

# HG

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## SPARE PARTS



# HG COMBI CUT

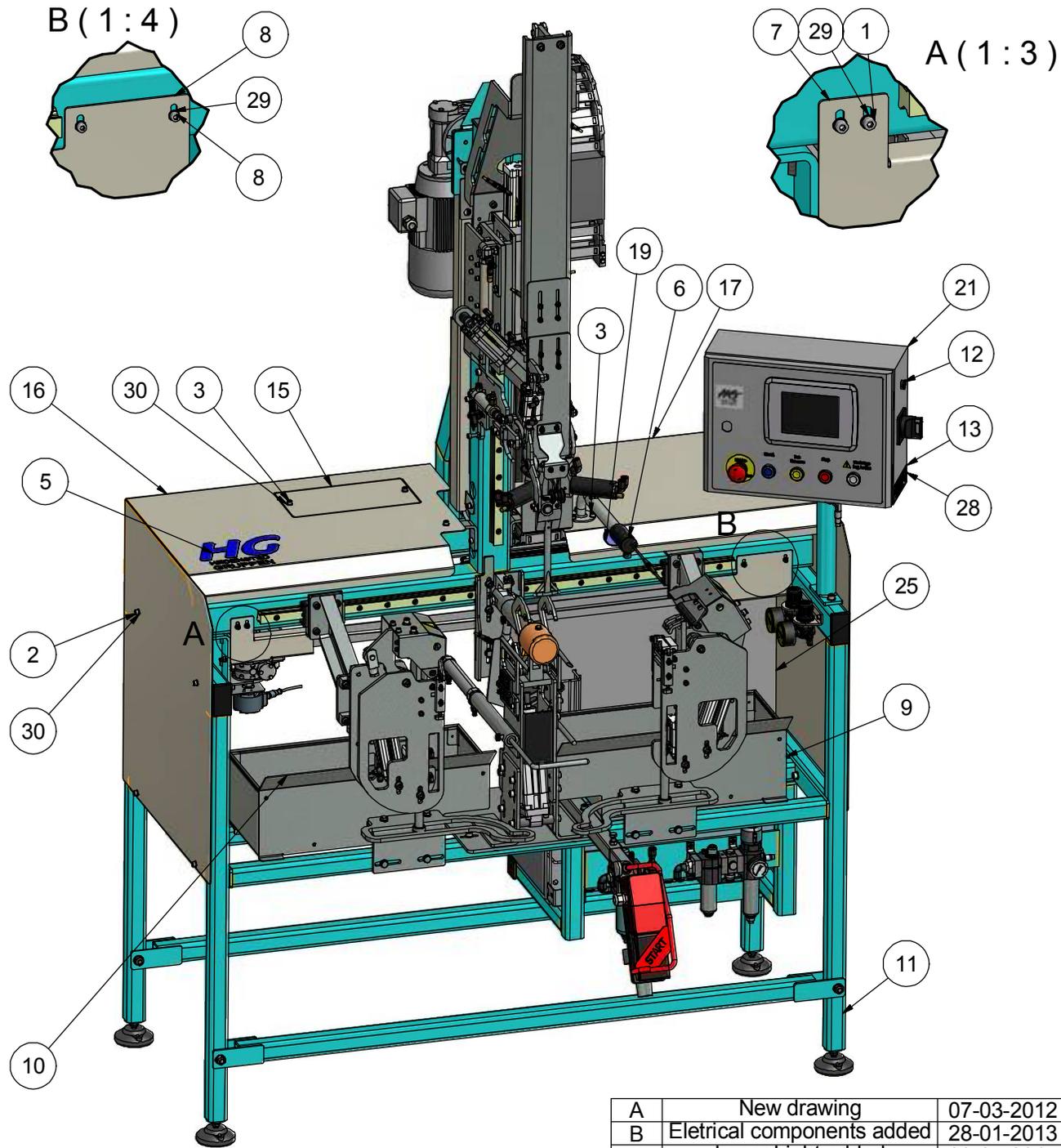
With touch



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

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



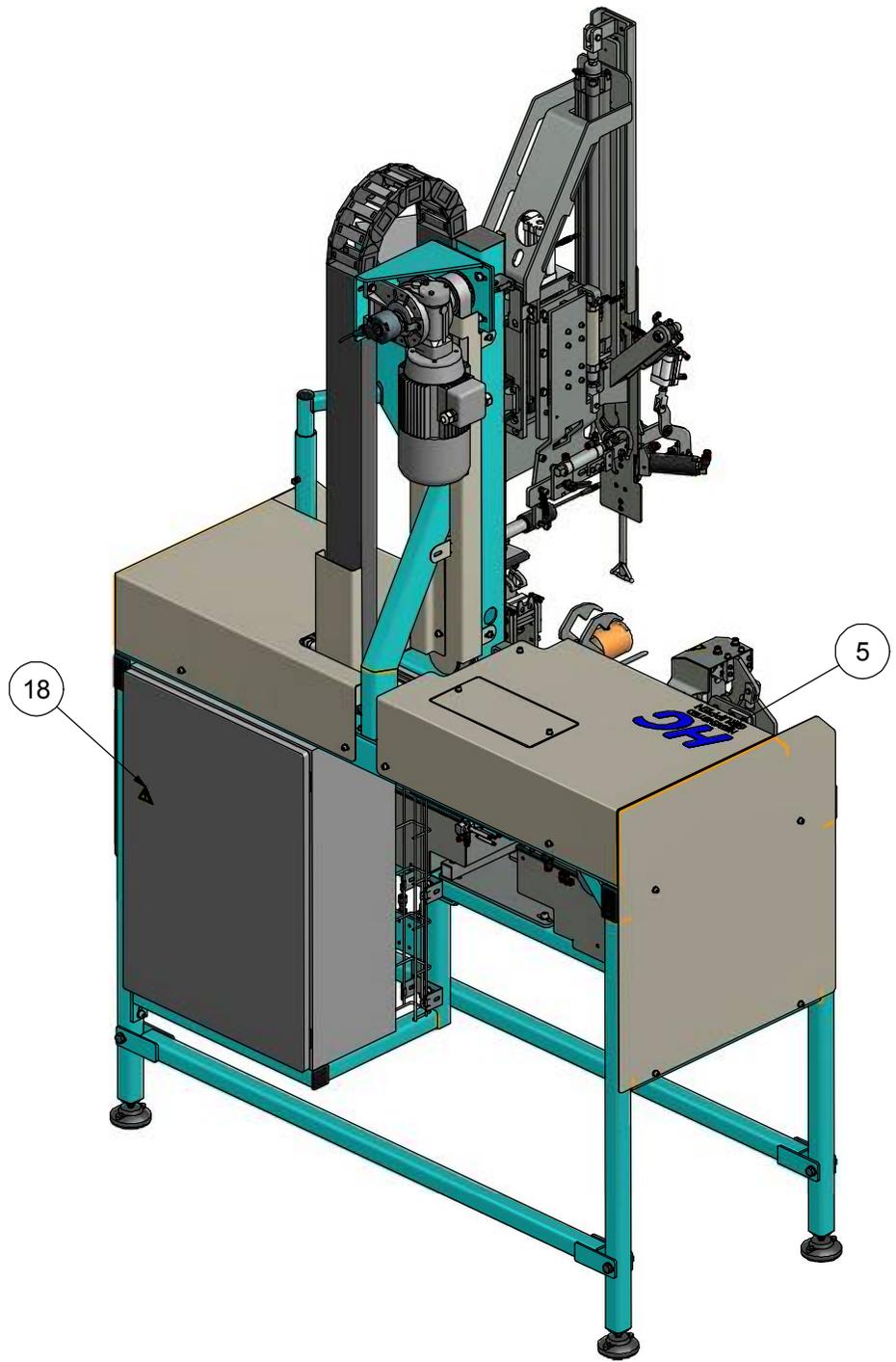
| PARTS LIST |       |             |                                   |
|------------|-------|-------------|-----------------------------------|
| ITEM       | QTY   | PART NUMBER | DESCRIPTION                       |
| 1          | 4     | 10205010    | Bolt.unbraco cyl.5x10 FZB         |
| 2          | 12    | 10206010    | Bolt unbrako cyl 6x10 FZB         |
| 3          | 5     | 10206016    | Bolt. unbraco cyl 6x16 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 for horisontial belt  |
| 8          | 1     | 207859      | Right screen for horisontial belt |
| 9          | 1     | 207970      | Right paw box                     |
| 10         | 1     | 207972      | Left paw box                      |
| 11         | 1     | 207999      | Base assembly2 combi cut          |
| 12         | 1     | 222342      | Magnet Actual 20mm round black    |
| 13         | 1     | 30040       | Id plate Combi cut 2010           |
| 14         | 1     | 30129       | Assembly of Electric system       |
| 15         | 1     | 30788       | Lid for cover                     |
| 16         | 1     | 30791       | Cover for machine Left side       |
| 17         | 1     | 30796       | Cover for machine right side      |
| 18         | 1     | 31006       | Warning sign High voltage         |
| 19         | 1     | 31010       | Warning sign, Ear protec.         |
| 20         | 0,1l  | 476560      | Oil VG 5 Q8 Dynebear 5            |
| 21         | 1     | 600303      | Cabinet assembly 300 x 400 x 150  |
| 22         | 5,0 m | 600528      | Cable OZ 4x0,75mm2                |
| 23         | 5,6 m | 600640      | Cable JZ 5G2,5mm2                 |
| 24         | 5,0 m | 600645      | Cable CY-JZ TR. 4G1,0mm2          |
| 25         | 1     | 600932      | Cabinet assembly - Combi cut      |
| 26         | 5,0 m | 601000      | Cable OZ 2x0,75mm2                |
| 27         | 2,6 m | 601005      | Cable JZ 12G 0,75                 |
| 28         | 2     | 7003208     | Pop rivet ø3.2x8mm                |
| 29         | 4     | 82105900    | Washer M5 FZB                     |
| 30         | 20    | 82106000    | Washer M6 FZB                     |

| REV | DESCRIPTION                | DATE       | APPROVED |
|-----|----------------------------|------------|----------|
| A   | New drawing                | 07-03-2012 | LL       |
| B   | Eletrical components added | 28-01-2013 | MRH      |
| C   | Laser Light added          | 03-04-2014 | MAC      |
| D   | Logo added                 | 10-09-2014 | KL       |

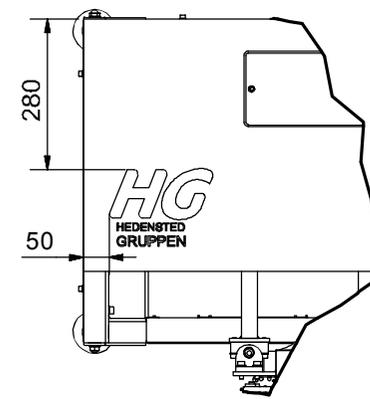
REVISION HISTORY

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|  |            | Overfl. beskaffenhed/Surface properties: No                                       | Sheet: 1/2     |
| Part No.: 207802                           | Material:  |   |                |
| Description: HG Combi Cut 2010 with laser- |            |   |                |
| Description: beam and quick presureshift   |            |   |                |

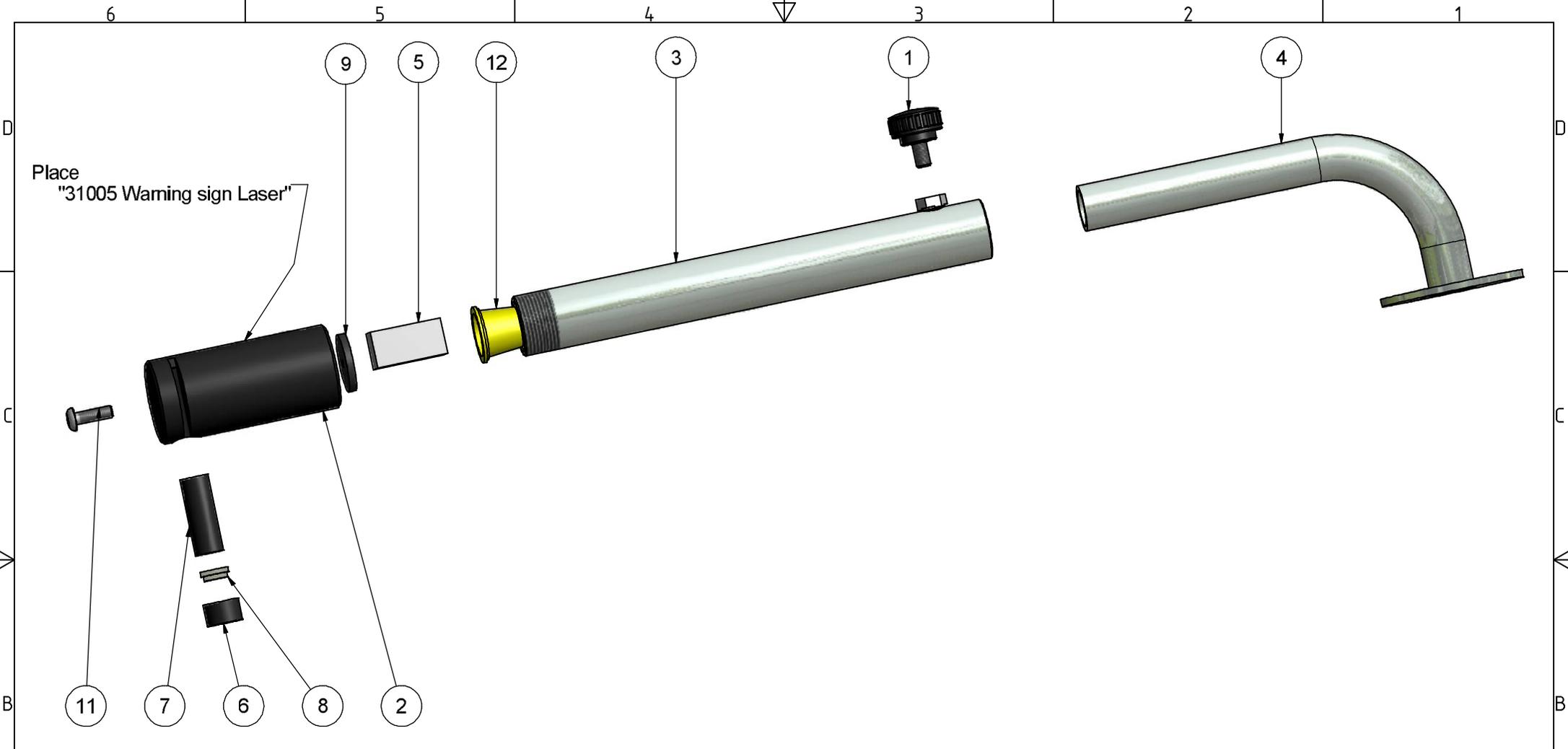


C ( 1 : 10 )



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|   |              |                               |           |   |   |             |        |       |
|---|--------------|-------------------------------|-----------|---|---|-------------|--------|-------|
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|   | Part No.:    | 207802                        | Material: |   | Overf. beskaffenhed/Surface properties: | No          | Sheet: | 2 / 2 |
|   | Description: | HG Combi Cut 2010 with laser- |           |   |   |             |        |       |
|   | Description: | beam and quick presureshift   |           |   |   |             |        |       |



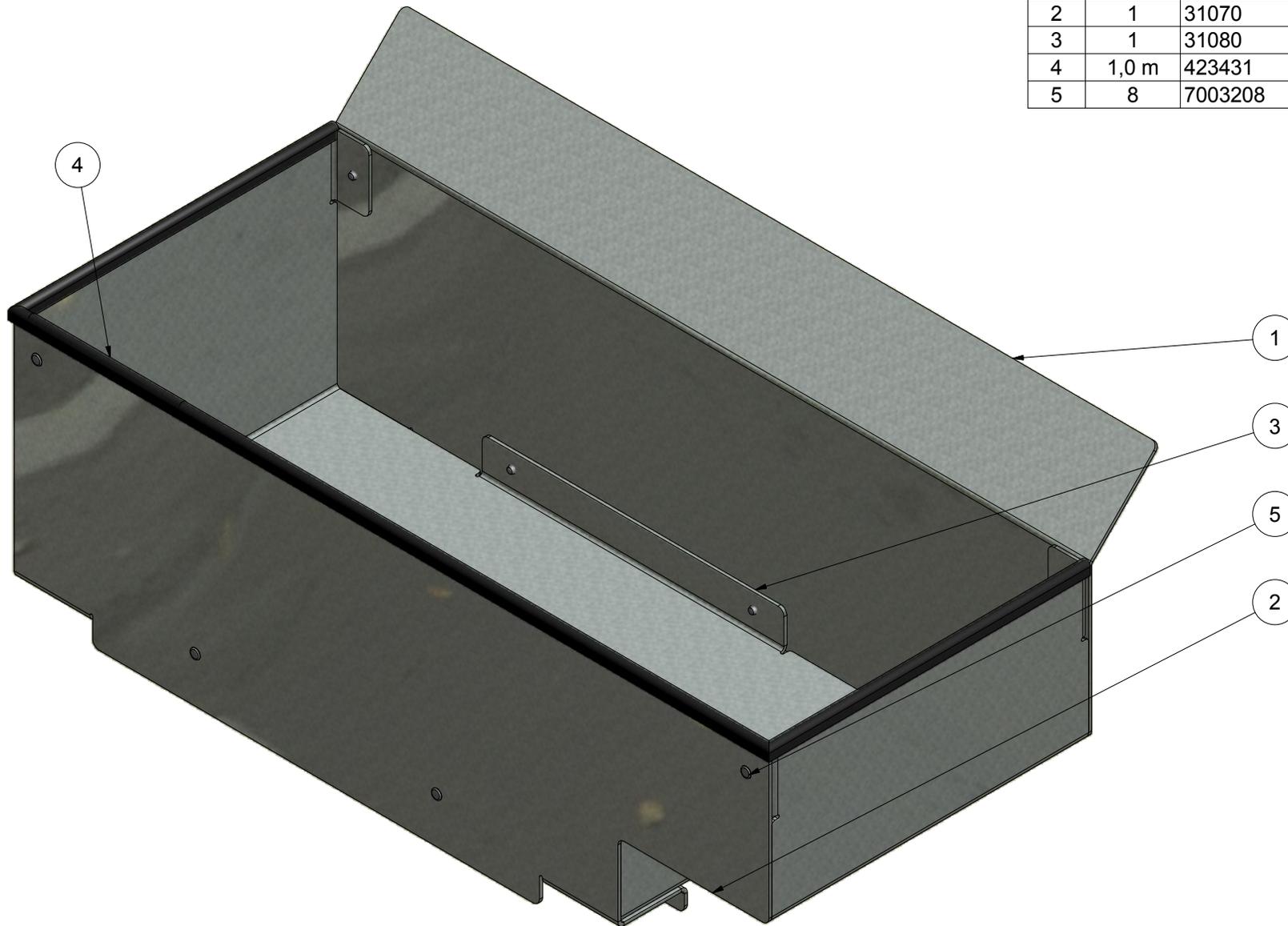
Parts List

| ITEM | QTY | PART NUMBER | DESCRIPTION                  |
|------|-----|-------------|------------------------------|
| 1    | 1   | 206681      | Finger screw B193-20 P M6x10 |
| 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-3CDC   |
| 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    | Bolt buttonhead 5x15 FZB     |
| 12   | 1   | M10382      | Conical plug 16mm            |

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|---|--|---------------------------------|-----------|---|------------------|
| This document is the property of HEDENSTED GRUPPEN A/S. |  |                                 | Scale:    | Ikke angivet tolerance iht/ Not specified tolerance according to: | Konst./Designed: |
|   |  |                                 |           | DS/ISO 2768-m   |                  |
|   |  |                                 |           | Overf. beskaffenhed/Surface properties:                           | Tegnet/Drafted:  |
|   |  |                                 |           |   |                  |
| Part No: 207808   |  | Udkøbt/Ordered according to:    | Material: | Date: 08-07-2008  |                  |
| Beskrivelse: Laser light set for CC & QC                |  |                                 |           |   |                  |
| Description:  |  |                                 |           |   |                  |
| Substans/Last created: KC                               |  | Substans/Last saved: 08-07-2008 |           | Sheet size: A3  | Sheet: 1 / 1     |

| REV | DESCRIPTION             | DATE       | APPROVED |
|-----|-------------------------|------------|----------|
| D   | 16mm plastic plug added | 28-10-2012 | KL       |
| C   | Renamed                 | 20-05-2010 | KC       |
| B   | Lenz added              | 08-07-2008 | KL       |
| A   | Made                    | 08-07-2008 | KC       |



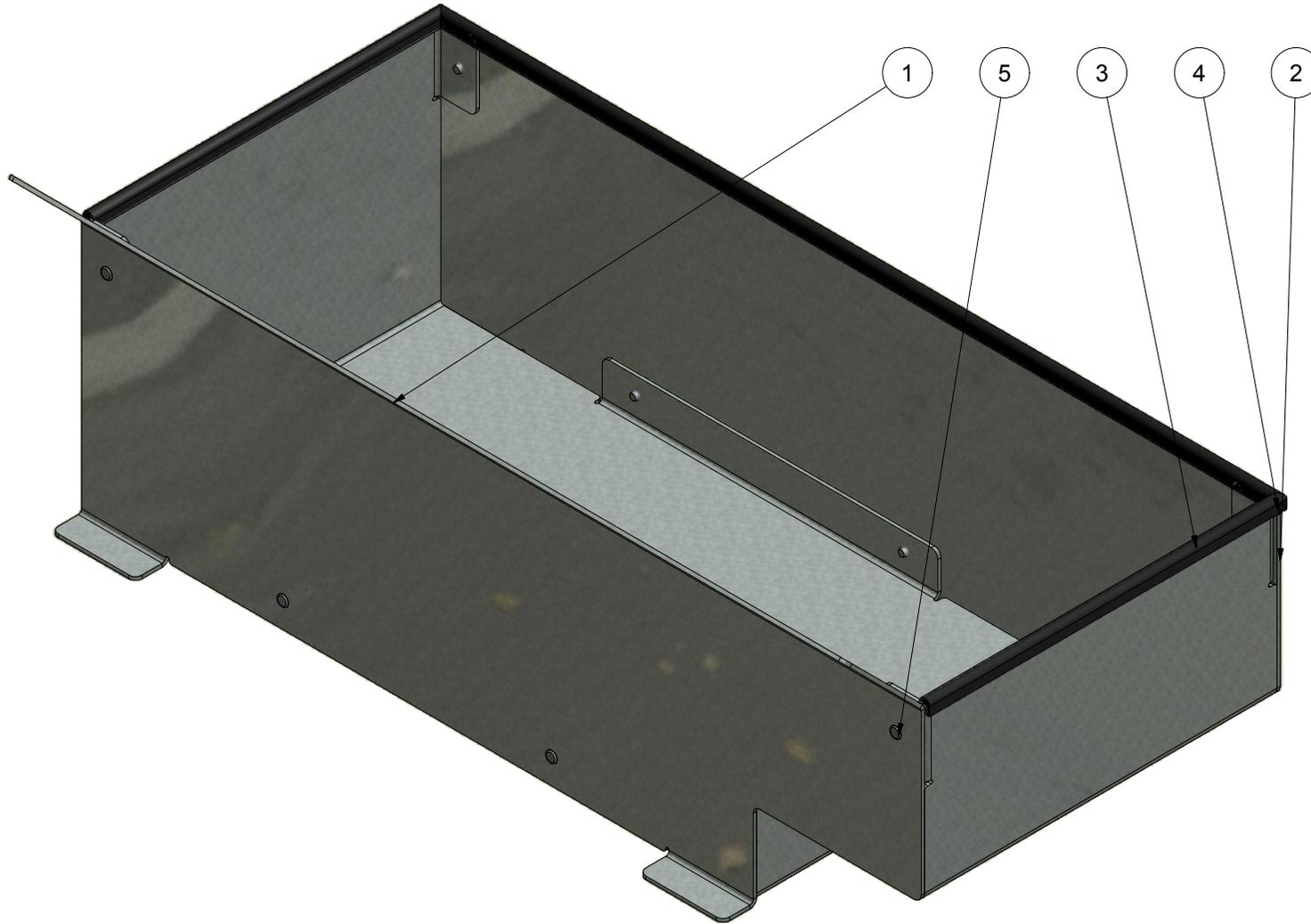
| Parts List |       |             |  |
|------------|-------|-------------|--|
| ITEM       | QTY   | PART NUMBER | DESCRIPTION                                    |
| 1          | 1     | 31060       | Part 3 for right paw box                       |
| 2          | 1     | 31070       | Part 2 for right 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

|  |   |              |   |                |
|--|---|--------------|---|----------------|
| <small>The information on this drawing is confidential and may not be disclosed to any third person.</small><br><b>HEDENSTED GRUPPEN A/S</b> | <b>HG</b>                               | Scale: 1 : 2 | Not specified tolerance according to: DS/ISO 2768-m | Sheet size: A3 |
|  | <small>HEDENSTED GRUPPEN</small>        |              | Surface properties:                                 | Sheet: 1/1     |
|  | Part No.: 207970                        | Material:    |   |                |
|  | Description 1:<br>Right paw box 2010 CC |              |   |                |
| Description 2:   |   |              |   |                |

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

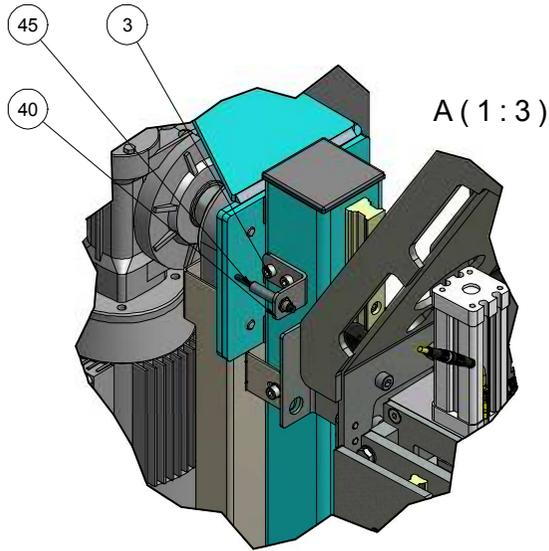
| Parts List |       |             |  |
|------------|-------|-------------|--|
| ITEM       | QTY   | PART NUMBER | DESCRIPTION                                    |
| 1          | 1     | 31065       | Part 3 for lift paw box                        |
| 2          | 1     | 31075       | Part 2 for left paw box                        |
| 3          | 1     | 31080       | Part 1 for paw box                             |
| 4          | 1,0 m | 423431      | Edge protection strip                          |
| 5          | 8     | 7003208     | Pop rivet $\varnothing 3.2 \times 8 \text{mm}$ |



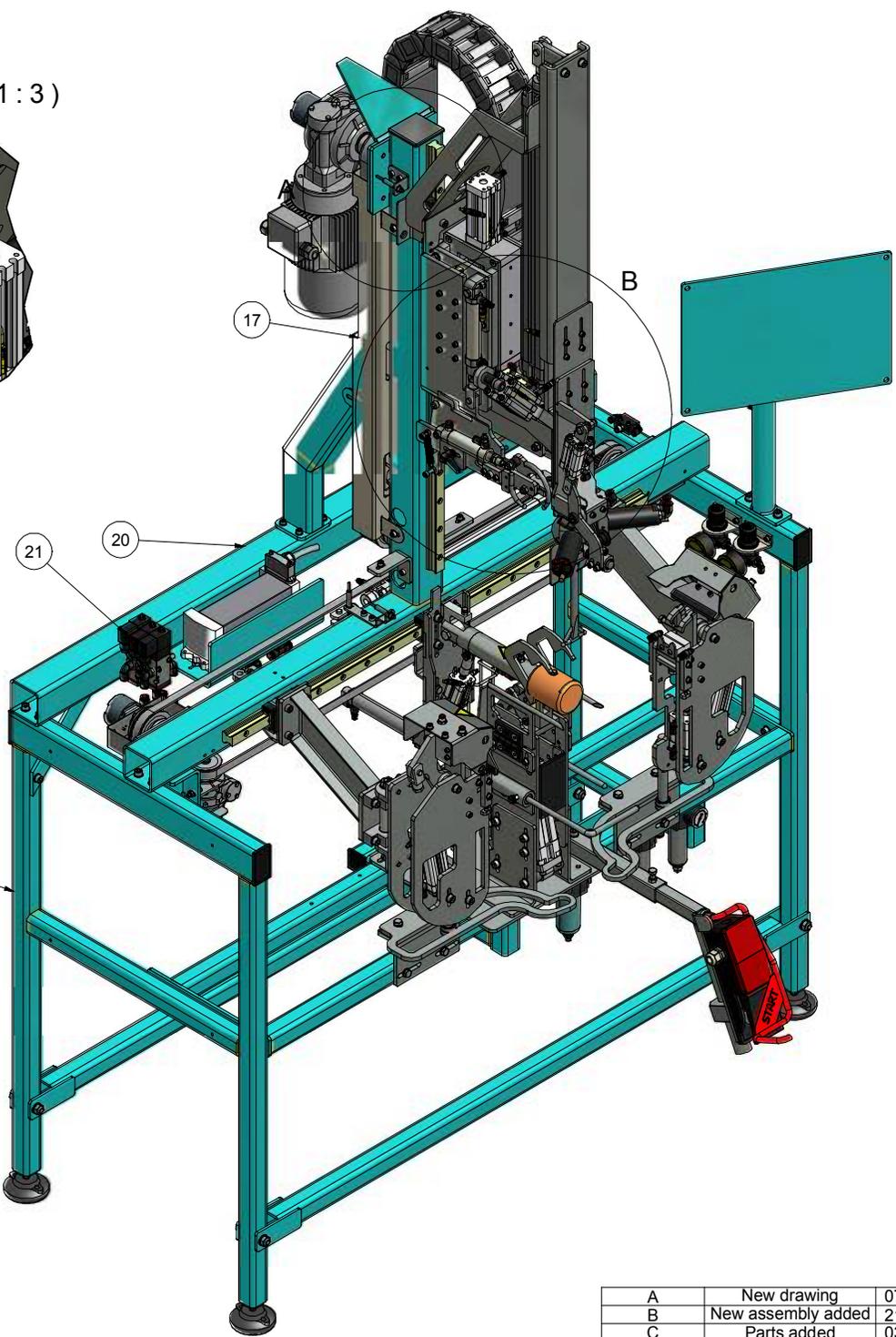
Break all edges

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

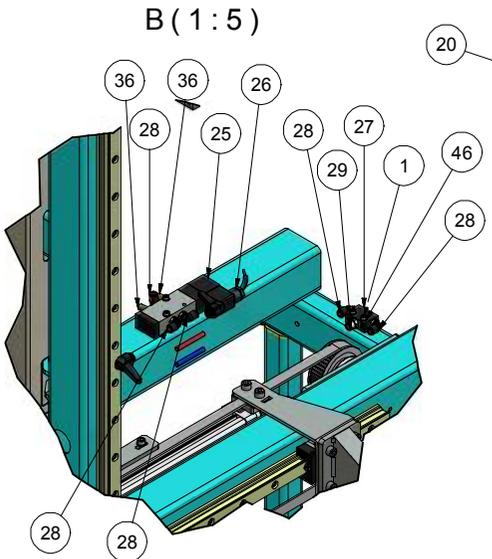
| Revision: | Approved | Date:      | Revision Description        |
|-----------|----------|------------|-----------------------------|
| 1         | HG       | 28-09-2015 | Revision changed to numeric |



