-2014  
 Printdato: 22-06-2011  
 Side nr.: **23**

Tegnet: KL  
 Rettet: 25-04-2016  
 Side af: **26**