A (1:3)



B



B (1:5)

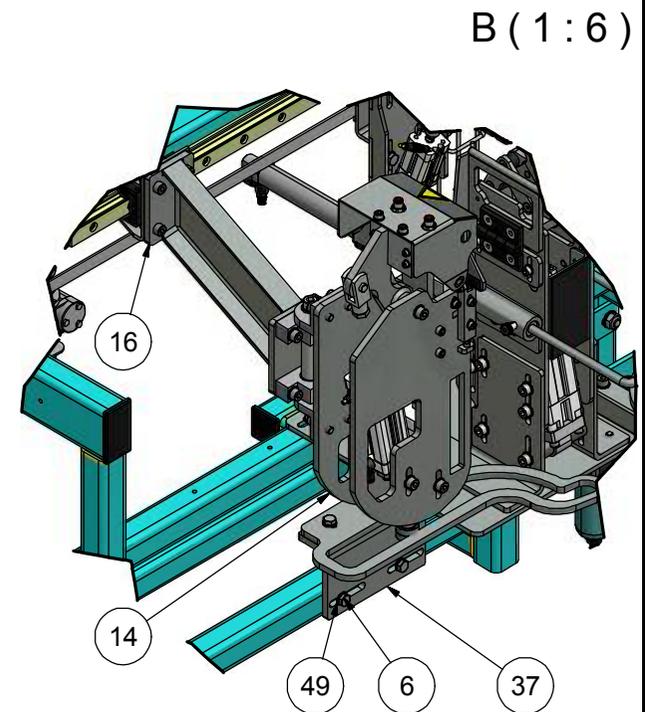
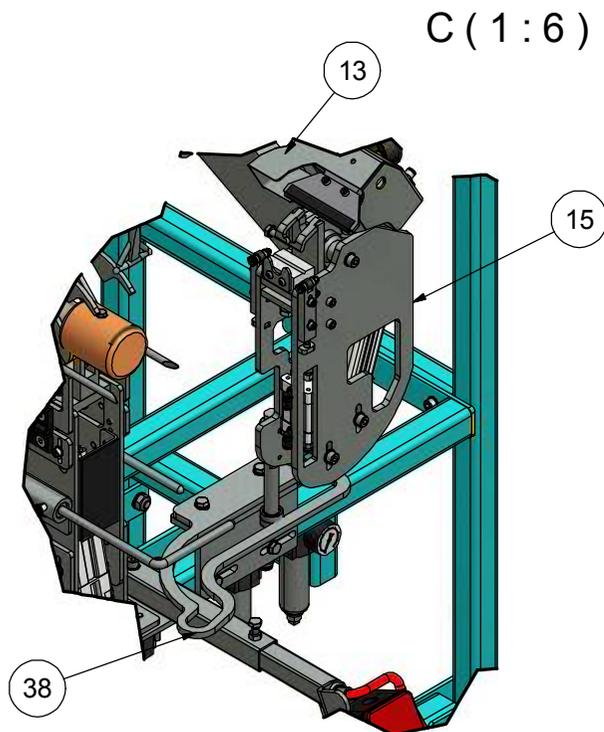
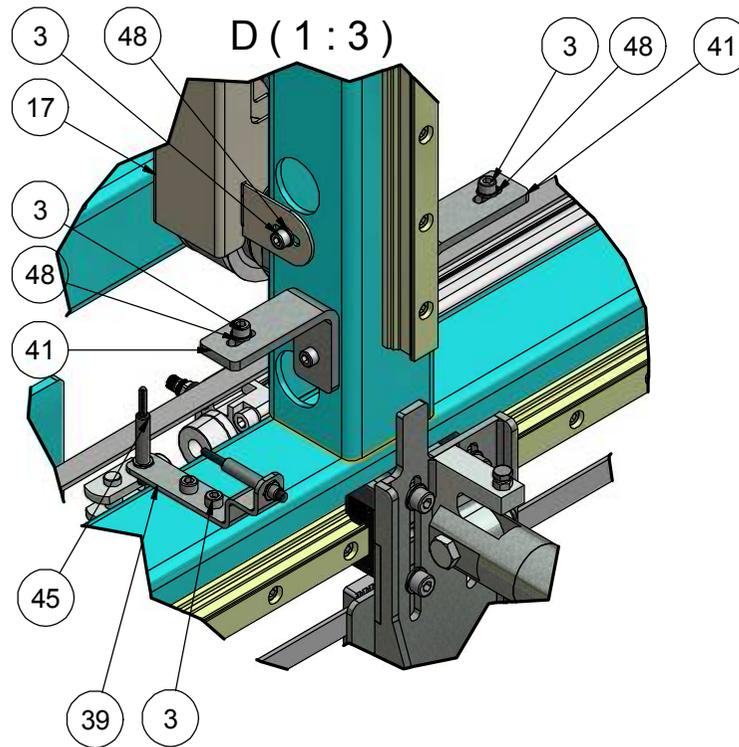
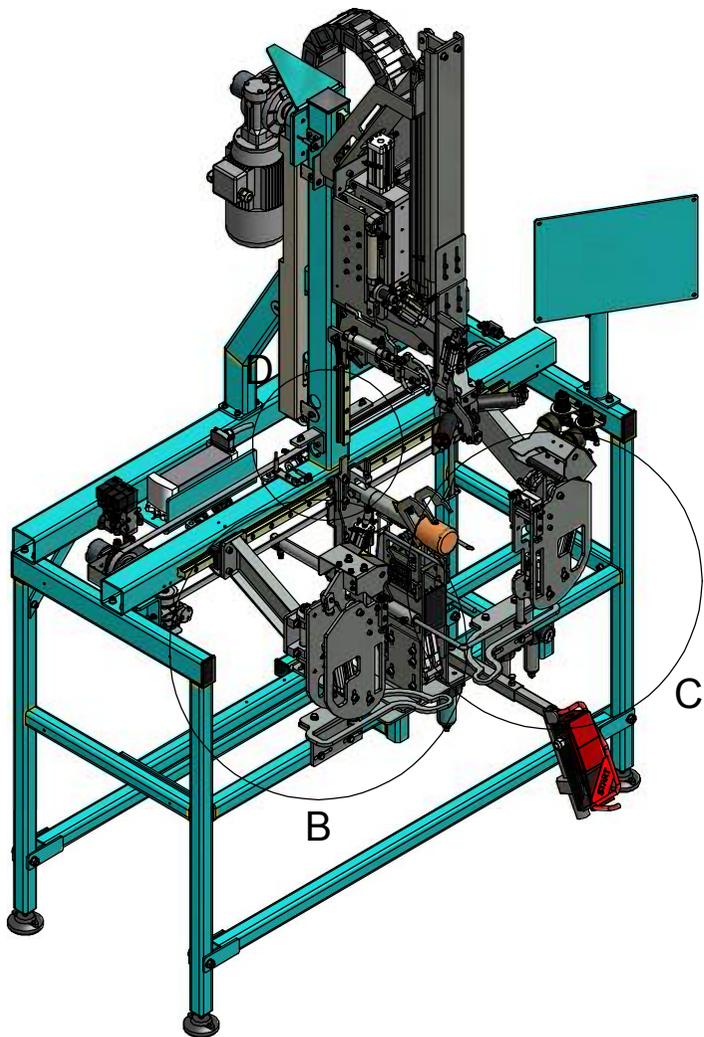
| PARTS LIST |         |             |                                    |
|------------|---------|-------------|------------------------------------|
| ITEM       | QTY     | PART NUMBER | DESCRIPTION                        |
| 1          | 4       | 10204030    | Bolt.unbraco cyl 4x30 FZB          |
| 2          | 4       | 10205010    | Bolt.unbraco cyl.5x10 FZB          |
| 3          | 12      | 10206016    | Bolt. unbraco cyl 6x16 FZB         |
| 4          | 8       | 10208025    | Bolt Unbrako Cyl. 8x25 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 4x10 FZB       |
| 11         | 1       | 207952      | Igus energy chain 33 links         |
| 12         | 1       | 207953      | Mountingbrackets Igus              |
| 13         | 1       | 207962      | Assembly arm - pull pawholder 2010 |
| 14         | 1       | 207971      | Pawsystem_2010 left side           |
| 15         | 1       | 207975      | Pawsystem_2010, right side         |
| 16         | 1       | 207977      | Arm for pull pawholders left 2010  |
| 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 assembly1 combi cut           |
| 21         | 1       | 210183      | Valve assembly                     |
| 22         | 1       | 210184      | Assembly VM10 valve for CC2010     |
| 23         | 1       | 210187      | Filter assembly                    |
| 24         | 1       | 210188      | Filter regulator unit              |
| 25         | 1       | 215042      | G 1/8 Magnetvalve 5/2. 24 V        |
| 26         | 1       | 215184      | Socket 22mm with 3m wire           |
| 27         | 1       | 215405      | Shutter valve G1/8                 |
| 28         | 5       | 215760      | Swirvel elbow Ø6mm 1/8"            |
| 29         | 1       | 215925      | Straight connector Ø6 mm G1/8"     |
| 30         | 15,00 m | 216104      | Air hose Ø4mm pur red              |
| 31         | 15,00 m | 216106      | Air hose Ø4mm pur blue             |
| 32         | 46,50 m | 216116      | Air hose Ø6mm pur red              |
| 33         | 31,80 m | 216118      | Air hose Ø6mm Pur blue             |
| 34         | 10,0 m  | 216124      | Air hose Ø8mm blue                 |
| 35         | 2 m     | 216126      | Air hose Ø10mm pur white           |
| 36         | 2       | 216796      | Silencer 1/8" T40C-1800            |
| 37         | 1       | 30381       | Assembly curve for pawholder left  |
| 38         | 1       | 30382       | Assembly curve for pawholder right |
| 39         | 1       | 30545       | Bracket for sensor, pawstretch     |
| 40         | 1       | 30562       | Bracket for sensor                 |
| 41         | 2       | 30786       | Bracket for right cover            |
| 42         | 1       | 30822       | Bracket for energichain            |
| 43         | 4,0 m   | 600595      | Spiral pipe SPS25                  |
| 44         | 0,4 m   | 600600      | Spiral pipe SPS35                  |
| 45         | 3       | 600660      | Sensor inductive M8 PNP No 2,5mm   |
| 46         | 4       | 82104000    | Washer M4 FZB                      |
| 47         | 12      | 82105900    | Washer M5 FZB                      |
| 48         | 7       | 82106000    | Washer M6 FZB                      |
| 49         | 13      | 82108000    | Washer M8 FZB                      |

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|                 |                                       |                                     |                |
|-----------------|---------------------------------------|-------------------------------------|----------------|
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|                 |                                       | Overl. basissystem/Seriennummer: No | Sheet: 1/4     |
| Part No: 207999 | Description: Base assembly2 combi cut |                                     |                |

| REV | DESCRIPTION        | DATE       | APPROVED |
|-----|--------------------|------------|----------|
| A   | New drawing        | 07-03-2012 | LL       |
| B   | New assembly added | 21-12-2012 | MRH      |
| C   | Parts added        | 03-04-2014 | MAC      |

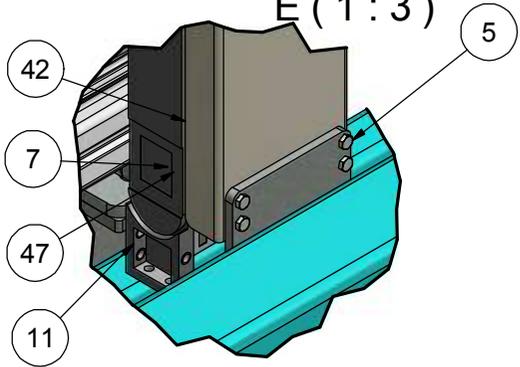
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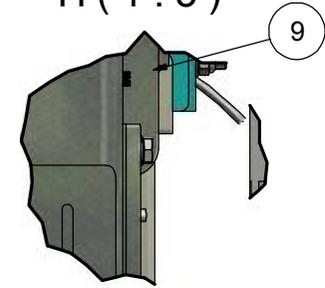
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|  | Hedensted Gruppen                     |            | Overfl. beskaffenhed/Surface properties: No                                       | Sheet: 2/4     |  |
|  | Part No.: 207999                      | Material:  |   |                |  |
|  | Description: Base assembly2 combi cut |            |   |                |  |

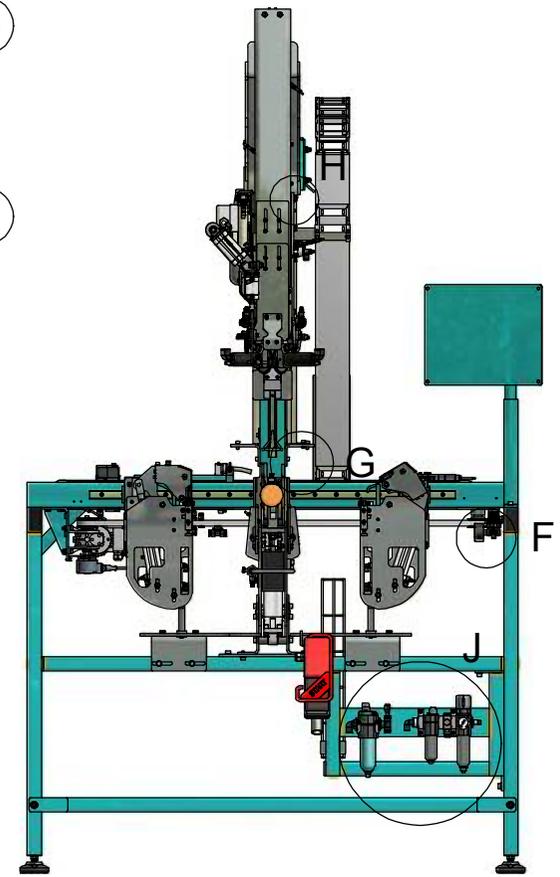
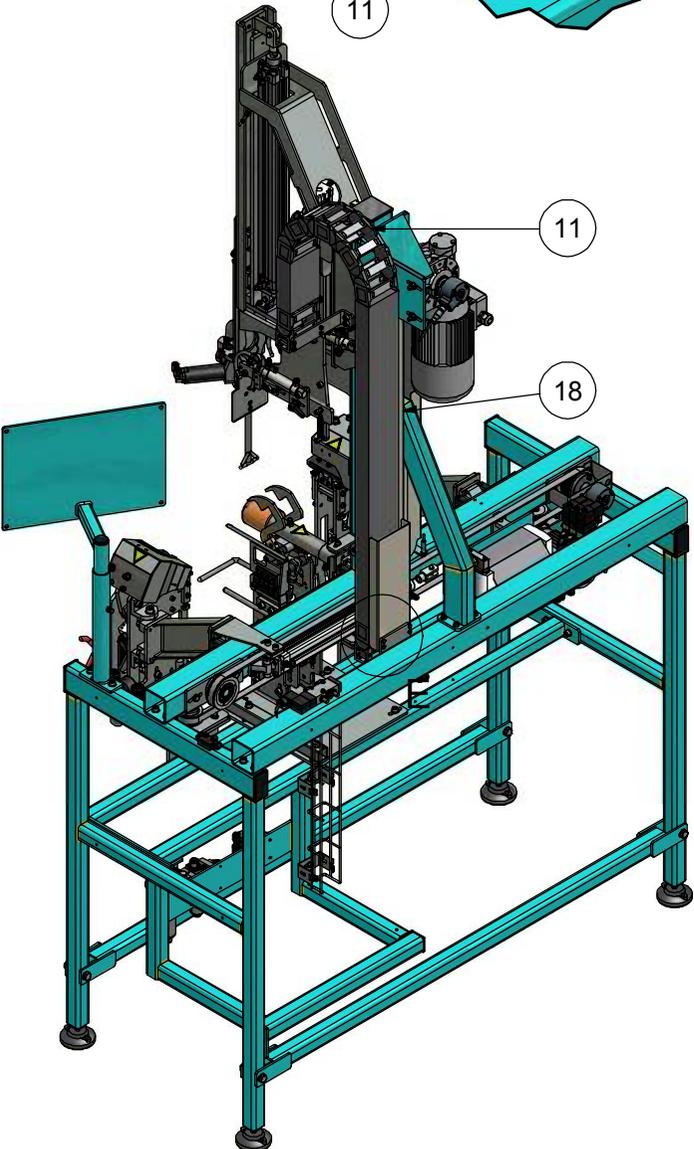
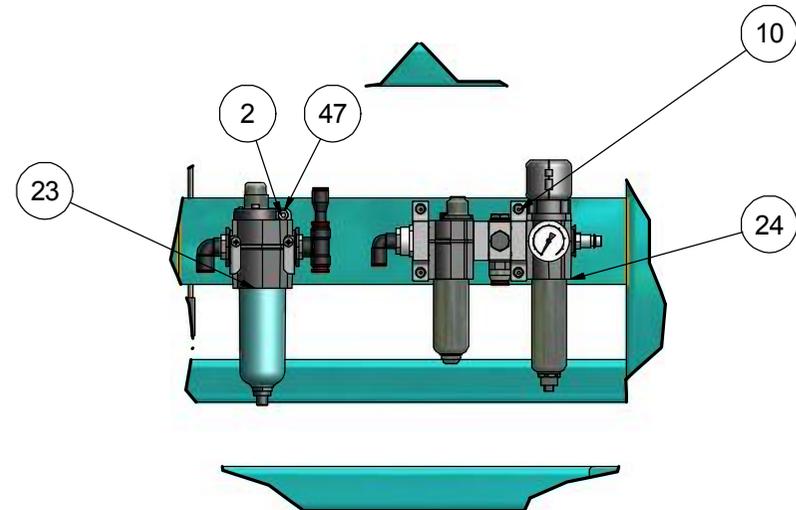
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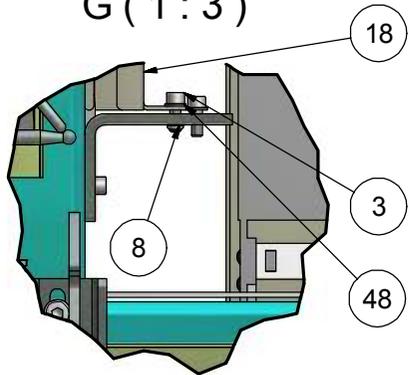
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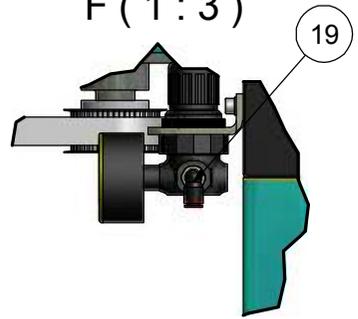
J (1:5)



G (1:3)

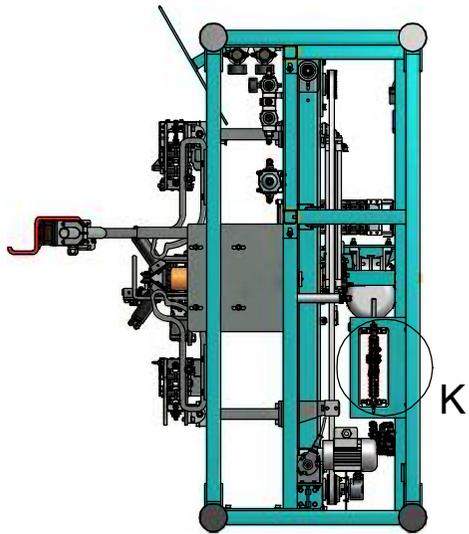


F (1:3)



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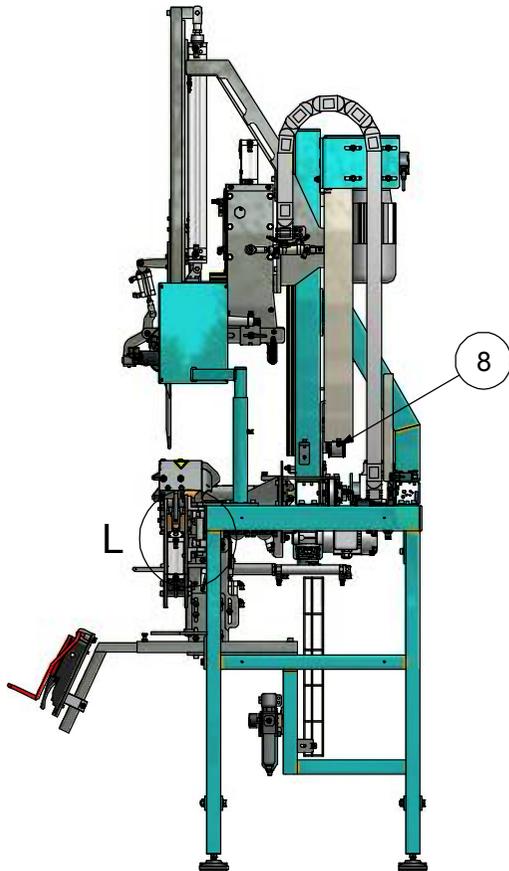
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|  |              |                          | DS/ISO 2768-m   | Sheet:      | 3/4 |
|  | Part No.:    | 207999                   | Overfl. beskaffenhed/Surface properties:                            | No          |     |
|  | Description: | Base assembly2 combi cut |   |             |     |



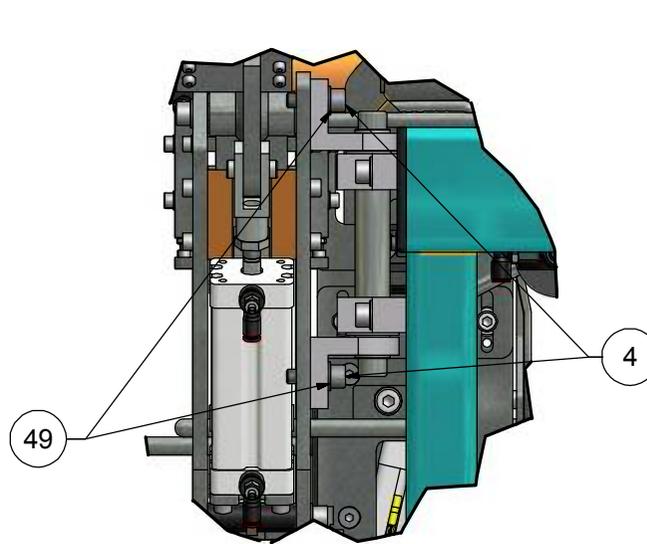
K

L (1:3)

K (1:3)

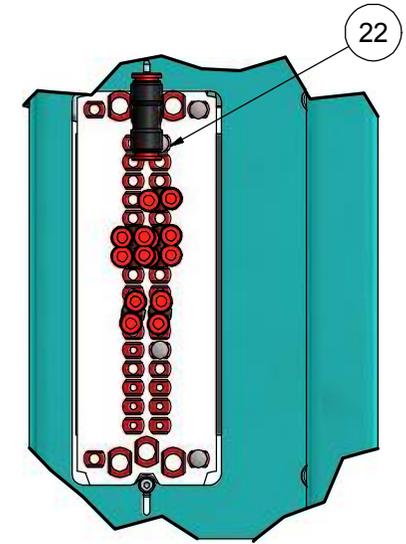


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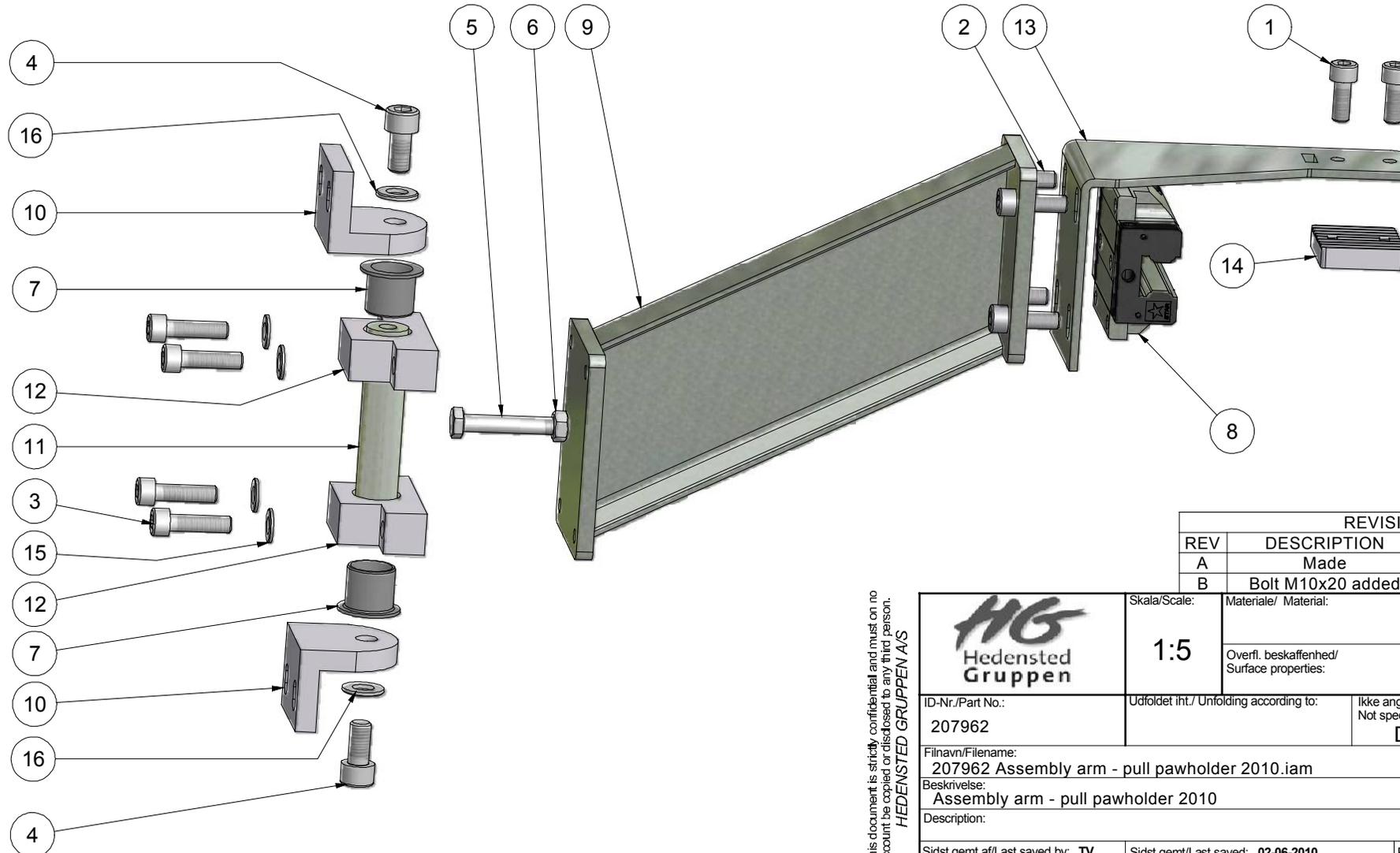
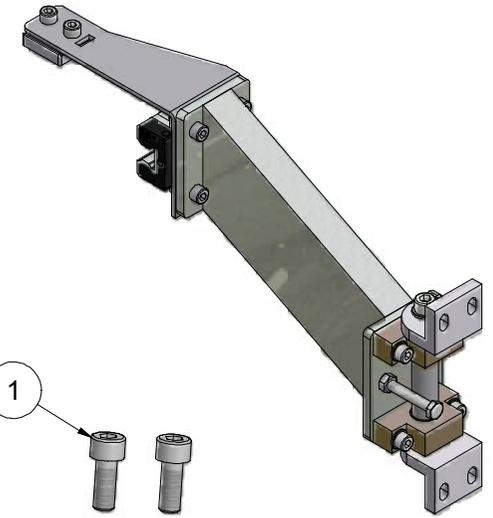


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|   | 1:6                      | DS/ISO 2768-m   | A3          |
|   |                          | Overfl. beskaffenhed/Surface properties:                            | Sheet:      |
|   | No                       | 4/4   |             |
| Part No.:   | 207999                   |   |             |
| Description:  | Base assembly2 combi cut |   |             |
| Description:  |                          |   |             |

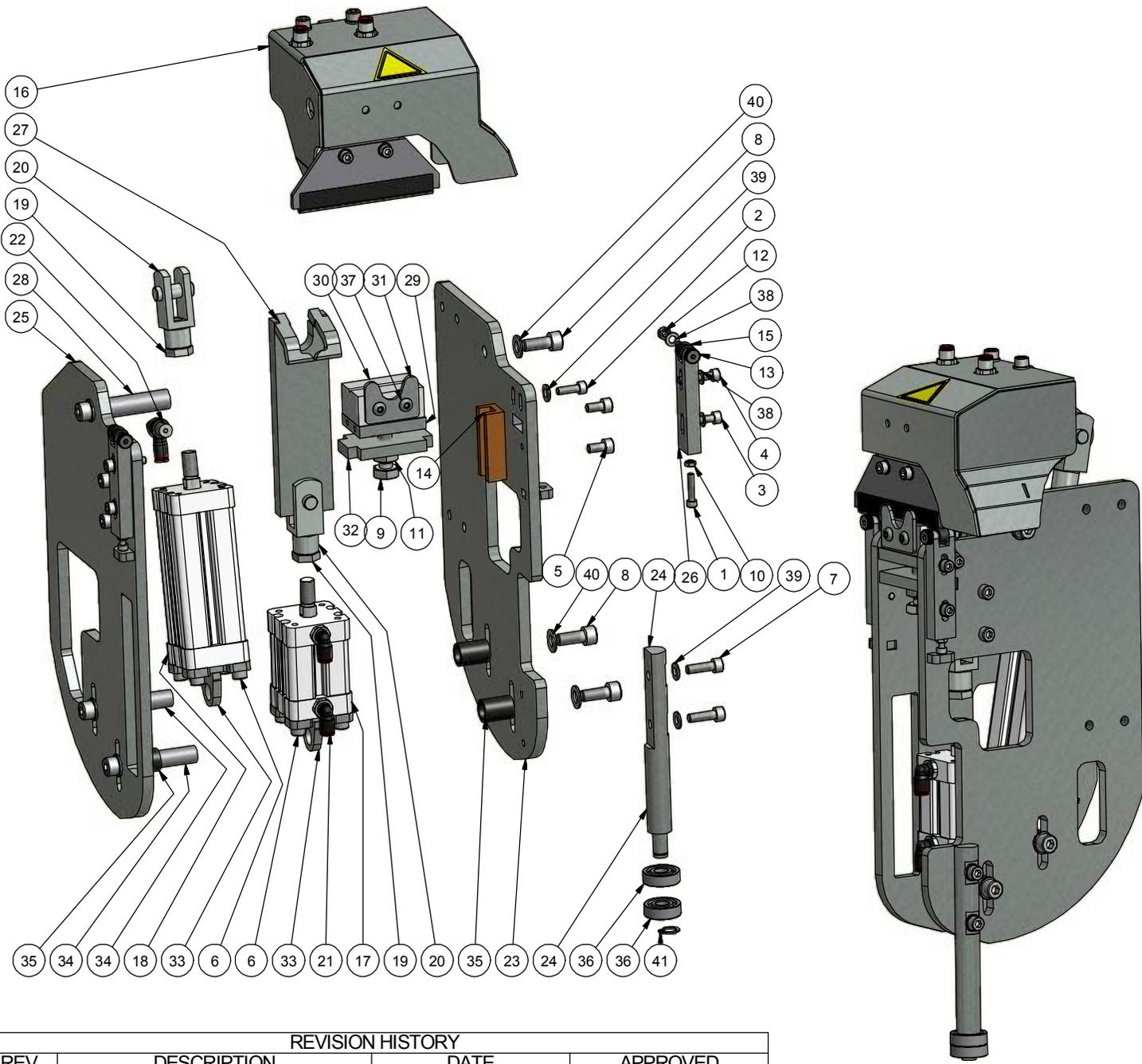
| Parts List |     |             |                            | Parts List |     |             |                               |
|------------|-----|-------------|----------------------------|------------|-----|-------------|-------------------------------|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                | ITEM       | QTY | PART NUMBER | DESCRIPTION                   |
| 1          | 2   | 10208020    | Bolt.unbraco cyl 8x20 FZB  | 9          | 1   | 30335       | Right arm for pawholder       |
| 2          | 4   | 10208025    | Bolt Unbrako Cyl. 8x25 FZB | 10         | 2   | 30400       | Hinge for pawlock             |
| 3          | 4   | 10208030    | Bolt Unbrako cyl. 8x30 FZB | 11         | 1   | 30410       | Shaft for hinge - pawholder   |
| 4          | 2   | 10210020    | Bolt unbraco cyl 10x20 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 Bearing GFM-2023-21  | 15         | 4   | 82108000    | Washer M8 FZB                 |
| 8          | 1   | 222300      | Ball runner block size 25  | 16         | 2   | 82110000    | Washer M10 FZB                |



| REVISION HISTORY |                   |            |          |
|------------------|-------------------|------------|----------|
| REV              | DESCRIPTION       | DATE       | APPROVED |
| A                | Made              | 02-06-2010 | KC       |
| B                | Bolt M10x20 added | 03-12-2010 | KC       |

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**HEDENSTED GRUPPEN A/S**

|  |  |  |                          |  |
|--|--|--|--------------------------|--|
|  | Skala/Scale:                           | Materiale/ Material:   |                          | Vægt/Weight:                               |
|  | 1:5                                    | Overfl. beskaffenhed/<br>Surface properties:                           |                          | 3,75 kg                                    |
| ID-Nr./Part No.:   | Udfoldet iht./ Unfolding according to: | Ikke angivet tolerancer iht./<br>Not specified tolerance according to: | Tegnet/Drafted:          | Konst./Designed:<br>TV                     |
| 207962   |  | DS/ISO 2768-m  | Thomas Vittrup           |  |
| Filnavn/Filename:<br>207962 Assembly arm - pull pawholder 2010.iam |  |  | Dato/Date:<br>02-06-2010 |  |
| Beskrivelse:<br>Assembly arm - pull pawholder 2010                 |  |  |                          |  |
| Description:   |  |  |                          |  |
| Sidst gemt af/Last saved by: TV                                    |  | Sidst gemt/Last saved: 02-06-2010                                      |                          | Papirstørrelse/Sheet size: A3 sheet 1 of 2 |

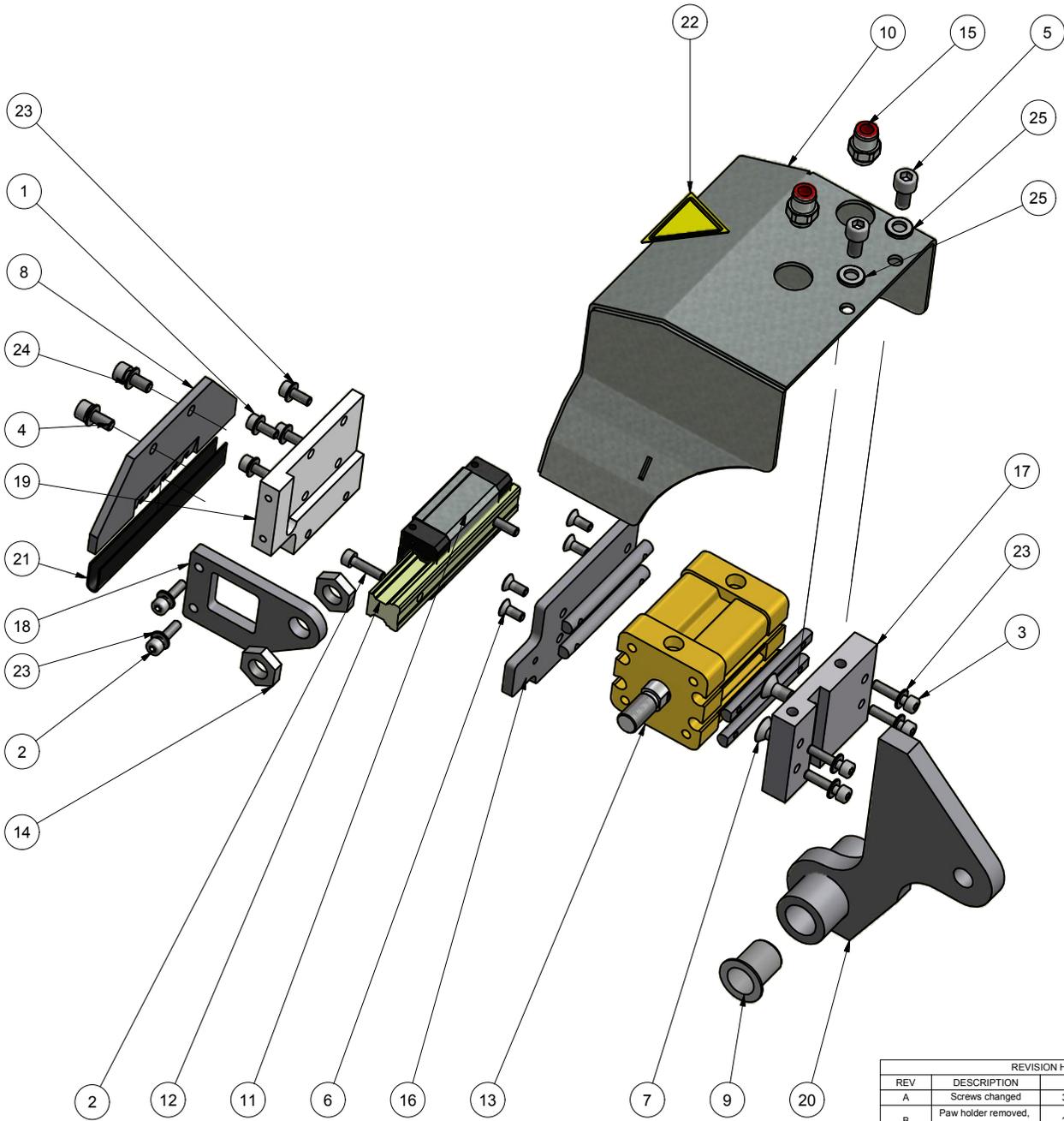


| Parts List |     |             |   |
|------------|-----|-------------|---|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                               |
| 1          | 2   | 10204020    | Bolt.unbraco cyl 4x20 FZB                 |
| 2          | 4   | 10205016    | Bolt unbrako cyl 5x16 FZB                 |
| 3          | 2   | 10205020    | Bolt unbrako cyl 5x20 FZB                 |
| 4          | 2   | 10205025    | Bolt unbrako cyl 5x25 FZB                 |
| 5          | 4   | 10206012    | Bolt unbrako cyl 6x12 FZB                 |
| 6          | 8   | 10206016    | Bolt. unbraco cyl 6x16 FZB                |
| 7          | 2   | 10206020    | Bolt unbraco cyl 6x20 FZB                 |
| 8          | 6   | 10208020    | Bolt.unbraco cyl 8x20 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 with bushing           |
| 16         | 1   | 207969      | Pawcut system_2010 - Left                 |
| 17         | 1   | 210320      | Cylinder RA/192032/M/25                   |
| 18         | 1   | 210340      | Cylinder RA/192032/M/80                   |
| 19         | 2   | 210427      | Lock nut MP150189_M10x1,25                |
| 20         | 2   | 214115      | F-Joint QM-8025-25                        |
| 21         | 2   | 215760      | Swirvel elbow Ø6mm 1/8"                   |
| 22         | 2   | 215985      | Banjo flow control Ø4 1/8"                |
| 23         | 1   | 30356       | Assembly back plate for paw system, left  |
| 24         | 1   | 30375       | Shaft for turning, pawsystem              |
| 25         | 1   | 30396       | Assembly, front plate for pawsystem, left |
| 26         | 2   | 30455       | Bracket for stop, pawknife                |
| 27         | 1   | 30491       | Paw clamp assembly                        |
| 28         | 1   | 30566       | Shaft for turning pawcut                  |
| 29         | 1   | 30570       | Plate for mounting pawgrib block          |
| 30         | 1   | 30575       | Block for pawgrib                         |
| 31         | 1   | 30576       | Bracket for pawposition                   |
| 32         | 1   | 30580       | Adjustmentplate for pawgrib               |
| 33         | 2   | 30641       | Assembly bracket for ø32cylinder          |
| 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    | Bolt buttonhead 5x12 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 din 471         |

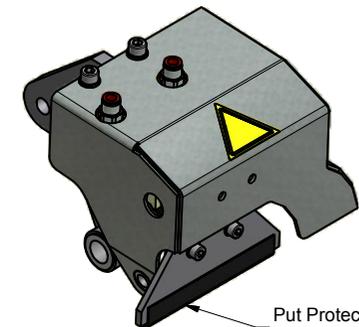
| REVISION HISTORY |                              |            |          |
|------------------|------------------------------|------------|----------|
| REV              | DESCRIPTION                  | DATE       | APPROVED |
| D                | New drawing                  | 28-05-2010 | KL       |
| E                | Placement of loctite updated | 03-12-2010 | KC       |
| F                | Washers M6 removed           | 31-10-2012 | LL       |
| G                | Sheet size changed           | 22-01-2013 | MRH      |

Alle kanter reifes  
Breake all edges

|   |                  |  |   |                |
|---|------------------|--|---|----------------|
| HEDENSTED GRUPPEN A/S<br>HEDENSTED GRUPPEN A/S<br>HEDENSTED GRUPPEN A/S |                  | Scale: 1:2,5                             | Iske angivet tolerancer iht./ Not specified tolerance according to: | Sheet size: A3 |
|   | Part No.: 207971 | Overfl. beskaffethed/Surface properties: | Material:   | Sheet: 1/2     |
| Description: Pawsystem 2010 left side                                   |                  |  |   |                |
| Description:  |                  |  |   |                |



| Parts List |     |             |                                      |  |
|------------|-----|-------------|--------------------------------------|--|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                          |  |
| 1          | 4   | 10204010    | Bolt.unbraco cyl 4x10 FZB            |  |
| 2          | 4   | 10204016    | Bolt.unbraco cyl 4x16 FZB            |  |
| 3          | 4   | 10204018    | Bolt.unbraco cyl 4x18 FZB            |  |
| 4          | 2   | 10205012    | Bolt unbrako cyl 5x12 FZB            |  |
| 5          | 2   | 10206012    | Bolt unbrako cyl 6x12 FZB            |  |
| 6          | 4   | 20404010    | Hexagon countersunk 4x10 FZB         |  |
| 7          | 2   | 20406012    | Hexagon countersunk 6x12 FZB         |  |
| 8          | 1   | 207825      | Paw knife CC HSS110-62-40-4mm        |  |
| 9          | 2   | 207840      | Slide Bearing GFM-1416-21            |  |
| 10         | 1   | 207976      | Left Screen for paw blow             |  |
| 11         | 1   | 207982      | Ball runner block size 15            |  |
| 12         | 1   | 207984      | Ball guide rail size 15-95           |  |
| 13         | 1   | 210330      | Cylinder RA/192032/M/20              |  |
| 14         | 2   | 210427      | Lock nut MP150189_M10x1,25           |  |
| 15         | 2   | 215925      | Straight connector Ø6mm 1/8"         |  |
| 16         | 1   | 30237       | Mountingplate for left pawknife rail |  |
| 17         | 1   | 30238       | Top for console, pawknife            |  |
| 18         | 1   | 30250       | Bracket for pawknife                 |  |
| 19         | 1   | 30285       | Mountingpiece for left 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 6,5x64-M4                 |  |

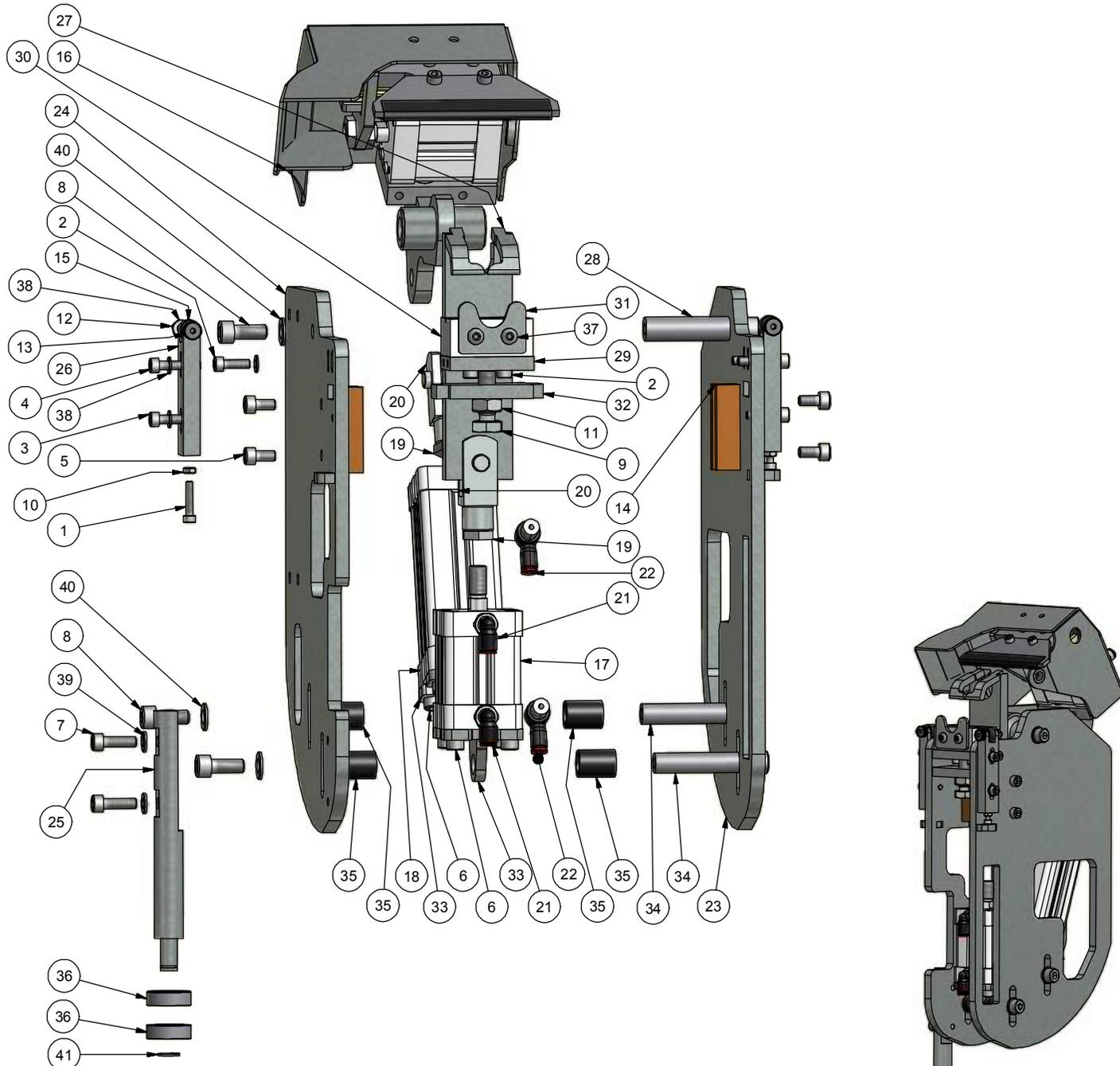


Break all edges  
Alle kanter reifes

Put Protection strip for  
protection during assembling

| REVISION HISTORY |                                 |            |          |
|------------------|---------------------------------|------------|----------|
| REV              | DESCRIPTION                     | DATE       | APPROVED |
| A                | Screws changed                  | 30-10-2012 | LL       |
| B                | Paw holder removed, label added | 23-01-2013 | MRH      |
| C                | Groove nut changed              | 06-01-2015 | KL       |

|  |  |  |  |                       |
|--|--|--|--|-----------------------|
| This document is a factory confidential and not to be<br>distributed outside HEDENSTED GRUPPEN A/S |  | Scale:<br>1:2                          | Ikke angivet tolerancer iht./ Not specified tolerance according to:<br>DS/ISO 2768-m | Konst./Designed:      |
|  |  |  | Overfl. beskaffenhed/Surface properties:   | Tegnet/Drafted:<br>KL |
|  | Part No.: 207969                       | Udfoldet iht./ Unfolding according to: | Material:  | Date:<br>26-05-2010   |
|  | Beskrivelse: Pawcut system_2010 - Left |  |  |                       |
| Description: Combi / Quick cut   |  |  |  |                       |
| Sidet gemt af/Last saved by: KL  | Sidet gemt/Last saved: 26-05-2010      | Sheet size: A3                         | Sheet 1 / 2  |                       |

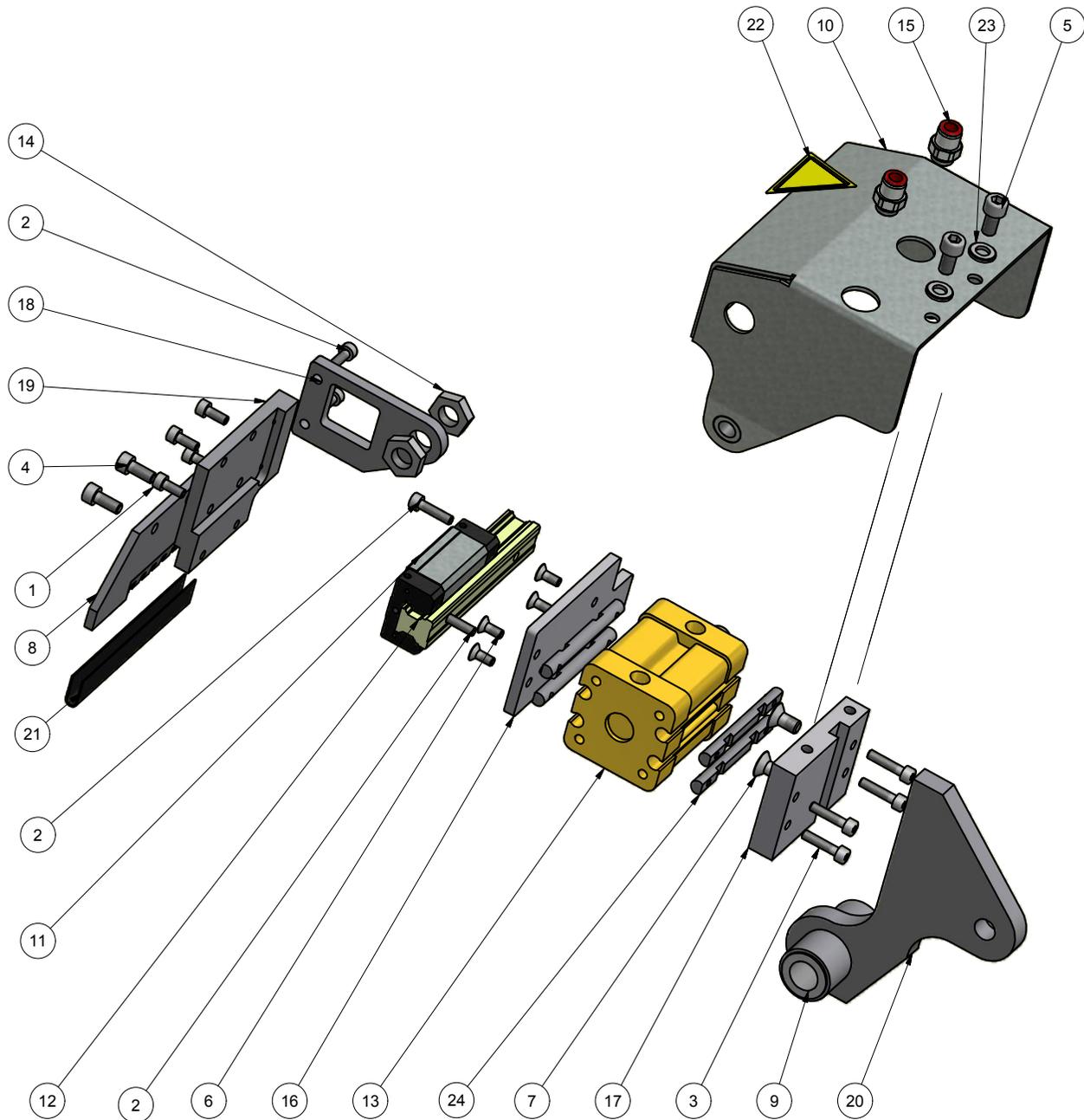


| Parts List |     |             |  |  |
|------------|-----|-------------|--|--|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                                |  |
| 1          | 2   | 10204020    | Bolt.unbraco cyl 4x20 FZB                  |  |
| 2          | 4   | 10205016    | Bolt unbrako cyl 5x16 FZB                  |  |
| 3          | 2   | 10205020    | Bolt unbrako cyl 5x20 FZB                  |  |
| 4          | 2   | 10205025    | Bolt unbrako cyl 5x25 FZB                  |  |
| 5          | 4   | 10206012    | Bolt unbrako cyl 6x12 FZB                  |  |
| 6          | 8   | 10206016    | Bolt. unbraco cyl 6x16 FZB                 |  |
| 7          | 2   | 10206020    | Bolt unbraco cyl 6x20 FZB                  |  |
| 8          | 6   | 10208020    | Bolt.unbraco cyl 8x20 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 with 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 MP150189_M10x1,25                 |  |
| 20         | 2   | 214115      | F-Joint QM-8025-25                         |  |
| 21         | 2   | 215760      | Swirvel elbow Ø6mm 1/8"                    |  |
| 22         | 2   | 215985      | Banjo flow control Ø4 1/8"                 |  |
| 23         | 1   | 30232       | Assembly front plate for paw system, right |  |
| 24         | 1   | 30233       | Assembly back plate for paw system, right  |  |
| 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 pawcut                   |  |
| 29         | 1   | 30570       | Plate for mounting pawgrib block           |  |
| 30         | 1   | 30575       | Block for pawgrib                          |  |
| 31         | 1   | 30576       | Bracket for pawposition                    |  |
| 32         | 1   | 30580       | Adjustmentplate for pawgrib                |  |
| 33         | 2   | 30641       | Assembly bracket for ø32cylinder           |  |
| 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    | Bolt buttonhead 5x12 FZB                   |  |
| 38         | 8   | 82105900    | Washer M5 FZB                              |  |
| 39         | 2   | 82106000    | Washer M6 FZB                              |  |
| 40         | 6   | 82108000    | Washer M8 FZB                              |  |
| 41         | 1   | 89710000    | Seeger ring for shaft Ø10 din 471          |  |

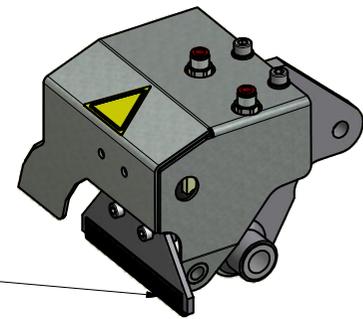
Alle kanter reifes  
Breake all edges

|   |                  |  |   |                |
|---|------------------|--|---|----------------|
| Teknisk afdeling<br>HEDENSTED GRUPPEN A/S |                  | Scale: 1:2                               | Iske angivet tolerancer iht./ Not specified tolerance according to: | Sheet size: A3 |
|   | Part No.: 207975 | Overfl. beskaffethed/Surface properties: | Material:   | Sheet: 1/2     |
| Description: Pawsystem 2010, right side   |                  |  |   |                |
| Description:                              |                  |  |   |                |

| REVISION HISTORY |                              |            |          |
|------------------|------------------------------|------------|----------|
| REV              | DESCRIPTION                  | DATE       | APPROVED |
| A                | Name changed                 | 27-05-2010 | KL       |
| B                | Placement of loctite updated | 03-12-2010 | KC       |
| D                | Washers M6 removed           | 31-10-2012 | LL       |



| Parts List |     |             |  |
|------------|-----|-------------|--|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                            |
| 1          | 4   | 10204010    | Bolt.unbraco cyl 4x10 FZB              |
| 2          | 4   | 10204016    | Bolt.unbraco cyl 4x16 FZB              |
| 3          | 4   | 10204018    | Bolt.unbraco cyl 4x18 FZB              |
| 4          | 2   | 10205012    | Bolt unbrako cyl 5x12 FZB              |
| 5          | 2   | 10206012    | Bolt unbrako cyl 6x12 FZB              |
| 6          | 4   | 20404010    | Hexagon countersunk 4x10 FZB           |
| 7          | 2   | 20406012    | Hexagon countersunk 6x12 FZB           |
| 8          | 1   | 207825      | Paw knife CC HSS110-62-40-4mm          |
| 9          | 2   | 207840      | Slide Bearing GFM-1416-21              |
| 10         | 1   | 207974      | Right Screen for paw blow              |
| 11         | 1   | 207982      | Ball runner block size 15              |
| 12         | 1   | 207984      | Ball guide rail size 15-95             |
| 13         | 1   | 210330      | Cylinder RA/192032/M/20                |
| 14         | 2   | 210427      | Lock nut MP150189_M10x1,25             |
| 15         | 2   | 215925      | Straight connector Ø6mm 1/8"           |
| 16         | 1   | 30231       | Mountingplater for right pawknife rail |
| 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         | 2   | 82106000    | Washer M6 FZB                          |
| 24         | 4   | M100889     | Groove nut 6,5x64-M4                   |



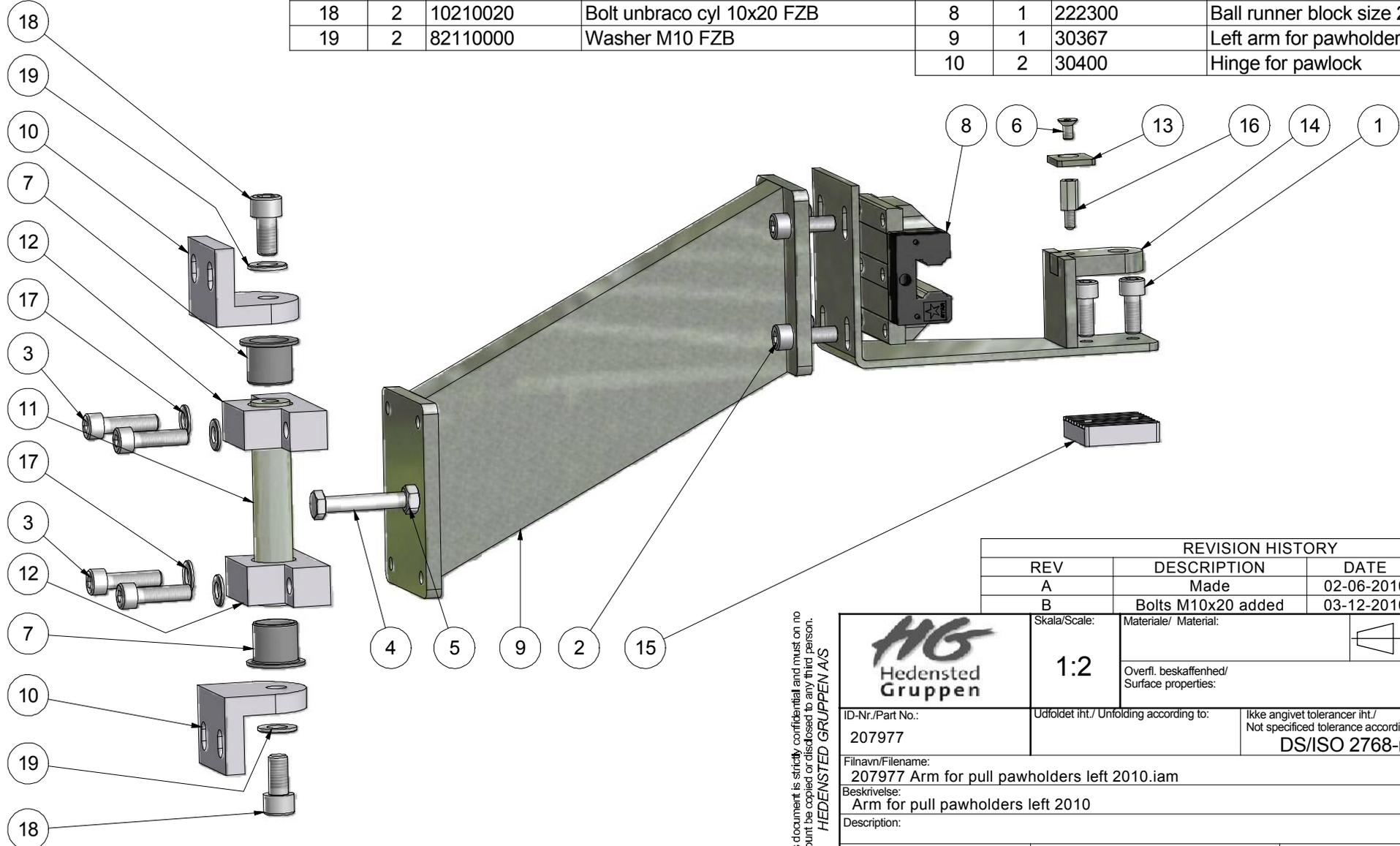
Put Protection strip for protection during assembling

Break all edges  
Alle kanter reifes

| REVISION HISTORY |                                |            |          |
|------------------|--------------------------------|------------|----------|
| REV              | DESCRIPTION                    | DATE       | APPROVED |
| B                | Screws changed                 | 2012-10-30 | LL       |
| C                | Label added_paw holder removed | 23-01-2013 | MRH      |
| D                | Groove nut changed             | 06-01-2015 | KL       |

|   |                                |  |   |                    |
|---|--------------------------------|--|---|--------------------|
| This document is strictly confidential and not to be released outside HEDENSTED GRUPPEN A/S |                                | Scale: 1:2                             | Ikke angivet tolerancer iht./ Not specified tolerance according to: DS/ISO 2768-m | Konst./Designed:   |
|   | Part No.: 207973               | Unfolded iht./ Unfolding according to: | Overfl. beskaffenhed/Surface properties:  | Tegnet/Drafted: KL |
|   | Material:                      | Date: 26-05-2010                       | Beskrivelse: Pawcut system_2010 - Right   |                    |
|   | Description: Combi / Quick cut |  | Sist gemt af/Last saved by: KL  |                    |
| Sist gemt/Last saved: 26-05-2010  |                                | Sheet size: A3                         | Sheet 1 / 2   |                    |

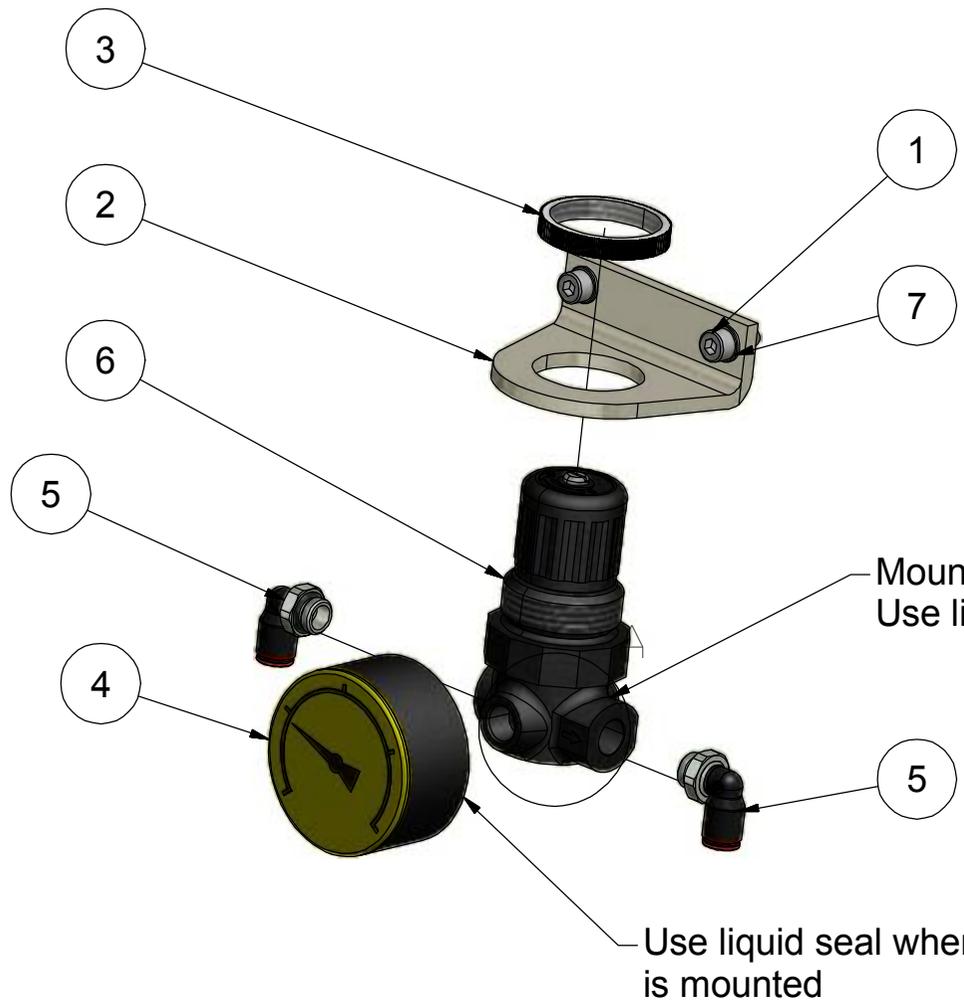
| Parts List |     |             |                                    | Parts List |     |             |                                   |
|------------|-----|-------------|------------------------------------|------------|-----|-------------|-----------------------------------|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                        | ITEM       | QTY | PART NUMBER | DESCRIPTION                       |
| 11         | 1   | 30410       | Shaft for hinge - pawholder        | 1          | 2   | 10208020    | Bolt.unbraco cyl 8x20 FZB         |
| 12         | 2   | 30420       | Hinge for pawlock part f. arm      | 2          | 4   | 10208025    | Bolt Unbrako Cyl. 8x25 FZB        |
| 13         | 1   | 30593       | Sensor plate for stretch           | 3          | 4   | 10208030    | Bolt Unbrako cyl. 8x30 FZB        |
| 14         | 1   | 30594       | Assembly pulbracket for pawholders | 4          | 1   | 11408060    | Hexagon bolt m8x60 FZB            |
| 15         | 1   | 30598       | Clamping plate for AT5             | 5          | 1   | 1508000     | Nut M8 FZB                        |
| 16         | 1   | 49605015    | High Nut M5x15                     | 6          | 1   | 20405010    | Hexagon countersunk head 5x10 FZB |
| 17         | 4   | 82108000    | Washer M8 FZB                      | 7          | 2   | 207845      | Slide Bearing GFM-2023-21         |
| 18         | 2   | 10210020    | Bolt unbraco cyl 10x20 FZB         | 8          | 1   | 222300      | Ball runner block size 25         |
| 19         | 2   | 82110000    | Washer M10 FZB                     | 9          | 1   | 30367       | Left arm for pawholder            |
|            |     |             |                                    | 10         | 2   | 30400       | Hinge for pawlock                 |



| REVISION HISTORY |                    |            |          |
|------------------|--------------------|------------|----------|
| REV              | DESCRIPTION        | DATE       | APPROVED |
| A                | Made               | 02-06-2010 | KC       |
| B                | Bolts M10x20 added | 03-12-2010 | KC       |

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**HEDENSTED GRUPPEN A/S**

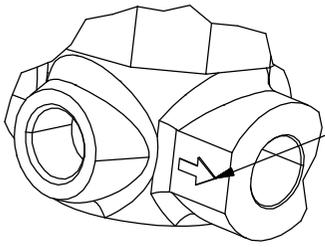
|  |  |  |  |                  |
|--|--|--|--|------------------|
|  | Skala/Scale:                           | Materiale/ Material:                         |  | Vægt/Weight:     |
|  | 1:2                                    | Overfl. beskaffenhed/<br>Surface properties: |  | 3,75 kg          |
| ID-Nr./Part No.:                             | Udfoldet iht./ Unfolding according to: |  | Ikke angivet tolerancer iht./<br>Not specified tolerance according to:<br><b>DS/ISO 2768-m</b> | Konst./Designed: |
| 207977                                       |  |  |  | TV               |
| Filnavn/Filename:                            |  |  | Tegnet/Drafted:  |                  |
| 207977 Arm for pull pawholders left 2010.iam |  |  | Thomas Vittrup   |                  |
| Beskrivelse:                                 |  |  | Dato/Date:   |                  |
| Arm for pull pawholders left 2010            |  |  | 02-06-2010   |                  |
| Description:                                 |  |  |  |                  |
| Sidst gemt af/Last saved by: TV              |  | Sidst gemt/Last saved: 02-06-2010            | Papirstørrelse/Sheet size: A3 sheet 1 of 2   |                  |



| Parts List |     |             |                           |
|------------|-----|-------------|---------------------------|
| ITEM       | QTY | PART NUMBER | DESCRIPTION               |
| 1          | 2   | 10205012    | Bolt unbrako cyl 5x12 FZB |
| 2          | 1   | 214180      | Mounting brace            |
| 3          | 1   | 215535      | Panel mounting nut        |
| 4          | 1   | 215538      | Gauge 0-4Bar 1/8" Ø50mm   |
| 5          | 2   | 215760      | Swirvel elbow Ø6mm 1/8"   |
| 6          | 1   | 216205      | Regulator 3,5 bar 1/8"    |
| 7          | 2   | 82105900    | Washer M5 FZB             |



A (1:1)



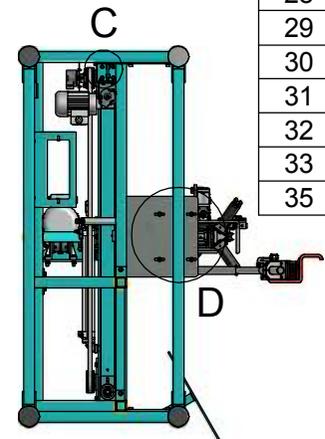
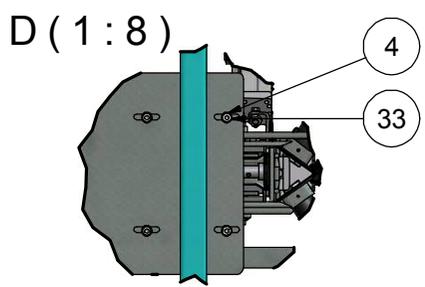
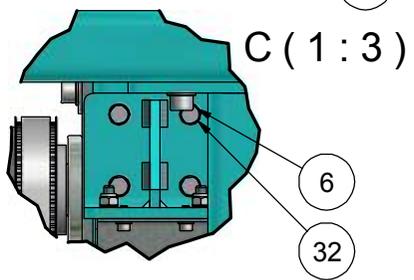
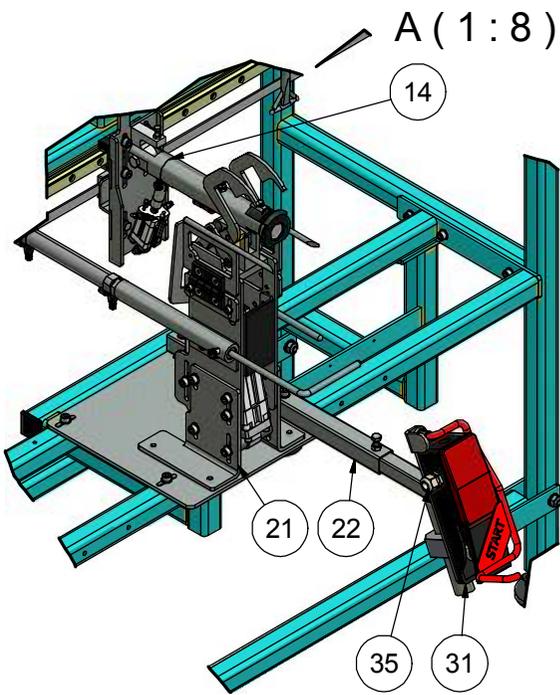
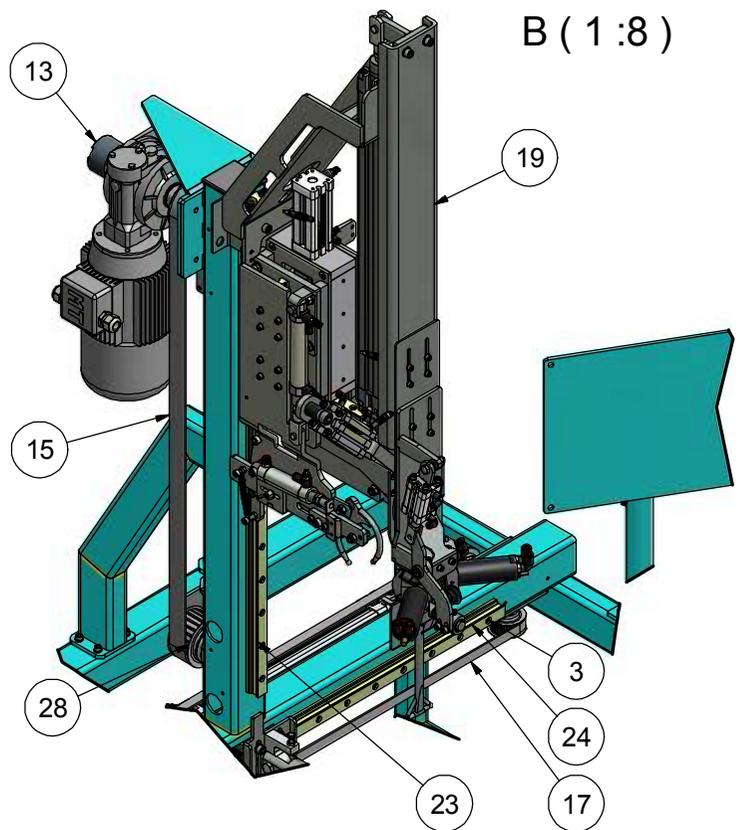
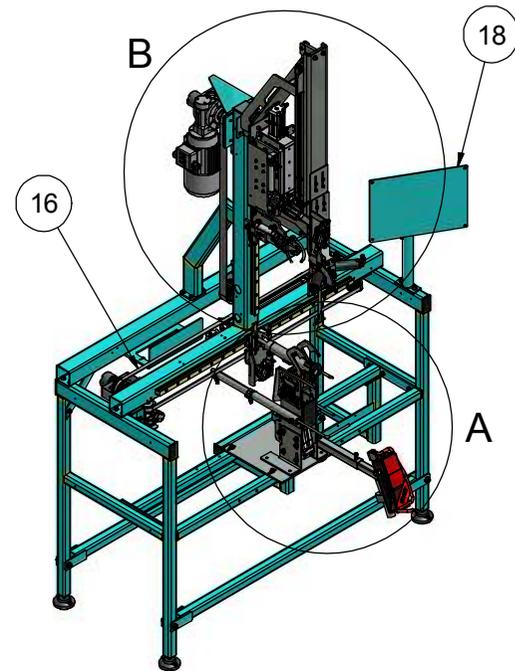
Notice flow direction

Alle kanter reifes  
Breake all edges

|   |   |  |   |                     |
|---|---|--|---|---------------------|
| This document is strictly confidential and must not be copied or disclosed to any third person.<br><b>HEDENSTED GRUPPEN A/S</b> | <b>HG</b><br>Hedensted Gruppen                          | Scale:<br><b>1:2</b>                   | Ikke angivet tolerancer iht./ Not specified tolerance according to:<br><b>DS/ISO 2768-m</b> | Konst./Designed:    |
|   |   |  | Overfl. beskaffenhed/Surface properties:  | Tegnet/Drafted:     |
|   | Part No.:<br><b>207995</b>                              | Udfoldet iht./ Unfolding according to: | Material:   | Date:<br>06-01-2011 |
|   | Description:<br><b>Regulator for stretch - assembly</b> |  |   |                     |
| Description:<br><b>Used for Combi cut &amp; Quick cut</b>   |   |  |   |                     |
| Sidst gemt af/Last saved by:  | KL  | Sidst gemt/Last saved:                 | 06-01-2011  | Sheet size: A4      |
|   |   |  | Sheet   | 1 / 1               |

REVISION HISTORY

| REV | DESCRIPTION | DATE       | APPROVED |
|-----|-------------|------------|----------|
| A   | New drawing | 06-01-2011 | KL       |



PARTS LIST

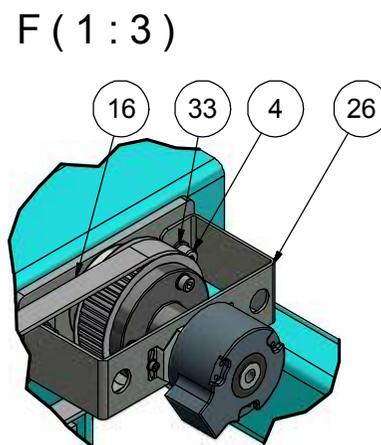
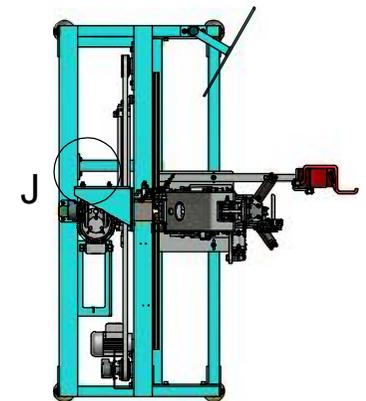
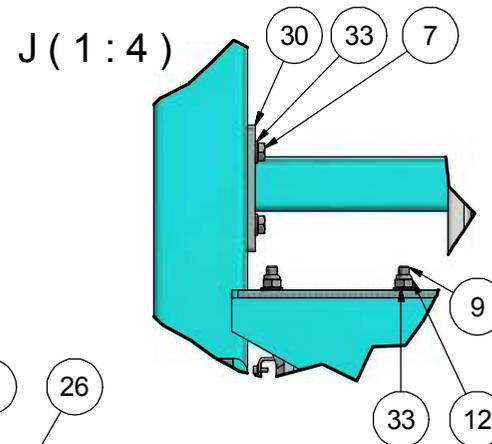
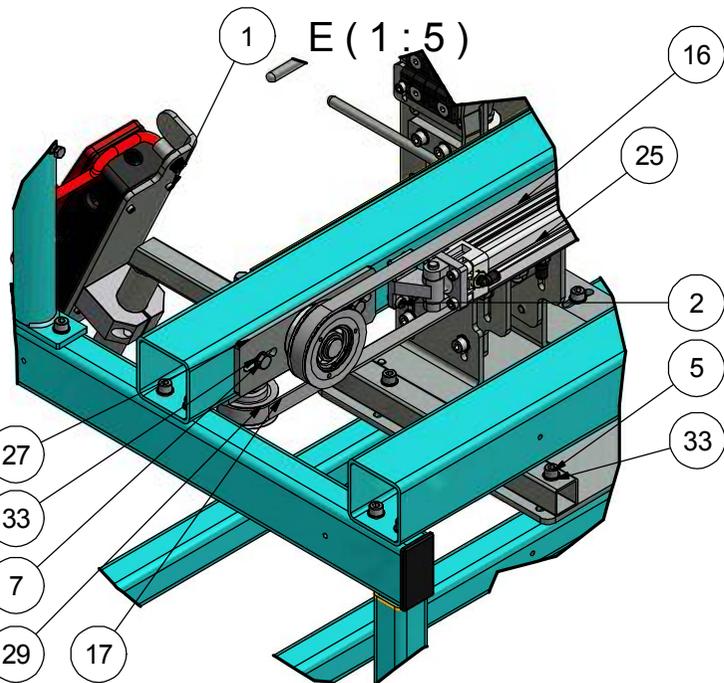
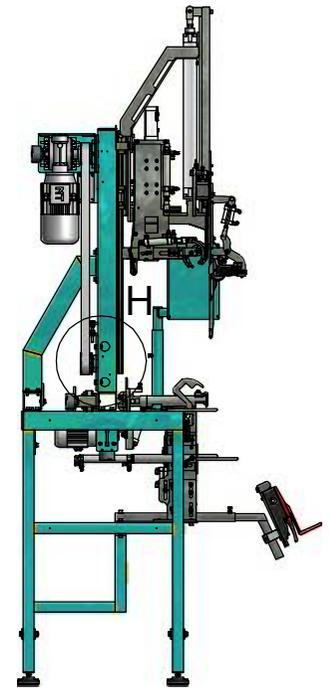
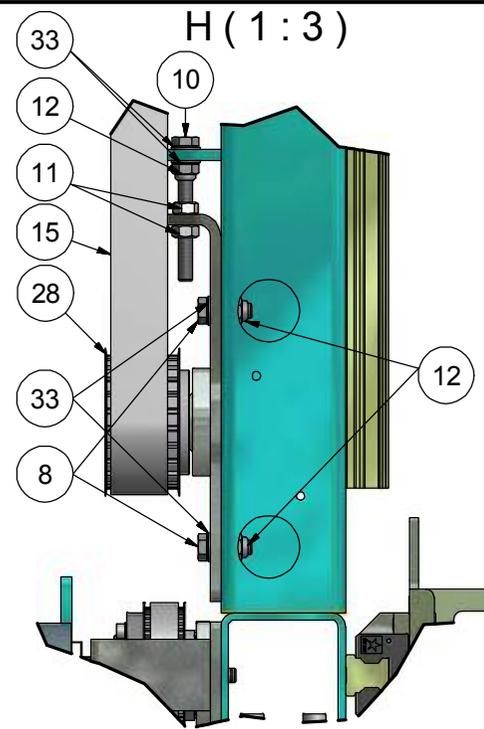
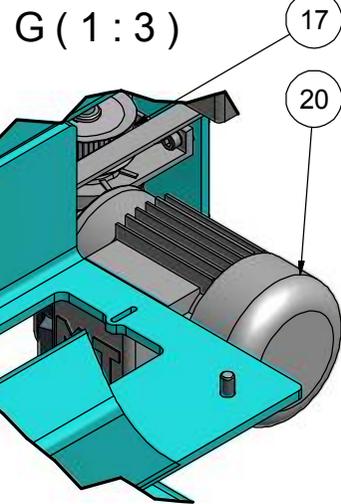
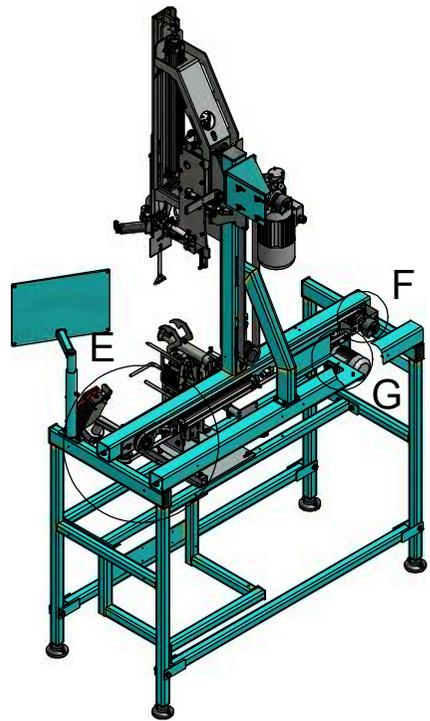
| ITEM | QTY | PART NUMBER | DESCRIPTION                          |
|------|-----|-------------|--------------------------------------|
| 1    | 4   | 10204012    | Bolt.unbraco cyl 4x12 FZB            |
| 2    | 4   | 10206012    | Bolt unbraco cyl 6x12 FZB            |
| 3    | 32  | 10206016    | Bolt. unbraco cyl 6x16 FZB           |
| 4    | 6   | 10208016    | Bolt.unbraco cyl 8x16 FZB            |
| 5    | 2   | 10208050    | Bolt Unbrako cyl 8x50 FZB            |
| 6    | 4   | 11406012    | Hexagon bolt m6x12 FZB               |
| 7    | 4   | 11408016    | Hexagon bolt m8x16 FZB               |
| 8    | 2   | 11408025    | Hexagon bolt m8x25 FZB               |
| 9    | 4   | 11408035    | Hexagon bolt m8x35 FZB               |
| 10   | 1   | 11408075    | Hexagon bolt m8x75 FZB               |
| 11   | 2   | 1508000     | Nut M8 FZB                           |
| 12   | 7   | 17908000    | Self-locking nut M8 FZB              |
| 13   | 1   | 207852      | Gear for tower                       |
| 14   | 1   | 207862      | Assembly crosscut knife 2010         |
| 15   | 1   | 207921      | Tooth belt 32AT10 - 1800 closed loop |
| 16   | 1   | 207922      | Tooth belt 16AT5 - 2500 endless      |
| 17   | 1   | 207923      | Tooth belt 16AT5 - 2360 endless      |
| 18   | 1   | 207939      | Assembly frame combi cut M2010       |
| 19   | 1   | 207943      | Assembly tower 2010                  |
| 20   | 1   | 207959      | Gear for crossent knife 2010         |
| 21   | 1   | 207967      | Complete body holder system M2010    |
| 22   | 1   | 207979      | Plate for knee pedal complete 2010   |
| 23   | 1   | 207987      | Ball guide rail size 25-900          |
| 24   | 1   | 207988      | Ball guide rail size 25-1030         |
| 25   | 1   | 210179      | Cylinder for paw stretch             |
| 26   | 1   | 30262       | Assembly AT5 pulley fixed end        |
| 27   | 1   | 30263       | Assembly pulley AT5                  |
| 28   | 1   | 30270       | Assembly AT10 pulley                 |
| 29   | 1   | 30586       | Assembly AT5 -32 pulley              |
| 30   | 1   | 30821       | Bracket for energichain rack         |
| 31   | 1   | 600005      | Foot pedal with emergency stop       |
| 32   | 4   | 82106000    | Washer M6 FZB                        |
| 33   | 26  | 82108000    | Washer M8 FZB                        |
| 35   | 1   | 600455      | Cabel gland M20 Ø5-12                |

Alle kanter reifes  
Breake all edges

|  |              |                          |   |             |     |
|--|--------------|--------------------------|---|-------------|-----|
|  | Scale:       | 1 : 20                   | Ikke angivet tolerancer iht./ Not specified tolerance according to: | Sheet size: | A3  |
|  | Part No.:    | 207996                   | DS/ISO 2768-m   | Sheet:      | 1/2 |
|  | Description: | Base assembly1 combi cut |   |             |     |

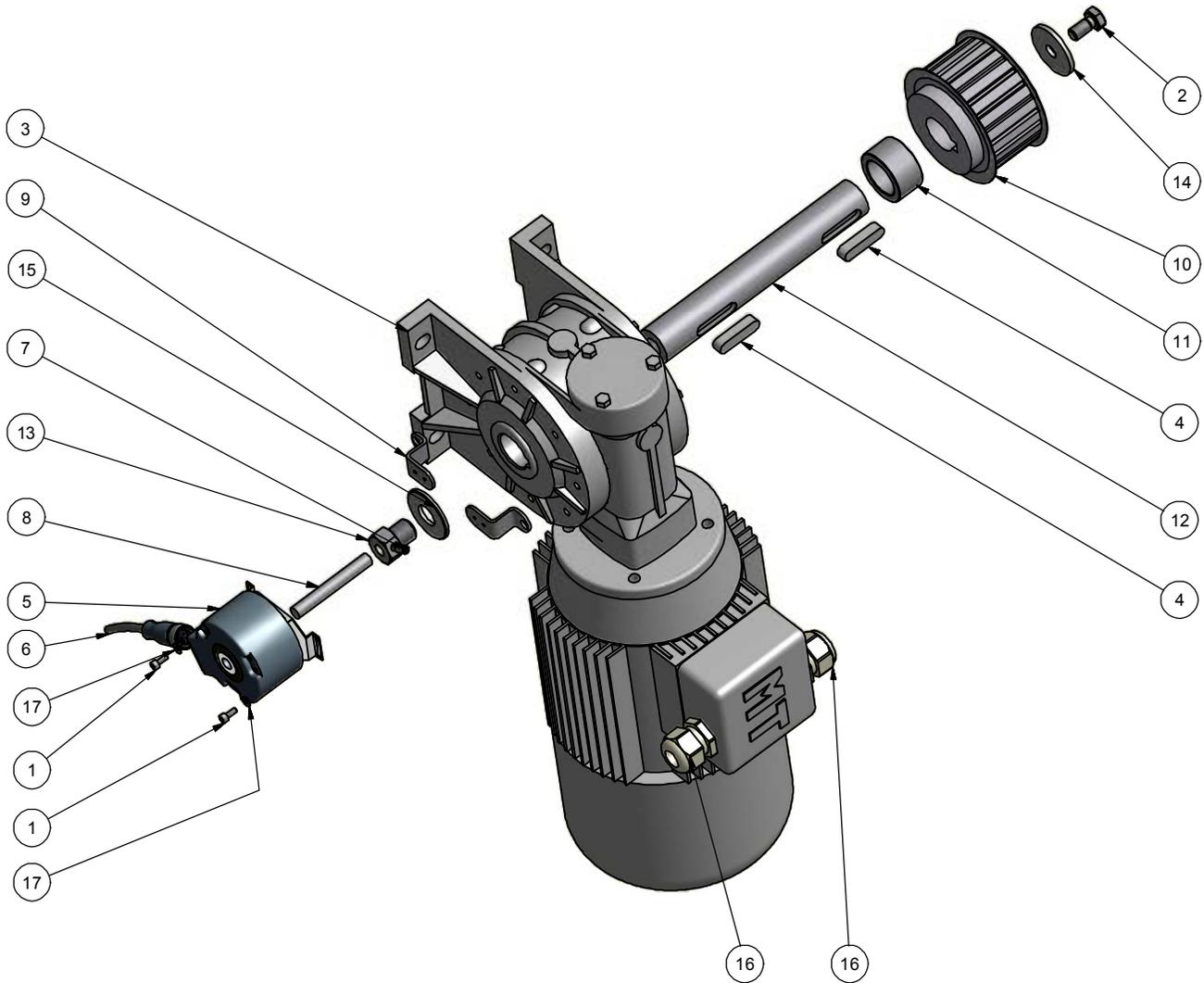
| REV | DESCRIPTION | DATE       | APPROVED |
|-----|-------------|------------|----------|
| A   | New drawing | 07-03-2012 | LL       |

REVISION HISTORY



Alle kanter reifes  
Breake all edges

|   |                          |   |             |
|---|--------------------------|---|-------------|
| HEDENSTED GRUPPEN A/S<br><small>Alle rettigheder forbeholdes. Ingen del af denne manual må kopieres, udbredes eller offentliggøres uden tilladelse fra HEDENSTED GRUPPEN A/S.</small> | Scale:                   | Ikke angivet tolerancer iht./ Not specified tolerance according to: | Sheet size: |
|   | <b>1 : 20</b>            | DS/ISO 2768-m   | A3          |
|   |                          | Overfl. beskaffenhed/Surface properties:                            | Sheet:      |
|   | No                       | 2/2   |             |
| Part No.:   | Material:                |   |             |
| <b>207996</b>   |                          |   |             |
| Description:  | Base assembly1 combi cut |   |             |
| Description:  |                          |   |             |

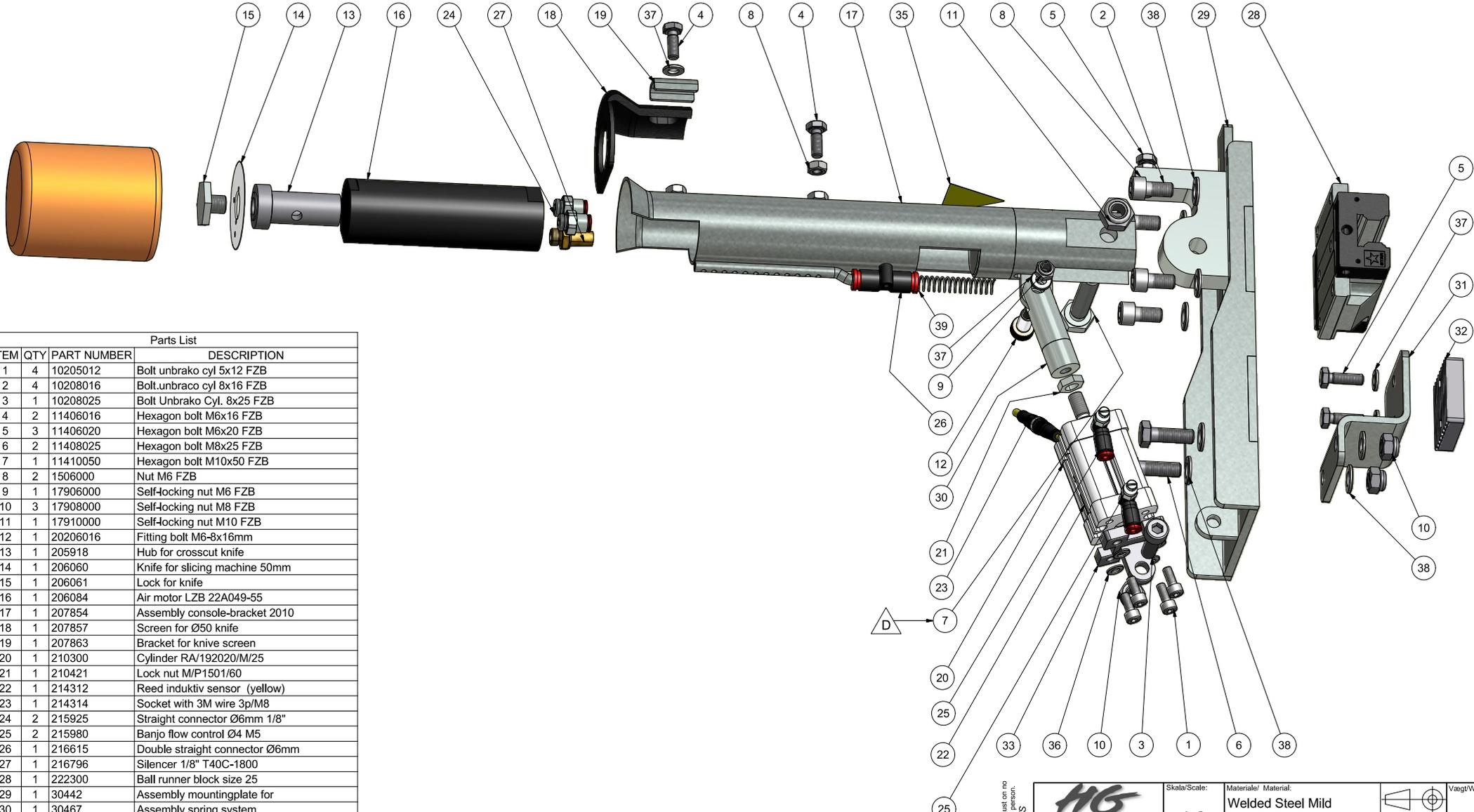


| Parts List |     |             |                                   |
|------------|-----|-------------|-----------------------------------|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                       |
| 1          | 2   | 10203008    | Bolt Unbraco cyl 3x08 FZB         |
| 2          | 1   | 11408016    | Hexagon bolt M8x16 FZB            |
| 3          | 1   | 207902      | Gearmotor high-effect with breake |
| 4          | 2   | 207947      | Key 8x7x32mm DIN-6885A            |
| 5          | 1   | 207956      | Encoder Type 8.5020.C922.0500     |
| 6          | 1   | 207957      | Cable with plug 5 mtr             |
| 7          | 1   | 20905010    | Stop screw M5-10 FZB              |
| 8          | 1   | 30171       | Shaft for encoder                 |
| 9          | 2   | 30172       | Bracket for encoder               |
| 10         | 1   | 30266       | Pulley AT10 Z24 - gear side       |
| 11         | 1   | 30267       | Spacer for large gear             |
| 12         | 1   | 30775       | Shaft for large gearmotor         |
| 13         | 1   | 30776       | Nut for large gearmotor           |
| 14         | 1   | 4809335     | Washer type SRKB ø9x35x3          |
| 15         | 1   | 4814335     | Washer Type SRKB ø14x35x3         |
| 16         | 2   | 600455      | Cabel gland M20 Ø5-12             |
| 17         | 2   | 82103000    | Washer M3 FZB                     |

| REVISION HISTORY |                         |            |          |
|------------------|-------------------------|------------|----------|
| REV              | DESCRIPTION             | DATE       | APPROVED |
| A                | Made                    | 20-05-2010 | KC       |
| B                | Cabel for encoder added | 23-01-2013 | MRH      |

Alle kanter reifes

|   |                             |  |  |  |                 |
|---|-----------------------------|--|--|--|-----------------|
| This document is property of Hedensted Gruppen A/S. HEDENSTED GRUPPEN A/S |                             | Scale:                                 | Ikke angivet tolerancer iht/ Nxt specified tolerance according to: DS/ISO 2768-m | Konst./Designed:                         |                 |
|   |                             |  |  | Overfl. beskaffenhed/Surface properties: | Tegnet/Drafted: |
|   | Part No.: 207852            | Udskillet iht/ Unfolding according to: | Material:  | Date:                                    | 02-03-2007      |
|   | Beskrivelse: Gear for tower |  |  |  |                 |
| Description:  |                             |  |  |  |                 |
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Parts List

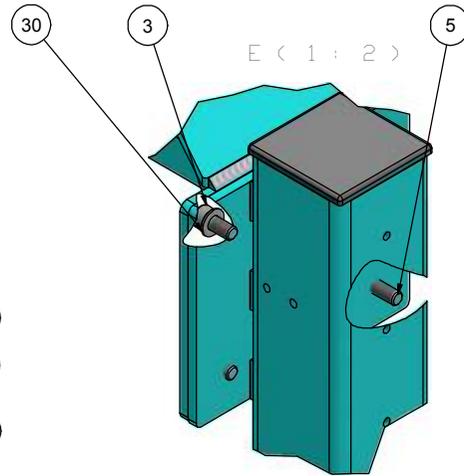
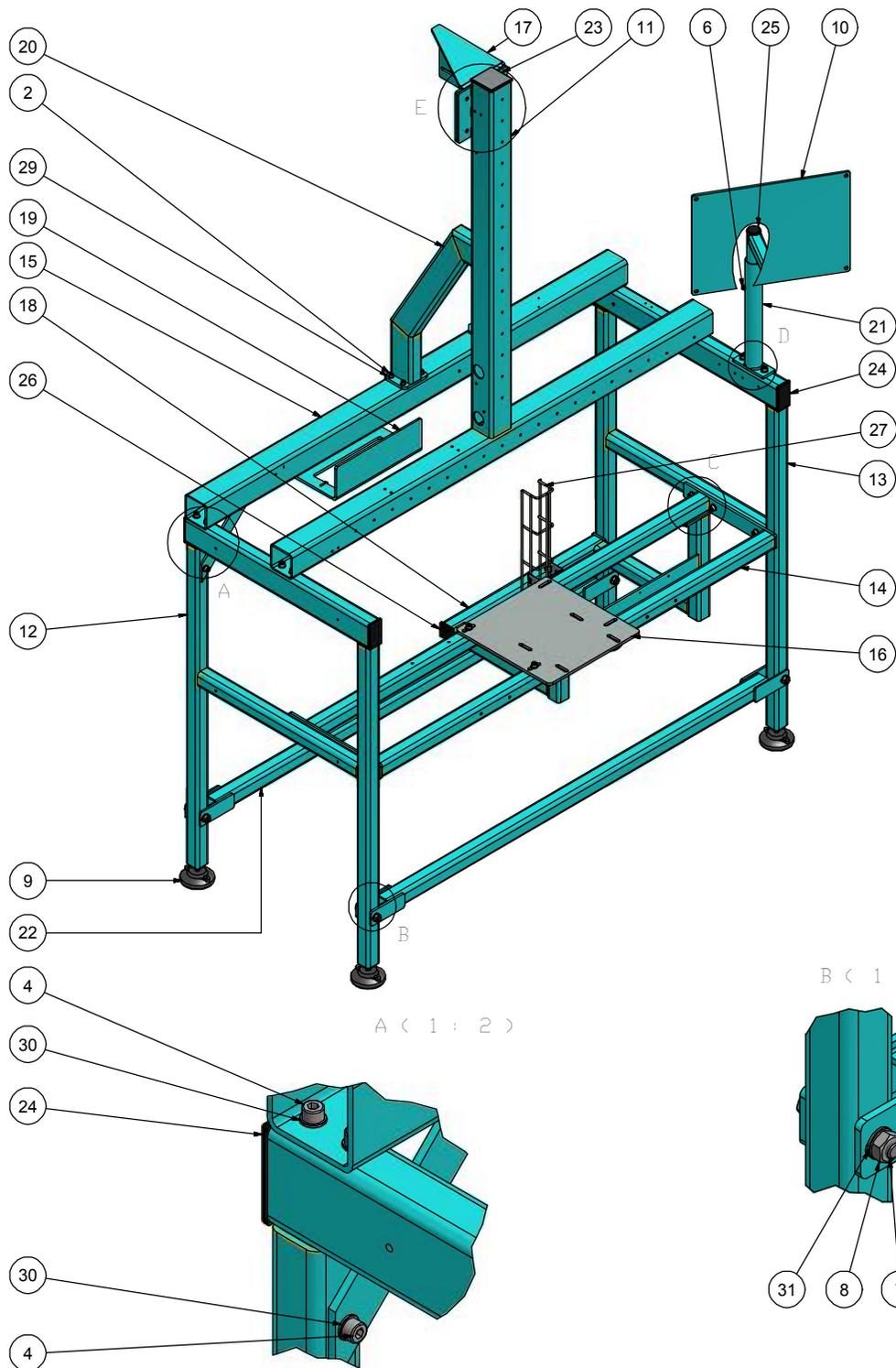
| ITEM | QTY | PART NUMBER | DESCRIPTION                    |
|------|-----|-------------|--------------------------------|
| 1    | 4   | 10205012    | Bolt unbrako cyl 5x12 FZB      |
| 2    | 4   | 10208016    | Bolt.unbraco cyl 8x16 FZB      |
| 3    | 1   | 10208025    | Bolt Unbrako Cyl. 8x25 FZB     |
| 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 M6-8x16mm         |
| 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        |
| 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 M/P1501/60            |
| 22   | 1   | 214312      | Reed induktiv sensor (yellow)  |
| 23   | 1   | 214314      | Socket with 3M wire 3p/M8      |
| 24   | 2   | 215925      | Straight connector Ø6mm 1/8"   |
| 25   | 2   | 215980      | Banjo flow control Ø4 M5       |
| 26   | 1   | 216615      | Double straight connector Ø6mm |
| 27   | 1   | 216796      | Silencer 1/8" T40C-1800        |
| 28   | 1   | 222300      | Ball runner block size 25      |
| 29   | 1   | 30442       | Assembly mountingplate for     |
| 30   | 1   | 30467       | Assembly spring system         |
| 31   | 1   | 30470       | Bracket for pulling of         |
| 32   | 1   | 30598       | Clamping plate for AT5         |
| 33   | 1   | 30644       | Assembly mountingbracket       |
| 34   | 1   | 30981       | Endcab Yellow rubber           |
| 35   | 1   | 31002       | Warning Sign rotating knives   |
| 36   | 4   | 82105900    | Washer M5 FZB                  |
| 37   | 4   | 82106000    | Washer M6 FZB                  |
| 38   | 8   | 82108000    | Washer M8 FZB                  |
| 39   | 1   | M101054     | Spring Ø1-D9-L45               |

REVISION HISTORY

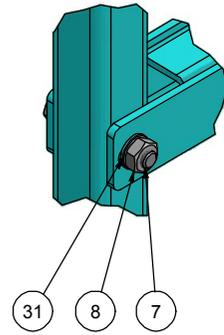
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|-----|---------------------------------|------------|----------|
| A   | New drawing                     | 01-06-2010 | KL       |
| B   | 30442 changed                   | 01-06-2010 | KL       |
| C   | 30981 and 31002 added           | 23-01-2013 | MRH      |
| D   | Item 1141045 changed to 1141050 | 18-10-2013 | LL       |
| E   | M101054 added                   | 09-03-2015 | MRH      |

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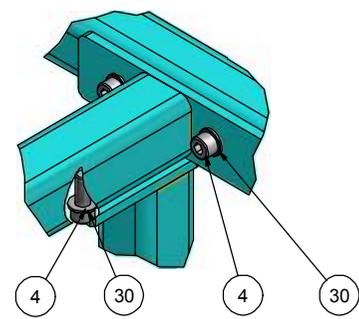
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|--|--|--|--|--|
|  | Skala/Scale:                           | Materiale/ Material:   |  | Vægt/Weight:                               |
|  | 1:2                                    | Welded Steel Mild  |  | kg   |
| ID-Nr./Part No.:<br>207862                                   | Udfoldet iht./ Unfolding according to: | Ikke angivet tolerancer iht./<br>Not specified tolerance according to: |  | Tegner/Drafted:                            |
| Filnavn/Filename:<br>207862 Assembly crosscut knife 2010.iam |  | DS/ISO 2768-m  |  | Dato/Date:<br>01-06-2010                   |
| Beskrivelse:<br>Assembly crosscut knife 2010                 |  |  |  |  |
| Description:   |  |  |  |  |
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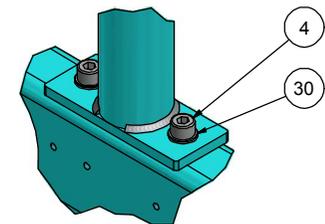
B < 1 : 2 >



C < 1 : 2 >



D < 1 : 2 >



|      |        |             | Parts List                           |  |
|------|--------|-------------|--------------------------------------|--|
| ITEM | QTY    | PART NUMBER | DESCRIPTION                          |  |
| 1    | 2      | 10206016    | Bolt. unbraco cyl 6x16 FZB           |  |
| 2    | 4      | 10206020    | Bolt unbraco cyl 6x20 FZB            |  |
| 3    | 3      | 10208016    | Bolt.unbraco cyl 8x16 FZB            |  |
| 4    | 26     | 10208020    | Bolt.unbraco cyl 8x20 FZB            |  |
| 5    | 1      | 10208030    | Bolt Unbrako cyl. 8x30 FZB           |  |
| 6    | 1      | 11406016    | Hexagon bolt M6x16 FZB               |  |
| 7    | 4      | 11410065    | Hexagon bolt M10x65 FZB              |  |
| 8    | 4      | 1510000     | Nut M10 FZB                          |  |
| 9    | 4      | 197350      | Machine base M75-12-070              |  |
| 10   | 1      | 207935      | Assembly, plate for controlbox M2010 |  |
| 11   | 1      | 30101       | Assembly main profile frame          |  |
| 12   | 1      | 30112       | Assembly right gable                 |  |
| 13   | 1      | 30113       | Assamly left gable                   |  |
| 14   | 1      | 30121       | Assembly central frame               |  |
| 15   | 1      | 30127       | Back cross rail with reinforcement   |  |
| 16   | 1      | 30132       | Mountingplate for bodygribsystem     |  |
| 17   | 1      | 30156       | Assembly motorconsole                |  |
| 18   | 1      | 30164       | Assembly, support controlbox         |  |
| 19   | 1      | 30167       | Mountingplate for valves             |  |
| 20   | 1      | 30177       | Reinforcement for frame              |  |
| 21   | 1      | 30210       | Assembly for controlbox              |  |
| 22   | 2      | 30815       | Bracket for transport                |  |
| 23   | 1      | 30970       | End cap 70x70mm                      |  |
| 24   | 4      | 30975       | End cap 70x40mm                      |  |
| 25   | 1      | 30978       | End cap Ø28mm                        |  |
| 26   | 1      | 30980       | End cap 40x40mm                      |  |
| 27   | 0,50 m | 600440      | Cable duct metal CF 54_50            |  |
| 28   | 2      | 600445      | U-bracket UC 50-G                    |  |
| 29   | 6      | 82106000    | Washer M6 FZB                        |  |
| 30   | 30     | 82108000    | Washer M8 FZB                        |  |
| 31   | 8      | 82110000    | Washer M10 FZB                       |  |

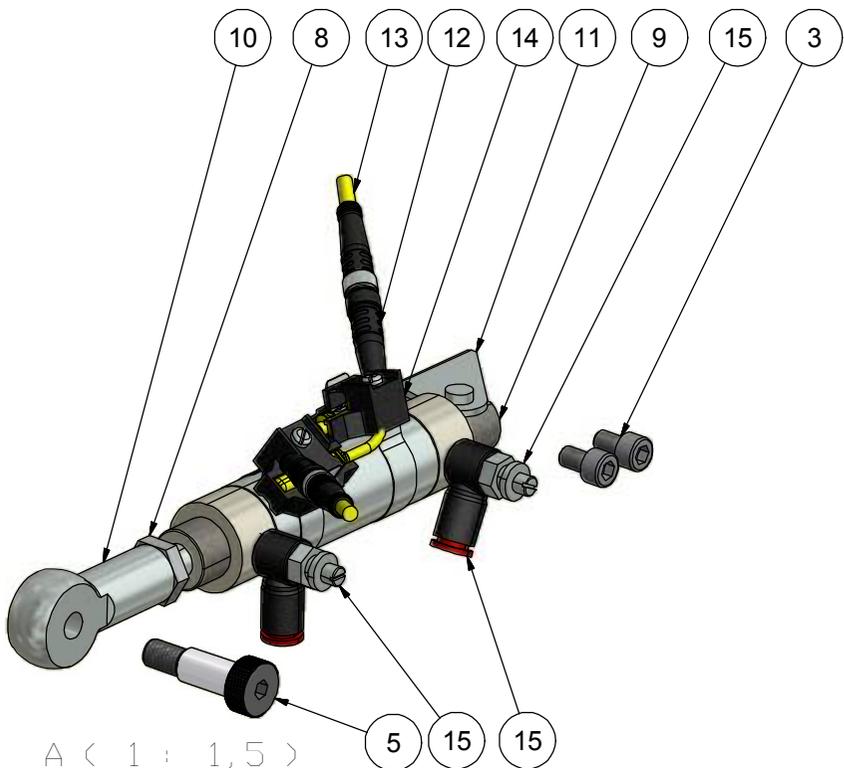
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|              |                                |  |               |             |       |
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| Drawn:       |                                | Checked:   | No            | Sheet:      | 1 / 2 |
| Part No.:    | 207939                         |  |               |             |       |
| Description: | Assembly frame combi cut M2010 |  |               |             |       |

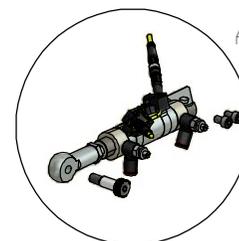
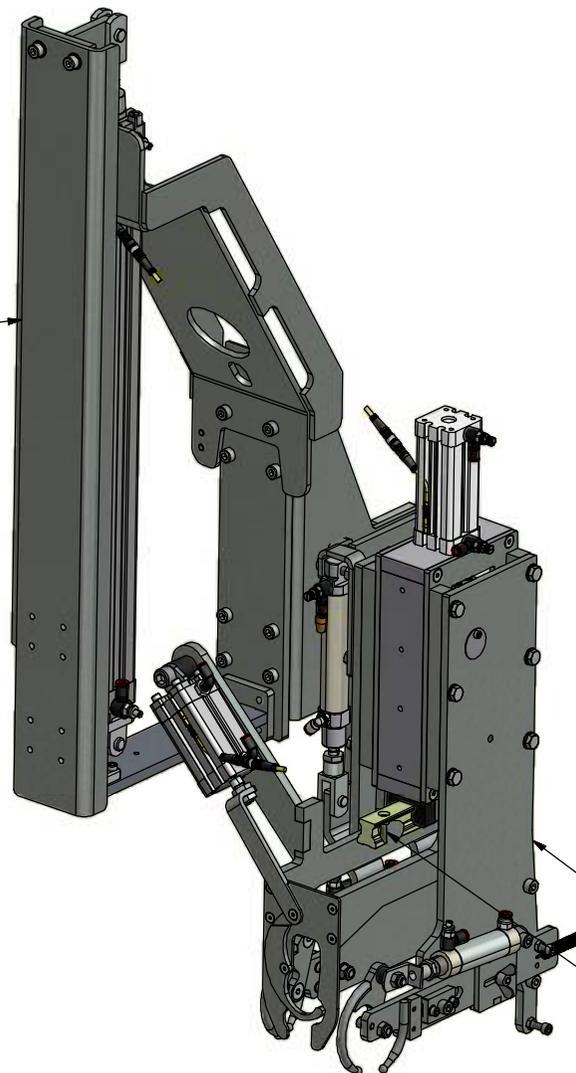
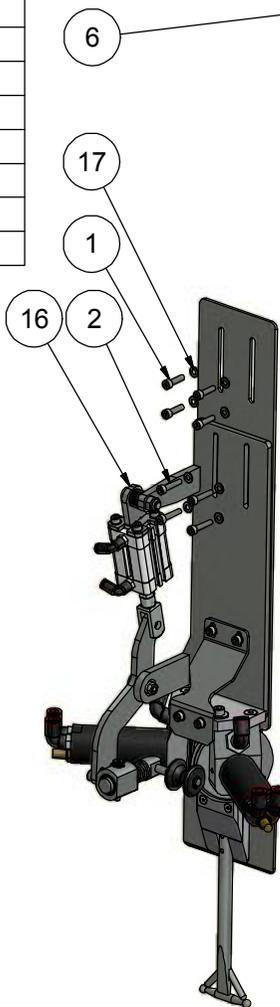
| REVISION HISTORY |             |            |          |
|------------------|-------------|------------|----------|
| REV              | DESCRIPTION | DATE       | APPROVED |
| A                | New drawing | 03-05-2010 | KL       |
| B                | BOM updated | 31-10-2012 | LL       |

Parts List

| ITEM | QTY | PART NUMBER | DESCRIPTION                               |
|------|-----|-------------|---|
| 1    | 4   | 10205020    | Bolt unbrako cyl 5x20 FZB                 |
| 2    | 4   | 10205025    | Bolt unbrako cyl 5x25 FZB                 |
| 3    | 2   | 10206010    | Bolt unbrako cyl 6x10 FZB                 |
| 4    | 3   | 10206020    | Bolt unbrako cyl 6x20 FZB                 |
| 5    | 1   | 20208020    | Fitting bolt M8-10x20mm                   |
| 6    | 1   | 207945      | Frame for spade lift 2010                 |
| 7    | 1   | 207954      | Assembly leghook and tailroll system 2010 |
| 8    | 1   | 210427      | Lock nut MP150189_M10x1,25                |
| 9    | 1   | 211616      | Cylinder RT 57225/M/50                    |
| 10   | 1   | 214116      | UF-Joint QM-8025-32                       |
| 11   | 1   | 214140      | L-Joint QM-57025-24                       |
| 12   | 2   | 214312      | Reed inductiv sensor (yellow)             |
| 13   | 2   | 214314      | Socket with 3M wire 3p/M8                 |
| 14   | 2   | 214316      | Clamp for sensor                          |
| 15   | 2   | 215110      | Banjo flow control Ø6 1/8"                |
| 16   | 1   | 30426       | Assembly tailroll system                  |
| 17   | 8   | 82105900    | Washer M5 FZB                             |



A ( 1 : 1,5 )



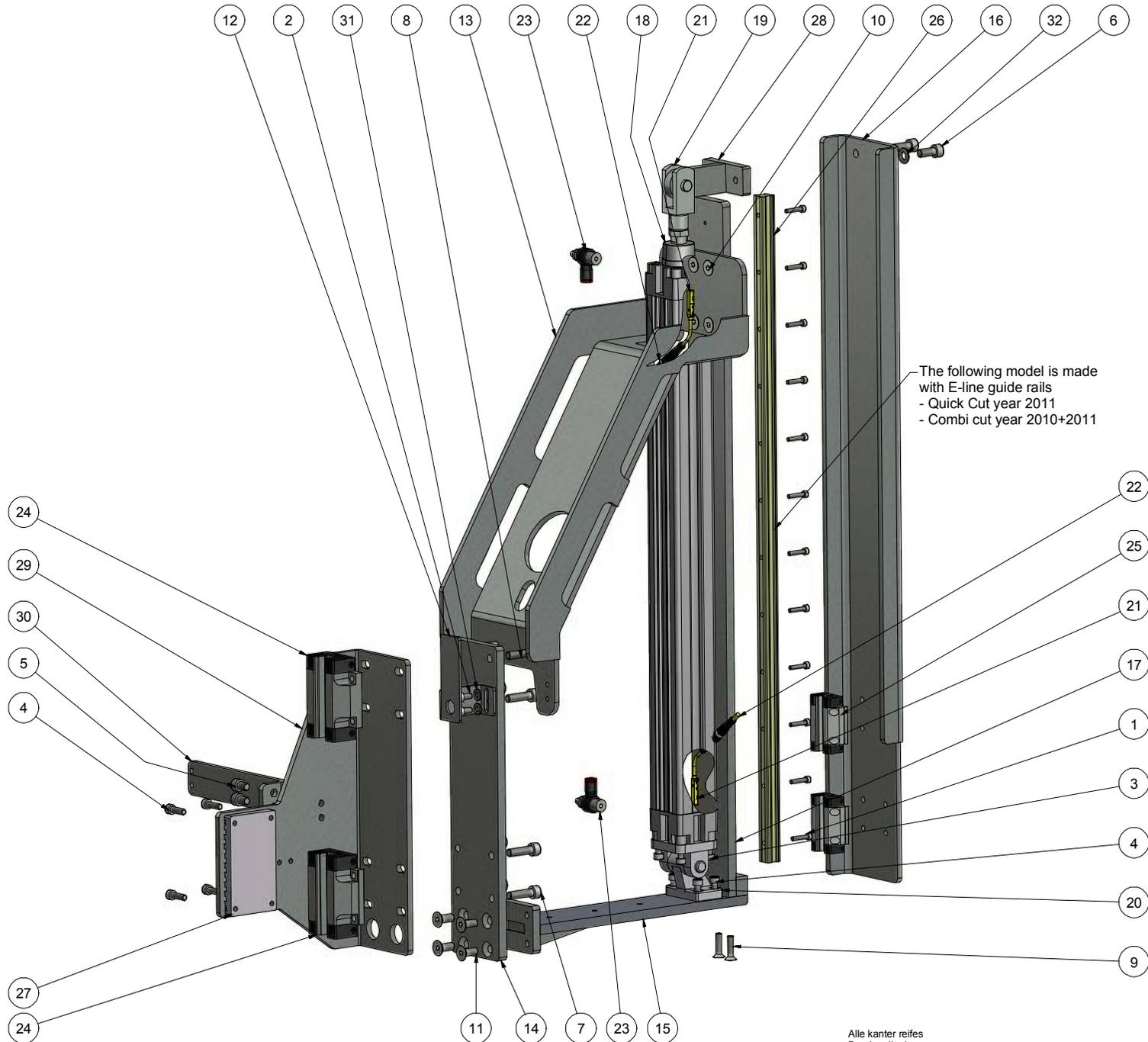
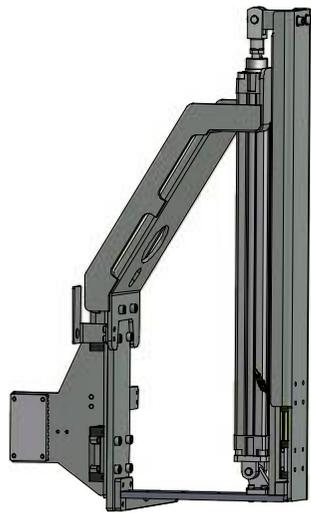
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Breake all edges

|   |   |                                |                  |
|---|---|--------------------------------|------------------|
| HEDENSTED GRUPPEN A/S<br>HEDENSTED GRÆFTVEJ 15<br>2600 HEDEN<br>TLF: +45 76 20 60 00<br>FAX: +45 76 20 60 01<br>WWW.HEDENSTEDGRUPPEN.AS | Scale: DS/ISO 2768-m<br>Ikke angivet tolerance /It/ Not specified tolerance according to: | Konst./Designed: KL            |                  |
|   | Overfl. beskaffenhed/Surface properties:  | Tegnet/Drafted: KC             |                  |
|   | Part No.: 207943  | Udsæet /Urfasing according to: | Date: 12-05-2004 |
|   | Description: Assembly tower 2010  |                                |                  |
|   | Description:  |                                |                  |
| Sidst gemt af/Last saved by: KC   | Sidst gemt/Last saved: 31-05-2010   | Sheet size: A3                 |                  |
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| REVISION HISTORY |             |            |          |
|------------------|-------------|------------|----------|
| REV              | DESCRIPTION | DATE       | APPROVED |
| A                | Made        | 31-05-2010 | KC       |

Parts List

| ITEM | QTY | PART NUMBER | DESCRIPTION                         |
|------|-----|-------------|-------------------------------------|
| 1    | 12  | 10204020    | Bolt.unbraco cyl 4x20 FZB           |
| 2    | 2   | 10206012    | Bolt unbrako cyl 6x12 FZB           |
| 3    | 4   | 10206016    | Bolt. unbraco cyl 6x16 FZB          |
| 4    | 8   | 10206020    | Bolt unbraco cyl 6x20 FZB           |
| 5    | 2   | 10208012    | Bolt.unbraco cyl 8x12 FZB           |
| 6    | 2   | 10208020    | Bolt.unbraco cyl 8x20 FZB           |
| 7    | 6   | 10208030    | Bolt Unbrako cyl. 8x30 FZB          |
| 8    | 2   | 10208035    | Bolt Unbrako cyl 8x35 FZB           |
| 9    | 2   | 20406025    | Hexagon countersunk 6x25 FZB        |
| 10   | 4   | 20408016    | Hexagon countersunk 8x16 FZB        |
| 11   | 4   | 20408020    | Hexagon countersunk M8x20 FZB       |
| 12   | 1   | 207861      | Sensorbracket for tower 2010        |
| 13   | 1   | 207880      | Reinforcement for tower model ES    |
| 14   | 1   | 207885      | Console for tower model 2008        |
| 15   | 1   | 207887      | Horisontial console for tower_M2008 |
| 16   | 1   | 207890      | Connectionplate-spade cylinder_ES   |
| 17   | 1   | 207895      | Horisontial console model ES        |
| 18   | 1   | 212129      | Cylinder PRA/182040/M/500           |
| 19   | 1   | 214120      | F-Joint QM-8040-25                  |
| 20   | 1   | 214160      | L-Joint QA-8040-24                  |
| 21   | 2   | 214312      | Reed induktiv sensor (yellow)       |
| 22   | 2   | 214314      | Socket with 3M wire 3p/M8           |
| 23   | 2   | 215992      | Banjo flow control Ø6 1/4"          |
| 24   | 2   | 222300      | Ball runner block size 25           |
| 25   | 2   | 222315      | Ball runner block size 15           |
| 26   | 1   | 222337      | Ball guide rail size 15-700mm       |
| 27   | 1   | 30268       | Clamping plate for AT10             |
| 28   | 1   | 30291       | Bracket assembly for tower lift     |
| 29   | 1   | 30700       | Connection plate for belt           |
| 30   | 1   | 30820       | Bracket for energji chain           |
| 31   | 2   | 82106000    | Washer M6 FZB                       |
| 32   | 2   | 82108000    | Washer M8 FZB                       |



| REV | DESCRIPTION                              | DATE       | APPROVED |
|-----|--|------------|----------|
| A   | Made                                     | 27-05-2010 | KL       |
| B   | Changed from E-line to steel guide rails | 04-03-2012 | KL       |

Alle kanten reifes  
Breake all edges

**HIG**  
Hedensted Gruppen

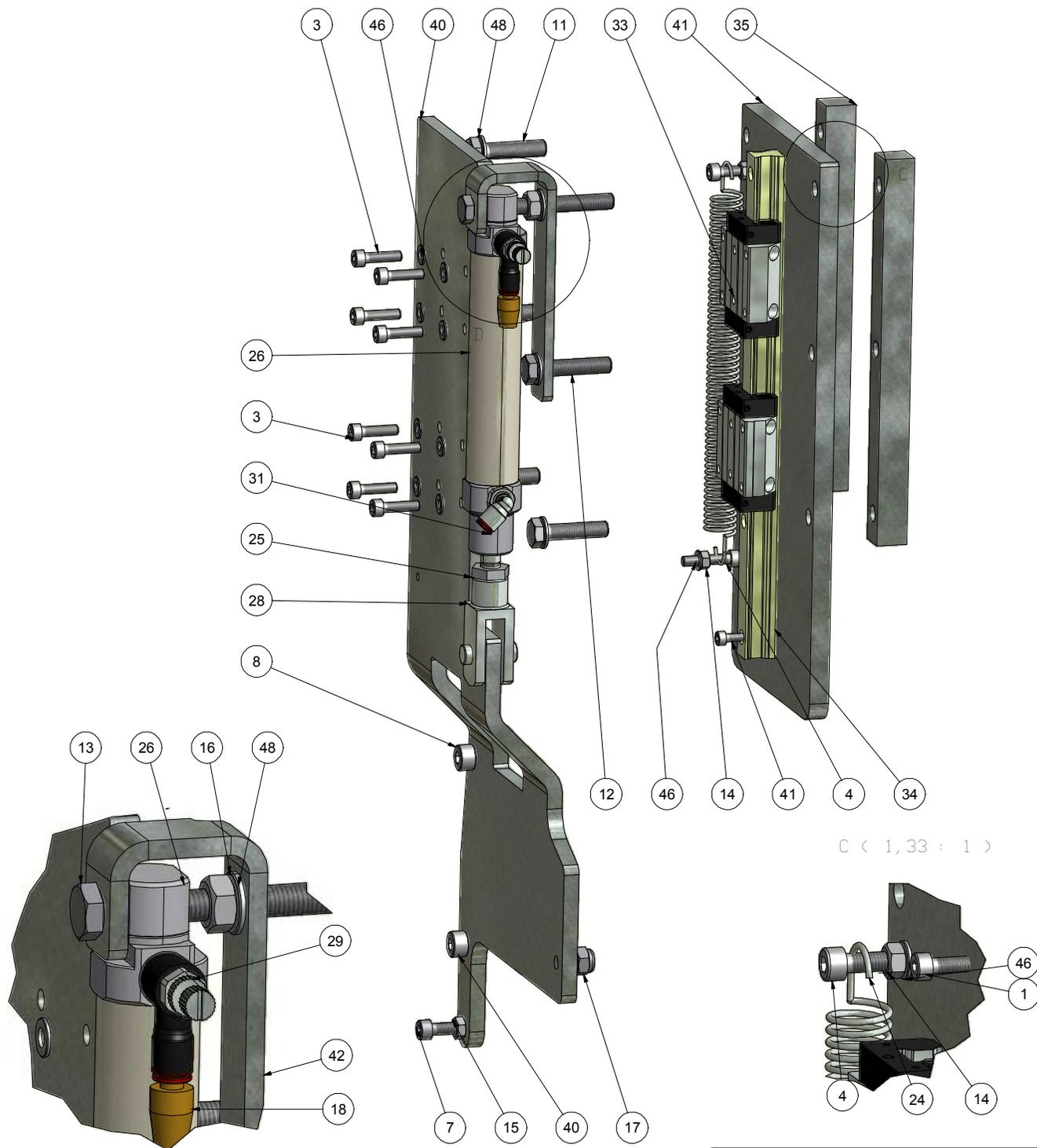
Part No.: 207945  
Description: Frame for spade lift 2010

Scale: See angle tolerance fit / Not specified tolerance according to DS/ISO 2768-m  
Overall: bestkvalitet/surface properties

Material: \_\_\_\_\_ Date: 05-12-2005

Sheet size: A2 Page: 1 / 2





| Parts List |     |             |                                   |  |
|------------|-----|-------------|-----------------------------------|--|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                       |  |
| 1          | 5   | 10204020    | Bolt.unbraco cyl 4x20 FZB         |  |
| 2          | 4   | 10205016    | Bolt unbrako cyl 5x16 FZB         |  |
| 3          | 8   | 10205020    | Bolt unbrako cyl 5x20 FZB         |  |
| 4          | 2   | 10205025    | Bolt unbrako cyl 5x25 FZB         |  |
| 5          | 1   | 10206010    | Bolt unbraco cyl 6x10 FZB         |  |
| 6          | 1   | 10206020    | Bolt unbraco cyl 6x20 FZB         |  |
| 7          | 1   | 10206025    | Bolt unbraco cyl 6x25 FZB         |  |
| 8          | 2   | 10208010    | Bolt.unbraco cyl 8x10 FZB         |  |
| 9          | 1   | 10208025    | Bolt Unbrako Cyl. 8x25 FZB        |  |
| 10         | 1   | 10208035    | Bolt Unbrako cyl 8x35 FZB         |  |
| 11         | 4   | 11408035    | Hexagon bolt M8x35 FZB            |  |
| 12         | 1   | 11408040    | Hexagon bolt M8x40 FZB            |  |
| 13         | 1   | 11408075    | Hexagon bolt m8x75 FZB            |  |
| 14         | 2   | 1505000     | Nut M5 FZB                        |  |
| 15         | 2   | 1506000     | Nut M6 FZB                        |  |
| 16         | 2   | 1508000     | Nut M8 FZB                        |  |
| 17         | 3   | 17908000    | Self-locking nut M8 FZB           |  |
| 18         | 1   | 197337      | Silencer Ø6. 100110600            |  |
| 19         | 1   | 20406025    | Hexagon countersunk 6x25 FZB      |  |
| 20         | 1   | 20408025    | Hexagon countersunk 8x25 FZB      |  |
| 21         | 1   | 20408035    | Hexagon countersunk 8x35 FZB      |  |
| 22         | 1   | 207856      | Bracket for leghook               |  |
| 23         | 1   | 207870      | Spacer for leghooks               |  |
| 24         | 1   | 207944      | Extension spring 1.6-13.5x120     |  |
| 25         | 2   | 210427      | Lock nut MP150189 M10x1,25        |  |
| 26         | 1   | 211038      | Cylinder RM/8026/M/80             |  |
| 27         | 1   | 211616      | Cylinder RT 57225/M/50            |  |
| 28         | 1   | 214115      | F-Joint QM-8025-25                |  |
| 29         | 1   | 215105      | Banjo flow control Ø6 1/8"        |  |
| 30         | 1   | 215110      | Banjo flow control Ø6 1/8"        |  |
| 31         | 1   | 215760      | Swirvel elbow Ø6mm 1/8"           |  |
| 32         | 1   | 215900      | Straight connector Ø6 1/8"        |  |
| 33         | 2   | 222315      | Ball runner block size 15         |  |
| 34         | 1   | 222336      | Ball guide rail size 15-260mm     |  |
| 35         | 2   | 30240       | Distance block for tower          |  |
| 36         | 1   | 30245       | Arm for leg hooks left side       |  |
| 37         | 1   | 30252       | Adjustable bracket left leg hooks |  |
| 38         | 1   | 30255       | T-bolt for arm leg hooks          |  |
| 39         | 1   | 30265       | Block for T-bolt                  |  |
| 40         | 1   | 30324       | Left carrying plate leghook       |  |
| 41         | 1   | 30327       | Support for carrying plate        |  |
| 42         | 1   | 30329       | Bracket for cylinder              |  |
| 43         | 1   | 30657       | Left back-hook - big moveable     |  |
| 44         | 1   | 30662       | Shaft with ball for small hook    |  |
| 45         | 1   | 470580      | Extension spring ø1,0x70x11 VZ    |  |
| 46         | 14  | 82105900    | Washer M5 FZB                     |  |
| 47         | 1   | 82106000    | Washer M6 FZB                     |  |
| 48         | 7   | 82108000    | Washer M8 FZB                     |  |
| 49         | 1   | M100288     | Adjustable handle M6 -42mm        |  |

| REVISION HISTORY |   |            |          |
|------------------|---|------------|----------|
| REV              | DESCRIPTION   | DATE       | APPROVED |
| A                | Made  | 01-06-2010 | KL       |
| B                | Changed from E-line to steel guide rail. Wing nut added | 04-03-2012 | KL       |

Alle kanter reifes  
Breake all edges

Scale: 1:1.5

Sheet size: A2

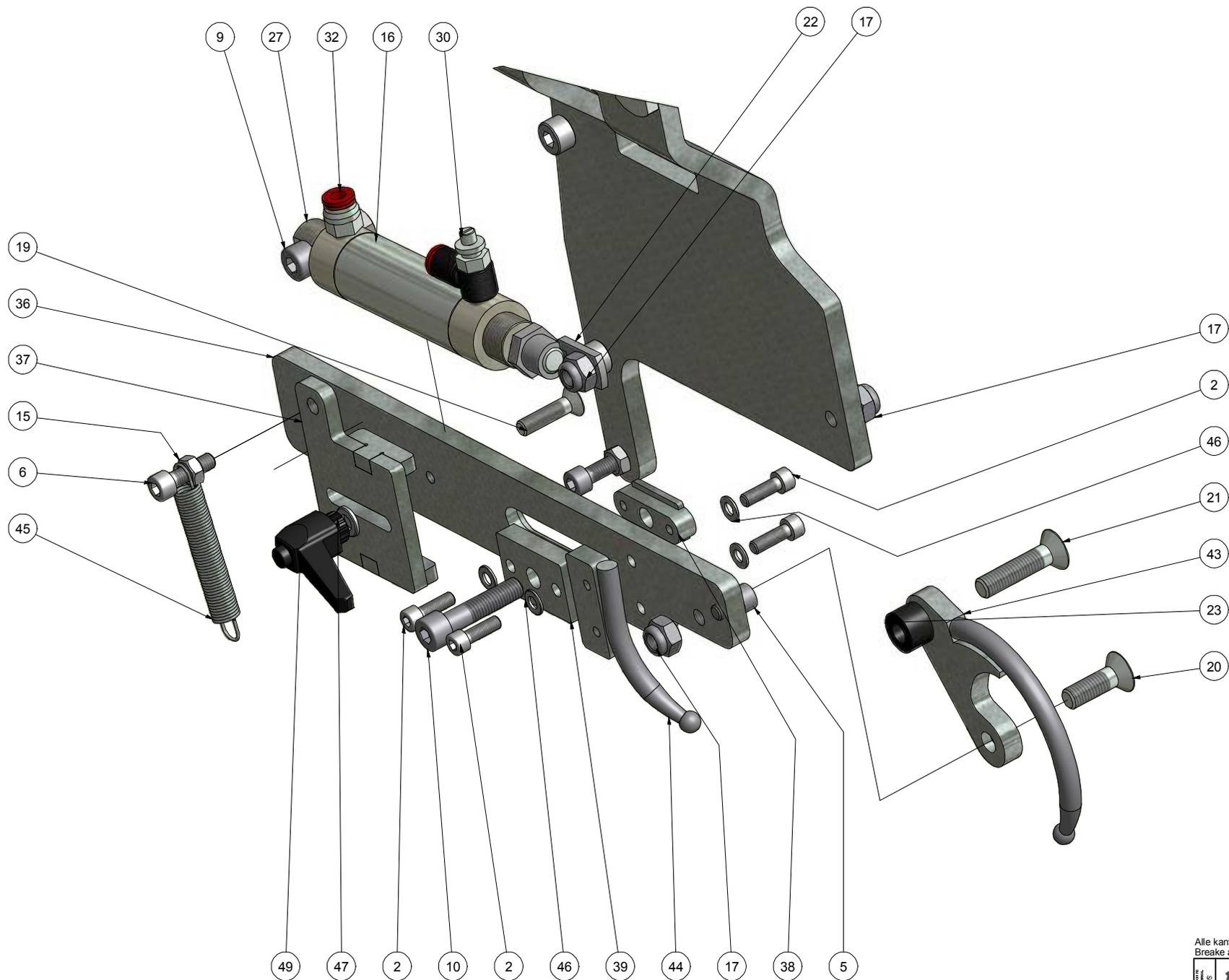
Sheet: 1/3

Part No.: 207949

Description: Left leghook system 2010

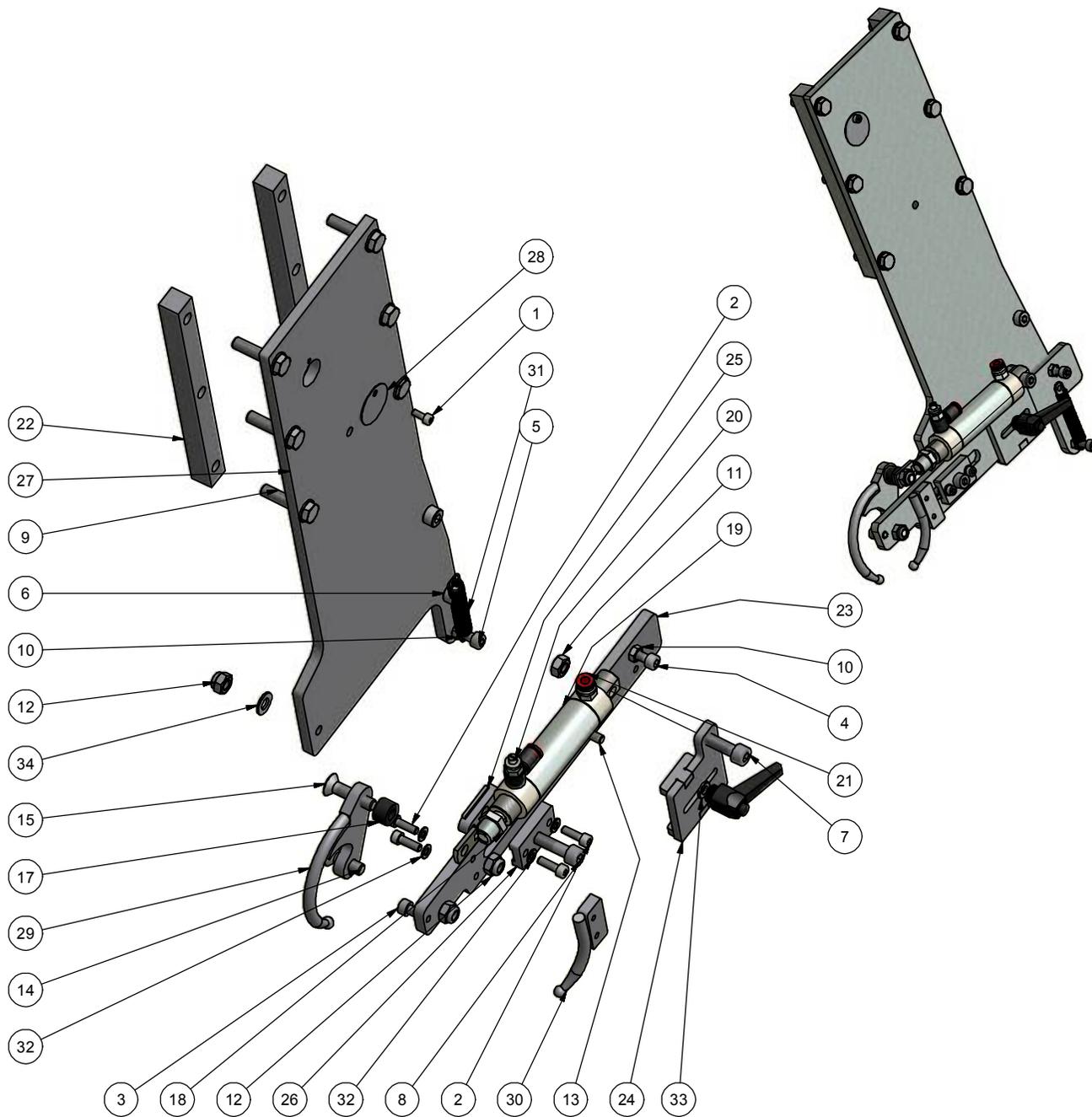
Material:

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Alle kanten reifes  
Breake all edges

|  |                                       |                    |   |                |
|--|---------------------------------------|--------------------|---|----------------|
| HEEDENSTED GRUPPEN A/S<br>HEDENSTED GRUPPEN A/S<br>HEDENSTED GRUPPEN A/S |                                       | Scale: 1 : 1.5<br> | Size and weight tolerance: 20% / Not specified tolerance according to<br>Overfit: based on the surface properties | Sheet size: A2 |
|  | Part No.: 207949                      |                    | Material:   | Sheet: 3 / 3   |
|  | Description: Left leghook system 2010 |                    |   |                |
|  | Description:                          |                    |   |                |



| Parts List |     |             |                                    |
|------------|-----|-------------|------------------------------------|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                        |
| 1          | 1   | 10204010    | Bolt.unbraco cyl 4x10 FZB          |
| 2          | 4   | 10205016    | Bolt unbrako cyl 5x16 FZB          |
| 3          | 1   | 10206010    | Bolt unbrako cyl 6x10 FZB          |
| 4          | 1   | 10206020    | Bolt unbraco cyl 6x20 FZB          |
| 5          | 1   | 10206025    | Bolt unbraco cyl 6x25 FZB          |
| 6          | 2   | 10208010    | Bolt.unbraco cyl 8x10 FZB          |
| 7          | 1   | 10208025    | Bolt Unbrako Cyl. 8x25 FZB         |
| 8          | 1   | 10208035    | Bolt Unbrako cyl 8x35 FZB          |
| 9          | 6   | 11408035    | Hexagon bolt M8x35 FZB             |
| 10         | 2   | 1506000     | Nut M6 FZB                         |
| 11         | 1   | 1508000     | Nut M8 FZB                         |
| 12         | 3   | 17908000    | Self-locking nut M8 FZB            |
| 13         | 1   | 20406025    | Hexagon countersunk 6x25 FZB       |
| 14         | 1   | 20408025    | Hexagon countersunk 8x25 FZB       |
| 15         | 1   | 20408035    | Hexagon countersunk 8x35 FZB       |
| 16         | 1   | 207856      | Bracket for leghook                |
| 17         | 1   | 207870      | Spacer for leghooks                |
| 18         | 1   | 210427      | Lock nut MP150189_M10x1,25         |
| 19         | 1   | 211616      | Cylinder RT 57225/M/50             |
| 20         | 1   | 215110      | Banjo flow control Ø6 1/8"         |
| 21         | 1   | 215900      | Straight connector Ø6 1/8"         |
| 22         | 2   | 30240       | Distance block for tower           |
| 23         | 1   | 30246       | Arm for leg hooks right side       |
| 24         | 1   | 30249       | Adjustable bracket right leg hooks |
| 25         | 1   | 30255       | T-bolt for arm leg hooks           |
| 26         | 1   | 30265       | Block for T-bolt                   |
| 27         | 1   | 30325       | Right carrying plate               |
| 28         | 1   | 30328       | Coverplate f. lubricating nipple   |
| 29         | 1   | 30658       | Right back hook - big moveable     |
| 30         | 1   | 30663       | Right back-hook - small steady     |
| 31         | 1   | 470580      | Extension spring ø1,0x70x11 VZ     |
| 32         | 4   | 82105900    | Washer M5 FZB                      |
| 33         | 1   | 82106000    | Washer M6 FZB                      |
| 34         | 7   | 82108000    | Washer M8 FZB                      |
| 35         | 1   | M100288     | Adjustable handle M6 -42mm         |

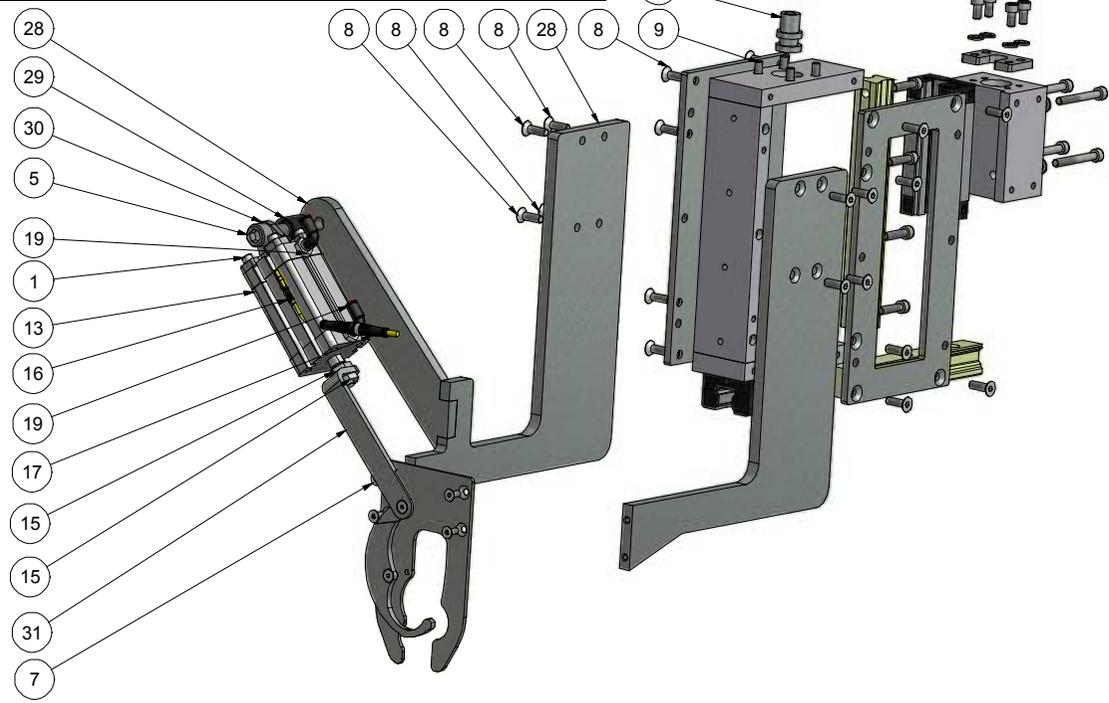
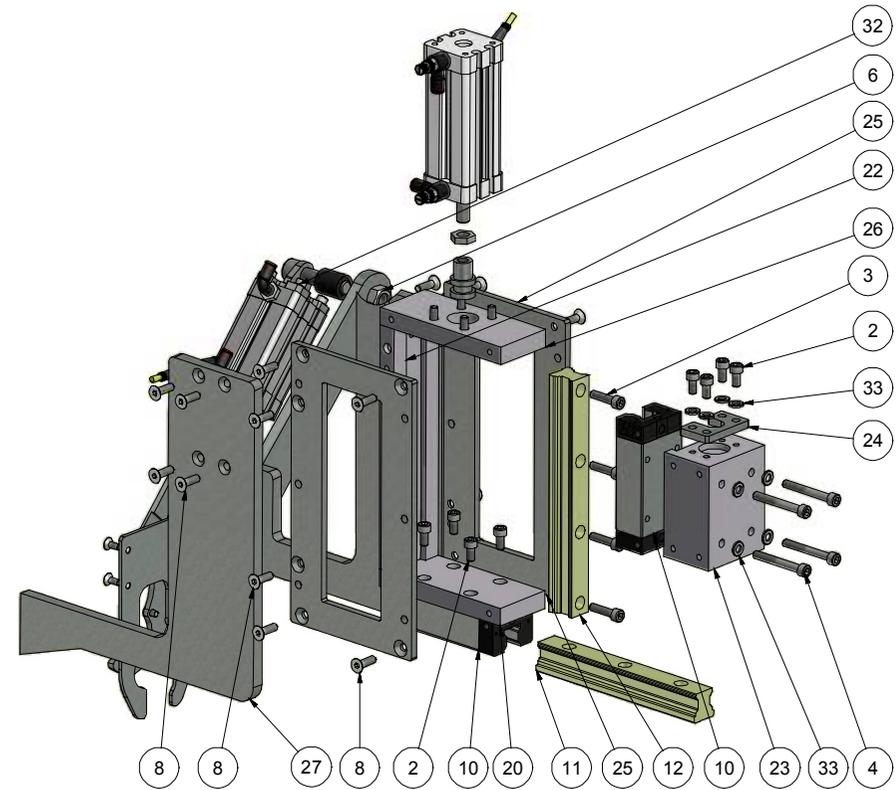
Break all edges  
Alle kanter reifes

| REVISION HISTORY |               |            |          |
|------------------|---------------|------------|----------|
| REV              | DESCRIPTION   | DATE       | APPROVED |
| A                | New drawing   | 20-05-2010 | KL       |
| B                | Wingnut added | 03-03-2012 | KL       |

|   |   |  |   |                        |
|---|---|--|---|------------------------|
| This document is property of HEDENSTED GRUPPEN A/S<br>HEDENSTED GRUPPEN A/S |   | Scale:<br>1:4                          | Ikke angivet tolerancer iht/ Not specified tolerance according to:<br>DS/ISO 2768-m | Konst./Designed:<br>KL |
|   |   |  | Overfl. beskaffenhed/Surface properties:  | Tegnet/Drafted:        |
|   | Part No.: 207848                        | Udskillet iht/ Unfolding according to: | Material:   | Date:<br>12-05-2004    |
|   | Beskrivelse: Right leghook system       |  |   |                        |
| Description: Combi cut  |   |  |   |                        |
| Slid: genn. aft. Last saved by: KL  | Slid: genn. aft. Last saved: 01-03-2007 | Sheet size: A3                         | Sheet 1 / 2   |                        |

Parts List

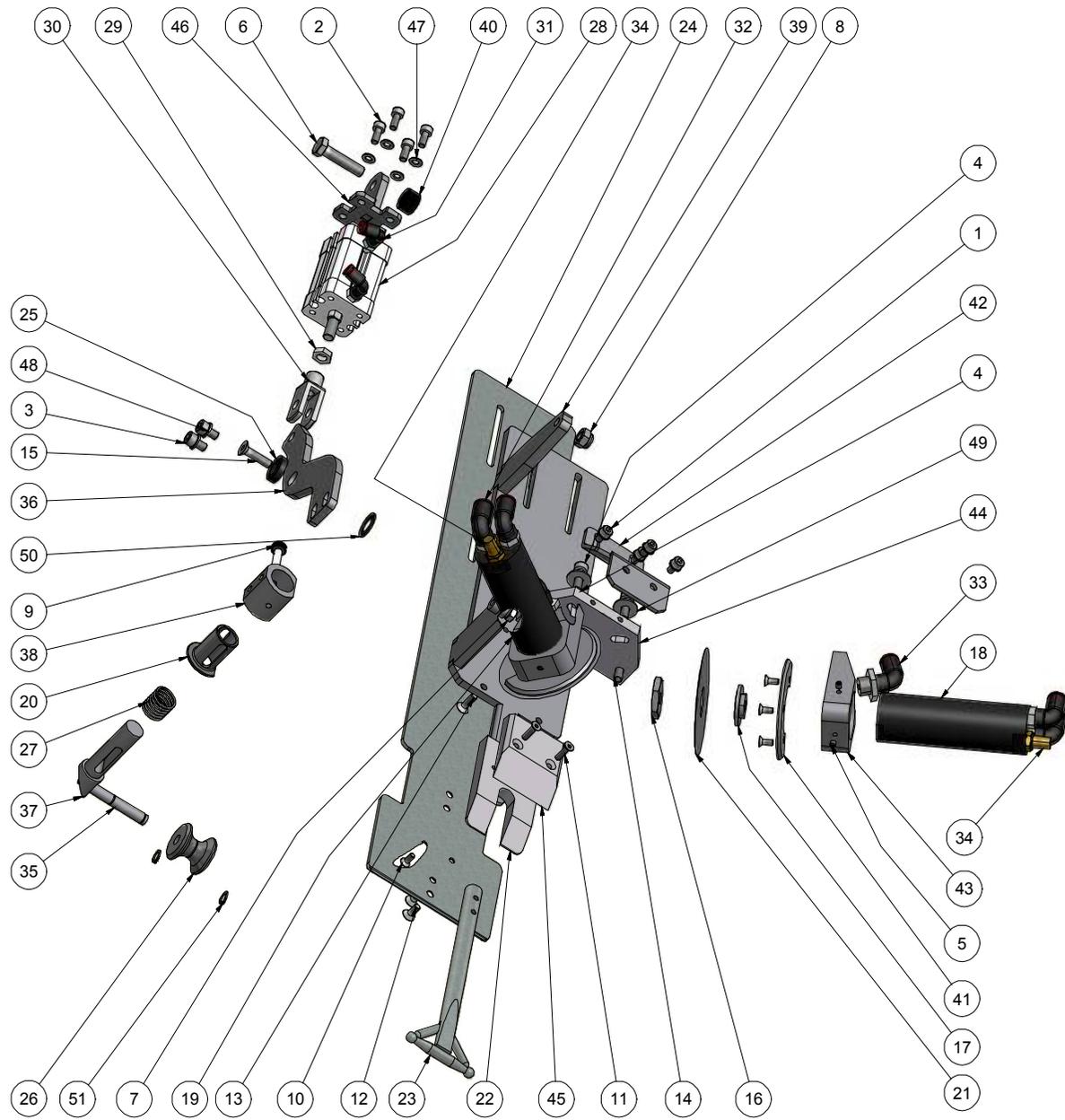
| ITEM | QTY | PART NUMBER | DESCRIPTION                                 |
|------|-----|-------------|---|
| 1    | 4   | 10205016    | Bolt unbrako cyl 5x16 FZB                   |
| 2    | 8   | 10206012    | Bolt unbrako cyl 6x12 FZB                   |
| 3    | 4   | 10206025    | Bolt unbrako cyl 6x25 FZB                   |
| 4    | 4   | 10206050    | Bolt unbrako cyl 6x50 FZB                   |
| 5    | 1   | 10212050    | Bolt.unbrako cyl 12x50 FZB                  |
| 6    | 1   | 1512000     | Nut M12 FZB                                 |
| 7    | 4   | 20405012    | Hexagon countersunk 5x12 FZB                |
| 8    | 20  | 20406020    | Hexagon countersunk M6x20 FZB               |
| 9    | 4   | 20406025    | Hexagon countersunk 6x25 FZB                |
| 10   | 2   | 207986      | Ball runner block size 25                   |
| 11   | 1   | 207989      | Ball guide rail size 25-170                 |
| 12   | 1   | 207990      | Ball guide rail size 25-200                 |
| 13   | 1   | 210305      | Cylinder RM/192032/M/50                     |
| 14   | 1   | 210340      | Cylinder RA/192032/M/80                     |
| 15   | 3   | 210427      | Lock nut MP150189_M10x1,25                  |
| 16   | 2   | 214312      | Reed induktiv sensor (yellow)               |
| 17   | 2   | 214314      | Socket with 3M wire 3p/M8                   |
| 18   | 2   | 215105      | Banjo flow control Ø6 1/8"                  |
| 19   | 2   | 215755      | Swirvel elbow Ø4 1/8"                       |
| 20   | 1   | 30500       | Connecting piece - tower                    |
| 21   | 1   | 30504       | Bush for cylinder                           |
| 22   | 1   | 30505       | Plate for vertical rail - tower             |
| 23   | 1   | 30510       | Connecting piece-vertical rail              |
| 24   | 1   | 30512       | Plate for connetion piece                   |
| 25   | 2   | 30525       | Bearing plate for vertical rail             |
| 26   | 1   | 30535       | Top for tower                               |
| 27   | 1   | 30615       | Right plate for back spade                  |
| 28   | 1   | 30620       | Assembly - plate for back spade             |
| 29   | 1   | 30625       | Spacer for tail hook cyl.                   |
| 30   | 1   | 30641       | Assembly bracket for ø32cylinder            |
| 31   | 1   | 30698       | Tail spade system C.Cut tail spade and hook |
| 32   | 4   | 82105900    | Washer M5 FZB                               |
| 33   | 8   | 82106000    | Washer M6 FZB                               |



Alle kanten reif  
Breake all edges

|  |              |  |                 |            |
|--|--------------|--|-----------------|------------|
|  | Scale:       | See angle tolerance IT/ NIT specified tolerance according to DS/ISO 2768-m | Konst./Designed | KL         |
|  | Overall:     | best finished surface properties   | right/drafted   | KC         |
|  | Part No.:    | 207951   | Date:           | 12-05-2004 |
|  | Description: | Tailspadesystem 2010   |                 |            |

| REVISION HISTORY |                                   |            |          |
|------------------|-----------------------------------|------------|----------|
| REV              | DESCRIPTION                       | DATE       | APPROVED |
| A                | Made                              | 01-06-2010 | kc       |
| B                | Loctite changed to 648 on 4 bolts | 03-12-2010 | kc       |



| Parts List |     |             |                                  |
|------------|-----|-------------|----------------------------------|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                      |
| 1          | 4   | 10205008    | Bolt.unbraco cyl.5x8 FZB         |
| 2          | 4   | 10205012    | Bolt unbrako cyl 5x12 FZB        |
| 3          | 2   | 10206010    | Bolt unbrako cyl 6x10 FZB        |
| 4          | 2   | 10206020    | Bolt unbraco cyl 6x20 FZB        |
| 5          | 4   | 10504005    | Stop screw 4x5 black             |
| 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 M5-6x25mm           |
| 10         | 8   | 20404010    | Hexagon countersunk 4x10 FZB     |
| 11         | 2   | 20404016    | Hexagon countersunk 4x16 FZB     |
| 12         | 4   | 20405012    | Hexagon countersunk 5x12 FZB     |
| 13         | 2   | 20405016    | Hexagon countersunk 5x16 FZB     |
| 14         | 2   | 20406020    | Hexagon countersunk M6x20 FZB    |
| 15         | 1   | 20406025    | Hexagon countersunk 6x25 FZB     |
| 16         | 2   | 206070      | Lock for knives Ø70-Ø80          |
| 17         | 2   | 206071      | Hub for knives Ø70-80            |
| 18         | 1   | 206084      | Air motor LZB 22A049-55          |
| 19         | 1   | 206091      | Air motor LZB 22A049 Links       |
| 20         | 1   | 207820      | Bushing for tailroll             |
| 21         | 2   | 207828      | 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              |
| 27         | 1   | 207931      | Compression spring 1.8-16-20     |
| 28         | 1   | 210310      | Cylinder RA/192025/M/25          |
| 29         | 1   | 210421      | Lock nut M/P 1501/60             |
| 30         | 1   | 211100      | F-Joint QM-8020-25               |
| 31         | 2   | 215750      | Swirvel elbow Ø4 M5              |
| 32         | 4   | 216536      | Swirvel elbow Ø8 1/8"            |
| 33         | 2   | 216537      | Swirvel elbow Ø8 1/4"            |
| 34         | 2   | 216796      | Silencer 1/8" T40C-1800          |
| 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 ammenbly - tailroll system |
| 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               |
| 50         | 1   | 88712100    | Shim washer ø12x18x1,0           |
| 51         | 2   | 89708000    | Seeger ring for shaft Ø8 din 471 |

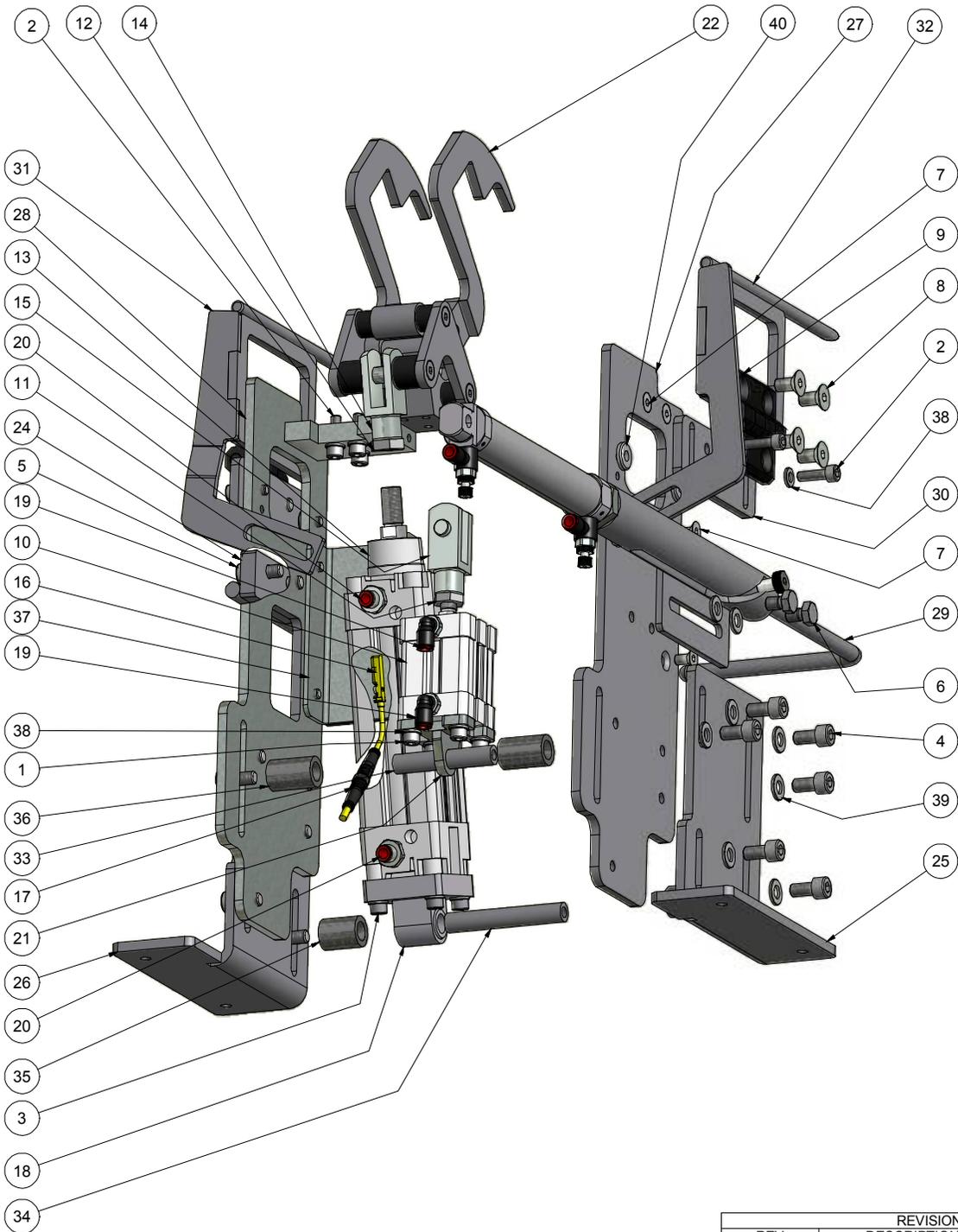
REVISION HISTORY

| REV | DESCRIPTION              | DATE       | APPROVED |
|-----|--------------------------|------------|----------|
| A   | Belly loosner changed    | 15-04-2005 | KL       |
| B   | Name changed             | 21-05-2010 | KL       |
| C   | Locktite om female wegde | 06-09-2012 | KL       |
| D   | Washers changed          | 23-01-2013 | MRH      |

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|   |  |  |                      |   |              |
|---|--|--|----------------------|---|--------------|
|   |  | Skala/Scale:                           | Materiale/ Material: |   | Vægt/Weight: |
|   |  | 1:2                                    |                      |   | kg           |
| ID-Nr./Part No.:  |  | Udfoldet iht./ Unfolding according to: |                      | Ikke angivet tolerancer iht./ Not specified tolerance according to: |              |
| 30426   |  |  |                      | DS/ISO 2768-m   |              |
| Filnavn/Filename:<br>30426 Assembly tailroll system.iam |  |  |                      |   |              |
| Beskrivelse:<br>Assembly tailroll system                |  |  |                      |   |              |
| Description:<br>Combi / Quick cut                       |  |  |                      |   |              |
| Sidst gemt af/Last saved by: TV                         |  | Sidst gemt/Last saved: 16-05-2004      |                      | Papirnr./release/Sheet size: A2 sheet 1 of 2                        |              |



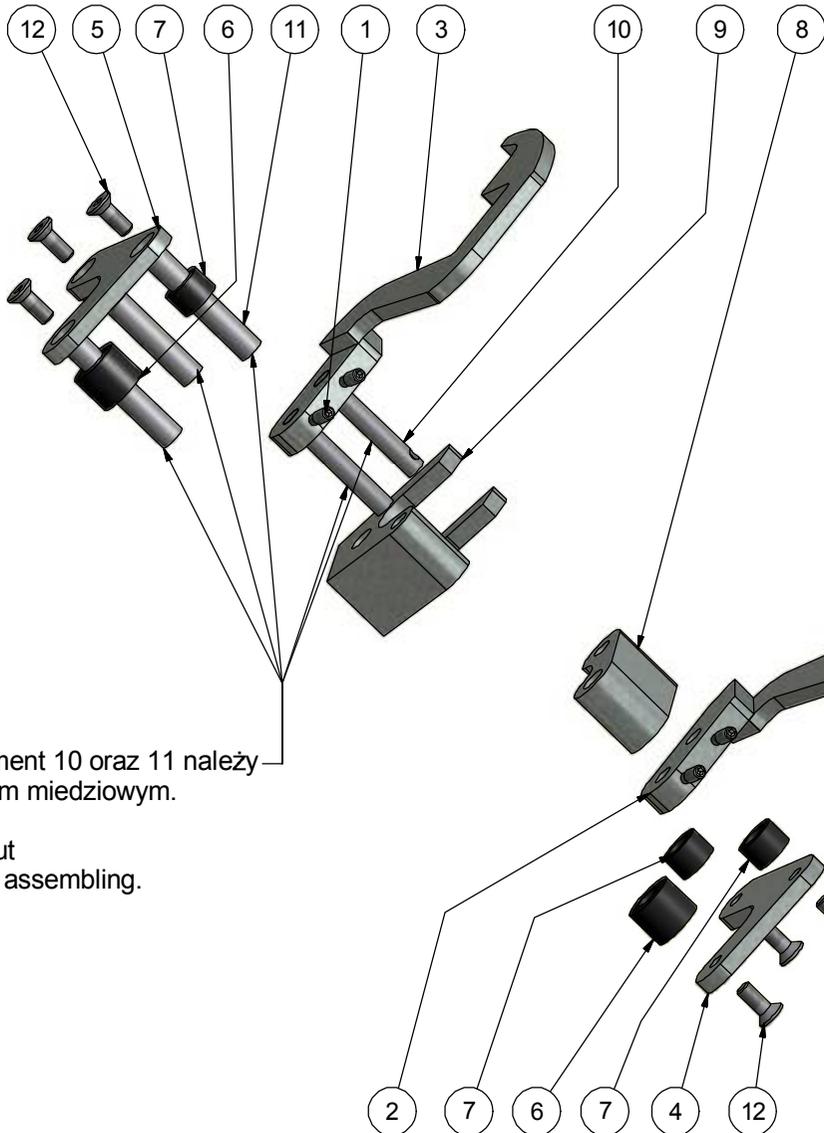


| Parts List |     |             |                                  |
|------------|-----|-------------|----------------------------------|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                      |
| 1          | 4   | 10206016    | Bolt. unbraco cyl 6x16 FZB       |
| 2          | 7   | 10206020    | Bolt unbraco cyl 6x20 FZB        |
| 3          | 4   | 10206025    | Bolt unbraco cyl 6x25 FZB        |
| 4          | 12  | 10208016    | Bolt.unbraco cyl 8x16 FZB        |
| 5          | 2   | 10208020    | Bolt.unbraco cyl 8x20 FZB        |
| 6          | 2   | 11408012    | Hexagon bolt M8x12 FZB           |
| 7          | 8   | 20406012    | Hexagon countersunk 6x12 FZB     |
| 8          | 8   | 20408016    | Hexagon countersunk 8x16 FZB     |
| 9          | 2   | 207940      | Hinge GN237-60-60                |
| 10         | 1   | 210330      | Cylinder RA/192032/M/20          |
| 11         | 1   | 210427      | Lock nut MP150189_M10x1,25       |
| 12         | 1   | 210428      | Lock nut MP150190_M12x1,25       |
| 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 induktiv sensor (yellow)    |
| 17         | 1   | 214314      | Socket with 3M wire 3p/M8        |
| 18         | 1   | 214905      | R-Joint QA-8040-27               |
| 19         | 2   | 215760      | Swirvel elbow Ø6mm 1/8"          |
| 20         | 2   | 215930      | Straight connector Ø6 1/4"       |
| 21         | 1   | 30641       | Assembly bracket for ø32cylinder |
| 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 19-12-24,8                |
| 36         | 2   | 30763       | Spacer 19-12-29,7                |
| 37         | 1   | 30768       | Plate for bodyholder w. rubber   |
| 38         | 15  | 82106000    | Washer M6 FZB                    |
| 39         | 16  | 82108000    | Washer M8 FZB                    |
| 40         | 4   | 87606000    | Washer ø6,5x16,5x3 FZB           |

| REVISION HISTORY |                      |            |          |
|------------------|----------------------|------------|----------|
| REV              | DESCRIPTION          | DATE       | APPROVED |
| A                | New drawing          | 02-06-2010 | KL       |
| B                | Screws M8x12 changed | 31-10-2012 | LL       |

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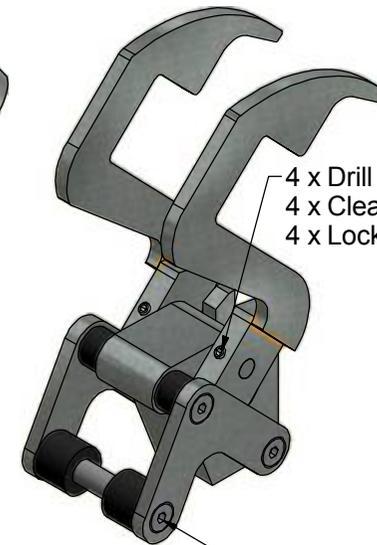
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|---|--|--|---|---------------------------------------|
|   | Skala/Scale:                           | Materiale/ Material:                         |   | Vægt/Weight:                          |
|   | 1:2                                    | Overfl. beskaffenhed/<br>Surface properties: |   | Konst./Designed:                      |
| ID-Nr./Part No.:  | Udfoldet iht./ Unfolding according to: |  | Ikke angivet tolerancer iht./<br>Not specified tolerance according to:<br>DS/ISO 2768-m | Tegnet/Drafted:                       |
| 207967  |  |  |   | Thomas Vittrup                        |
| Filnavn/Filename:<br>207967 Complete body holder system M2010.iam |  |  |   |                                       |
| Beskrivelse:<br>Complete body holder system M2010                 |  |  |   |                                       |
| Dato/Date:<br>02-06-2010  |  |  |   |                                       |
| Sidst gemt af/Last saved by: TV                                   |  | Sidst gemt/Last saved: 02-06-2010            |   | Papirtype/Sheet size: A2 sheet 1 of 3 |



| Parts List |     |             |                                      |
|------------|-----|-------------|--------------------------------------|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                          |
| 1          | 4   | 20905010    | Stop screw M5-10 FZB                 |
| 2          | 1   | 30665       | Body holder hook left                |
| 3          | 1   | 30666       | Body holder hook right               |
| 4          | 1   | 30670       | Brace for cylinder body-holder left  |
| 5          | 1   | 30671       | Brace for cylinder body-holder right |
| 6          | 2   | 30680       | Bushing for body hook 20-10,2-15,8   |
| 7          | 4   | 30682       | Bushing for body hook                |
| 8          | 1   | 30685       | Eccentric for bodyholds system       |
| 9          | 1   | 30690       | Bracket for bodyholds system         |
| 10         | 2   | 30731       | Axel for body holder system          |
| 11         | 3   | 30732       | Axel for body holder system          |
| 12         | 6   | 53406016    | Hexagon countersunk 6x16 12.9        |

Przed montażem element 10 oraz 11 należy przesmarować smarem miedziowym.

On parts 10 and 11 put copper grease before assembling.



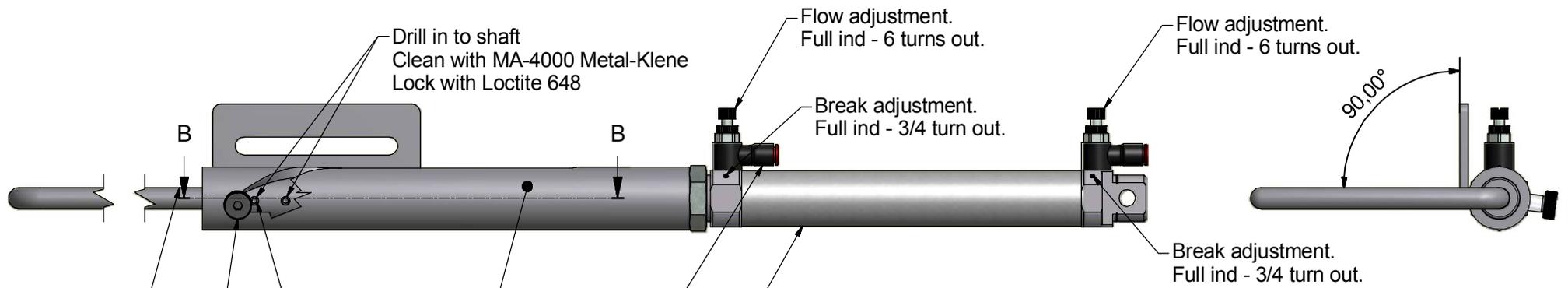
4 x Drill in to shaft / wiercić w wałku  
 4 x Clean with MA-4000 Metal Klene / czyścić MA-4000  
 4 x Lock with Loctite 648 / nałożyć klej Loctice 648

6 x Clean with MA-4000 Metal-Klene / czyścić MA-4000  
 6 x Lock with Loctite 648 / nałożyć klej Loctite 648

| REVISION HISTORY |                 |            |          |
|------------------|-----------------|------------|----------|
| REV              | DESCRIPTION     | DATE       | APPROVED |
| A                | Made            | 17-05-2004 | KC       |
| B                | Loctite Changed | 06-12-2010 | KC       |

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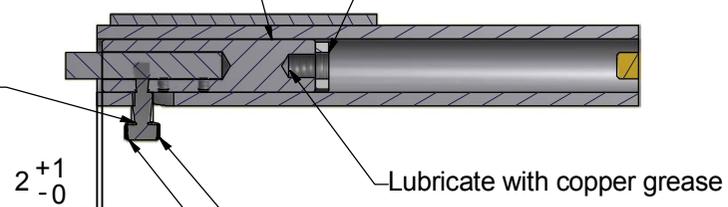
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|--|--|--|--|--------------------------|
|  | Skala/Scale:                           | Materiale/ Material:                         |  | Vægt/Weight:             |
|  | 1:1                                    | Overfl. beskaffenhed/<br>Surface properties: |  | Konst./Designed:         |
| ID-Nr./Part No.:   | Udfoldet iht./ Unfolding according to: |  | Ikke angivet tolerancer iht./<br>Not specified tolerance according to: |                          |
| 30667  |  |  | DS/ISO 2768-m  |                          |
| Filnavn/Filename:<br>30667 Ass. unit excentric bodyholde.iam |  |  |  | Dato/Date:<br>2004-05-14 |
| Beskrivelse:<br>Ass. unit excentric bodyholder               |  |  |  |                          |
| Description:   |  |  |  |                          |
| Sidst gemt af/Last saved by: TV                              | Sidst gemt/Last saved: 2004-05-17      | Papirstørrelse/Sheet size: A3 sheet 1 of 1   |  |                          |



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

B-B ( 1 : 2 )

Cut the screw 20206012 during assembling

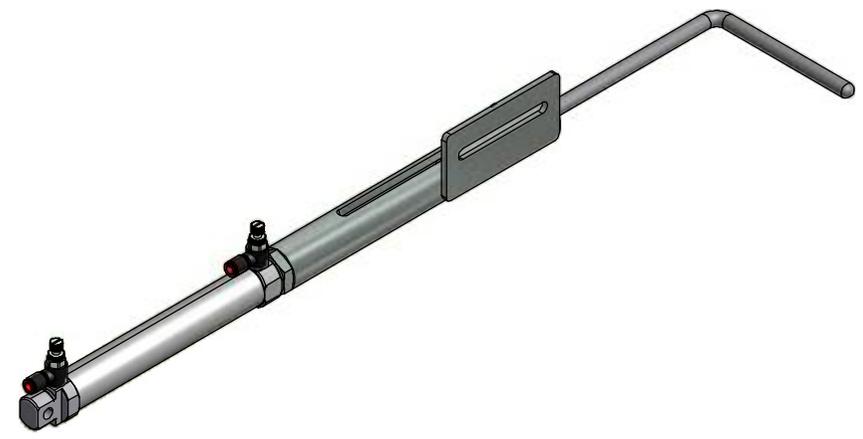


2<sup>+1</sup>  
-0

Lubricate with copper grease

Clean with MA-4000 Metal-Klene Lock with Loctite 648

Cylinder adjusting:  
The bolt must stop 2mm before the end of the groove.



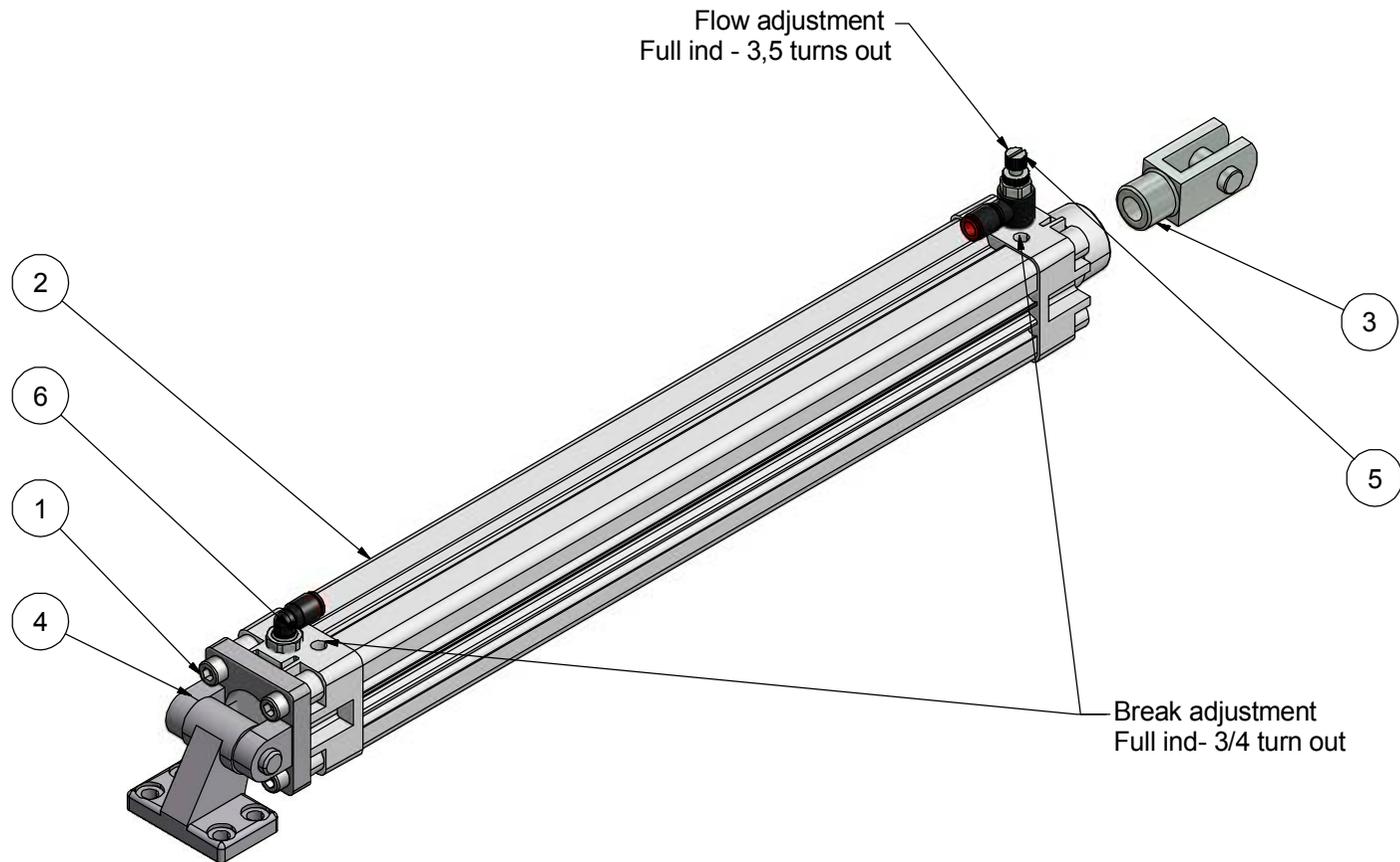
| REVISION HISTORY |                               |            |          |
|------------------|-------------------------------|------------|----------|
| REV              | DESCRIPTION                   | DATE       | APPROVED |
| A                | Made                          | 2004-05-17 |          |
| B                | Renamed, Loctite type changed | 11-06-2010 | KC       |
| B                | Text added                    | 31-10-2012 | LL       |

| Parts List |     |             |                                 |
|------------|-----|-------------|---------------------------------|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                     |
| 1          | 1   | 20206012    | Fitting bolt M6-8x12mm          |
| 2          | 2   | 20905005    | Stop screw M5-5 FZB             |
| 3          | 1   | 210427      | Lock nut MP150189 M10x1,25      |
| 4          | 1   | 211005      | Cylinder RM/8026/M/125          |
| 5          | 2   | 215105      | Banjo flow control Ø6 1/8"      |
| 6          | 1   | 30715       | Col. pipeline for body holder   |
| 7          | 1   | 30725       | Axle for pipe - bodyholder lock |
| 8          | 1   | 30730       | Roundsteel for bodylock         |

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|                                 |              |   |  |
|---------------------------------|--------------|---|--|
|                                 | Skala/Scale: | Materiale/ Material:  | Vægt/Weight:                               |
|                                 | 1:2          | Welded Steel Mild   | kg   |
| ID-Nr./Part No.:                |              | Udfoldet iht./ Unfolding according to:                              | Konst./Designed:                           |
| 30716                           |              | Ikke angivet tolerancer iht./ Not specified tolerance according to: | Tegnet/Drafted:                            |
| Filnavn/Filename:               |              | DS/ISO 2768-m   | Thomas Vittrup                             |
| Beskrivelse:                    |              |   | Dato/Date:                                 |
| Assembly bodyholder             |              |   | 14-05-2004                                 |
| Description:                    |              |   |  |
| Sidst gemt af/Last saved by: TV |              | Sidst gemt/Last saved: 17-05-2004                                   | Papirstørrelse/Sheet size: A3 sheet 1 of 1 |

| PARTS LIST |     |             |                                |
|------------|-----|-------------|--------------------------------|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                    |
| 1          | 4   | 10206020    | Bolt unbraco cyl 6x20 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      | Banjo flow control -IN- Ø6 1-8 |
| 6          | 1   | 215760      | Swirvel elbow Ø6mm 1/8"        |



Alle kanter reifes  
Breake all edges

| REV | DESCRIPTION           | DATE       | APPROVED |
|-----|-----------------------|------------|----------|
| A   | New drawing           | 07-03-2012 | LL       |
| B   | Components changed    | 21-12-2012 | MRH      |
| C   | Flow adjustment added | 03-04-2013 | MRH      |
|     |                       |            |          |

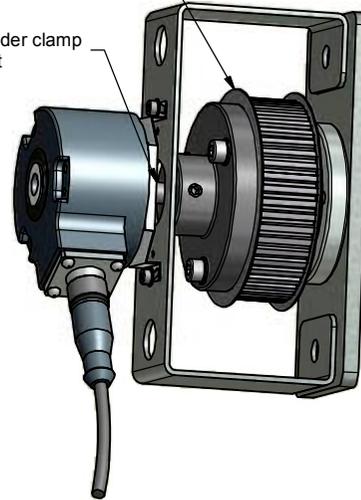
REVISION HISTORY

|  |  |  |                   |
|--|--|--|-------------------|
| <br><small>HIG Hedensted Gruppen</small> | Scale:<br>1 : 2                                    | Ikke angivet tolerancer iht./ Not specified tolerance according to:<br>DS/ISO 2768-m | Sheet size:<br>A3 |
|  | <br>Overfl: beskaffenhed/Surface properties:<br>No | Sheet:<br>1 / 1  |                   |
| Part No.:<br>210179                      | Material:  |  |                   |
| Description:<br>Cylinder for paw stretch |  |  |                   |
| Description:                             |  |  |                   |

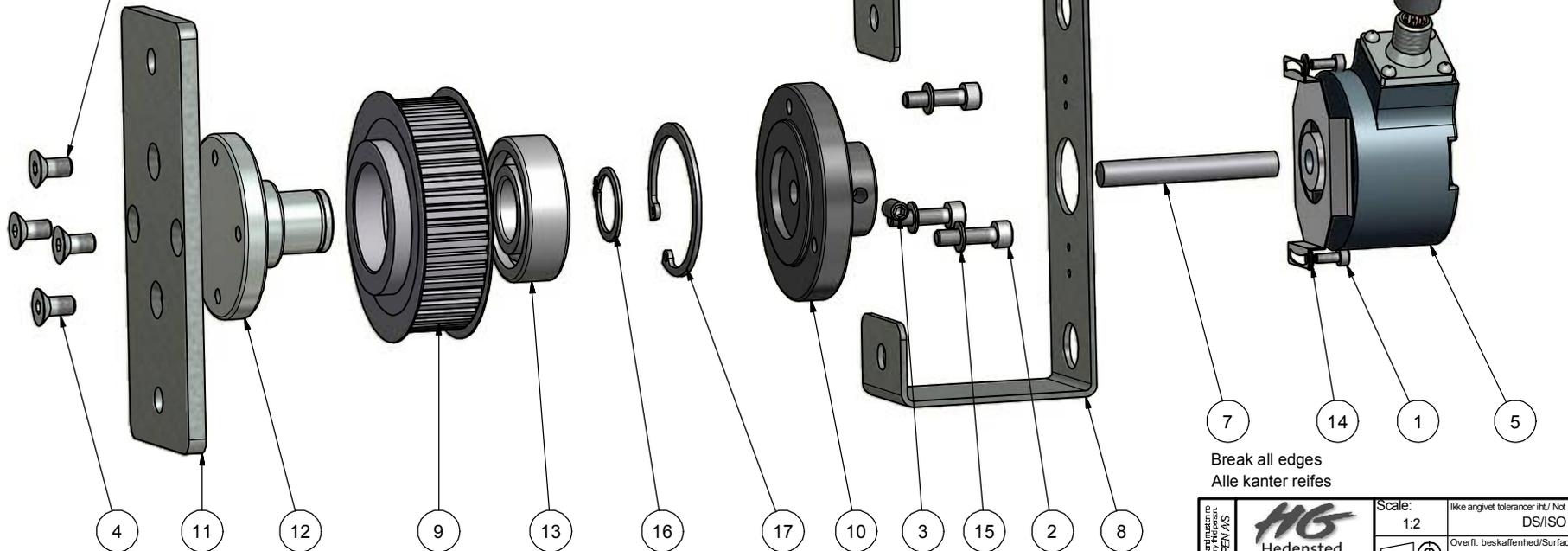
| Parts List |     |             |  |
|------------|-----|-------------|--|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                            |
| 1          | 2   | 10203008    | Bolt Unbraco cyl 3x08 FZB              |
| 2          | 3   | 10205020    | Bolt unbrako cyl 5x20 FZB              |
| 3          | 1   | 10506010    | Stop screw 6x10 mm black               |
| 4          | 4   | 20406012    | Hexagon countersunk 6x12 FZB           |
| 5          | 1   | 207956      | Encoder Type 8.5020.C922.0500          |
| 6          | 1   | 207957      | Cable with plug 5 mtr                  |
| 7          | 1   | 30171       | Shaft for encoder                      |
| 8          | 1   | 30174       | Mounting plate for AT5 pulley          |
| 9          | 1   | 30260       | Pulley AT5-Z48                         |
| 10         | 1   | 30261       | Hub for encoder                        |
| 11         | 1   | 30269       | Mountingplate for AT5 pulley fixed end |
| 12         | 1   | 30300       | Flange for AT5 pulley                  |
| 13         | 1   | 473038      | Bearing 6204 2 RS1                     |
| 14         | 2   | 82103000    | Washer M3 FZB                          |
| 15         | 3   | 82105900    | Washer M5 FZB                          |
| 16         | 1   | 89720000    | Seeger ring for shaft Ø20 din 471      |
| 17         | 1   | 89847000    | Seeger ring for bore Ø47 din 472       |

Remember to put belt under the bracket before mounting on the frame

Tighten the encoder clamp around the shaft



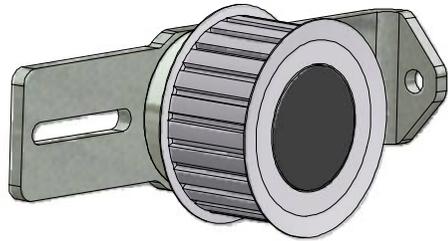
4x Cleanse with MA-4000 Metal cleane  
4x Lock with loctite 243



Break all edges  
Alle kanter reifes

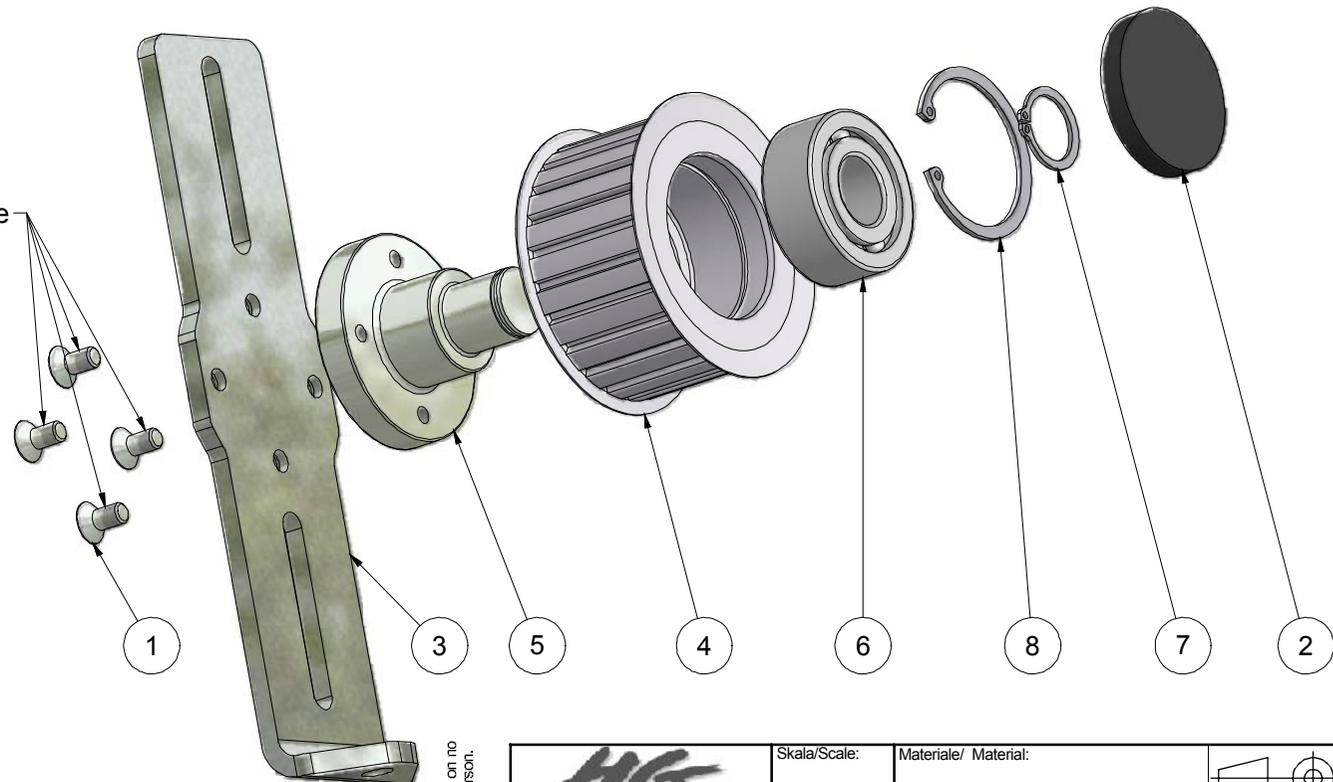
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|   |  |  | Overfl. beskaffenhed/Surface properties:  | Tegnet/Drafted:<br>KL          |
|   | Part No.: 30262  | Udskillet iht/ Unfolding according to:   | Material:   | Date:<br>14-05-2004            |
|   | Beskrivelse: Assembly AT5 pulley fixed end<br>Description: Combi / Quick cut |  |   |                                |
| Slett gennr. off. Last saved by:                    |  | Slett gennr. off. Last saved: 06-03-2007 |   | Sheet size: A3<br>Sheet: 1 / 1 |

| REVISION HISTORY |             |            |          |
|------------------|-------------|------------|----------|
| REV              | DESCRIPTION | DATE       | APPROVED |
| A                | New drawing | 06-03-2007 | KL       |
| B                | Cabel added | 06-02-2013 | MRH      |



| Parts List |     |             |                                    |
|------------|-----|-------------|------------------------------------|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                        |
| 1          | 4   | 20406012    | Hexagon countersunk head 6x12 FZB  |
| 2          | 1   | 207938      | Cover for bearing 47-7 NBR         |
| 3          | 1   | 30264       | Adjustable plate for vertical belt |
| 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



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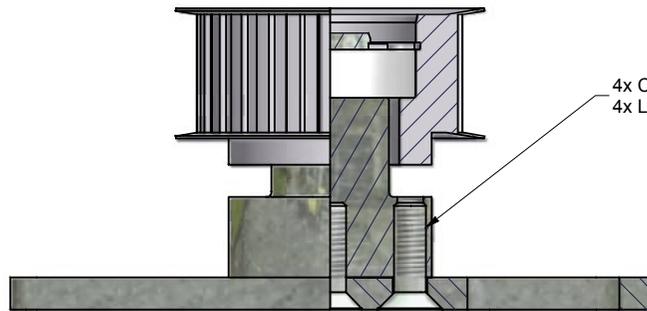
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|   | Skala/Scale:                           | Materiale/ Material:   |  | Vægt/Weight:                      |
|   | 1:1                                    | Overfl. beskaffenhed/<br>Surface properties:                           |  | kg                                |
| ID-Nr./Part No.:                                    | Udfoldet iht./ Unfolding according to: | Ikke angivet tolerancer iht./<br>Not specified tolerance according to: |  | Konst./Designed:                  |
| 30270   |  | DS/ISO 2768-m  |  | KL                                |
| Filnavn/Filename:<br>30270 Assembly AT10 pulley.iam |  |  |  | Tegnet/Drafted:<br>Thomas Vittrup |
| Beskrivelse:<br>Assembly AT10 pulley                |  |  |  | Dato/Date:<br>14-05-2004          |
| Description:<br>Combi cut                           |  |  |  |                                   |
| Sidst gemt af/Last saved by: TV                     | Sidst gemt/Last saved: 17-05-2004      | Papirstørrelse/Sheet size: A3 sheet 1 of 1                             |  |                                   |

| REVISION HISTORY |              |            |          |
|------------------|--------------|------------|----------|
| REV              | DESCRIPTION  | DATE       | APPROVED |
| A                | New drawing  | 14-04-2005 | KL       |
| B                | Name changed | 06-05-2010 | KL       |

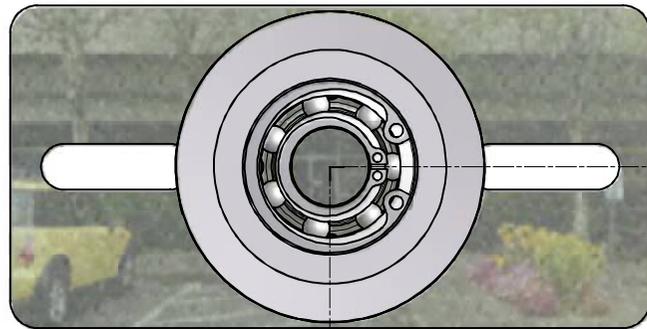
Parts List

| ITEM | QTY | PART NUMBER | DESCRIPTION                       |
|------|-----|-------------|-----------------------------------|
| 1    | 1   | 30585       | Pulley AT5-32                     |
| 2    | 1   | 30805       | Mounting plate for AT5 pulley     |
| 3    | 1   | 30590       | Flange for pulley AT5-32          |
| 4    | 1   | 89832000    | Seeger ring for bore Ø32 din 472  |
| 5    | 1   | 89715000    | Seeger ring for shaft Ø15 din 471 |
| 6    | 1   | 473014      | Bearing 6002 2 RS1                |
| 7    | 4   | 20406020    | Hexagon countersunk head 6x20 FZB |

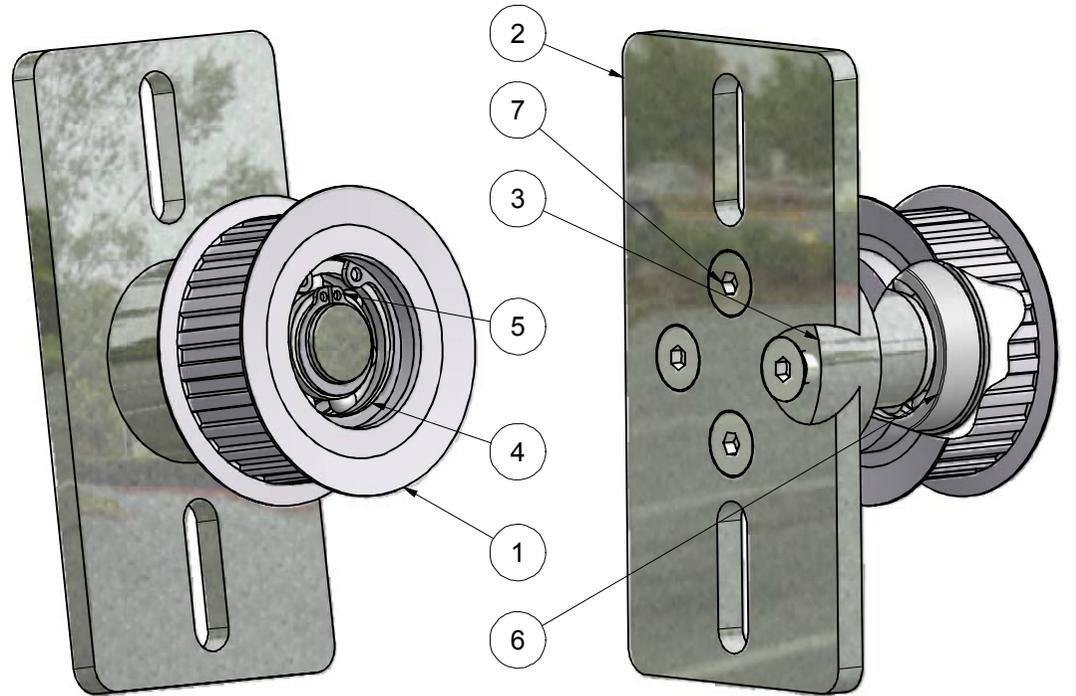
A-A (1:1)



4x Cleane with MA-4000 Metal cleane  
4x Lock with loctite 243



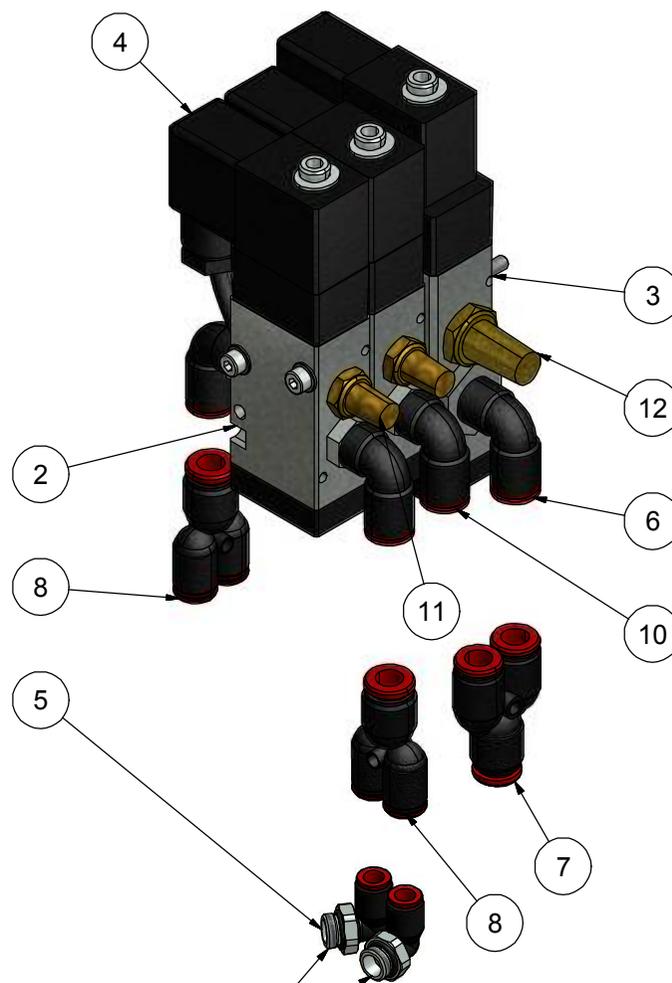
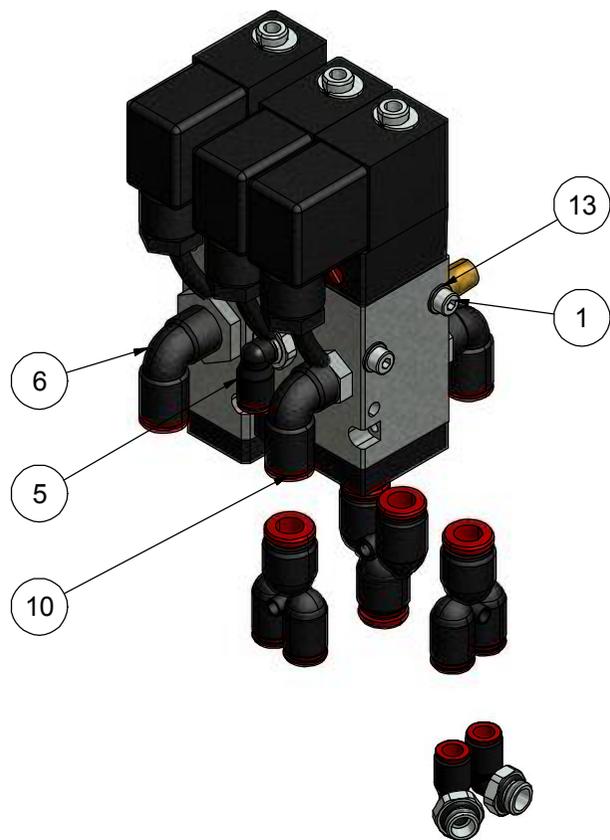
A



Break all edges  
Alle kanter reifes

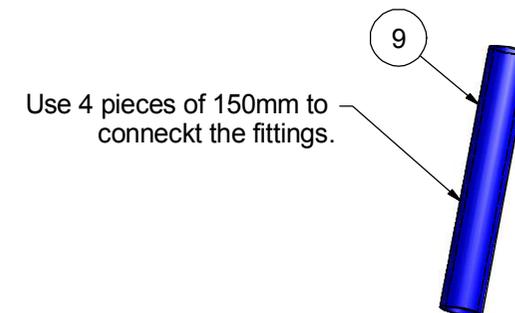
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|   |   |                                       | Overfl. beskaffenhed/Surface properties:  | Tegnet/Drafted:<br>KL  |
|   | Part No.: 30586   | Udfoldet iht/ Unfolding according to: | Material:   | Date:<br>16-05-2004    |
|   | Beskrivelse: Assembly AT5 -32 pulley<br>Description: Assembly AT5-32 pulley |                                       |   |                        |
| Side gemt af: Last saved by: KL                       |   | Side gemt: Last saved: 19-04-2005     |   | Sheet size: A3         |
| Sheet 1 / 1   |   |                                       |   |                        |

| REVISION HISTORY |                       |            |          |
|------------------|-----------------------|------------|----------|
| REV              | DESCRIPTION           | DATE       | APPROVED |
| A                | Made                  | 19-04-2005 | KL       |
| B                | Renamed Locking added | 05-05-2010 | KC       |



Mount in screen on paw cutter.

| PARTS LIST |       |             |                             |
|------------|-------|-------------|-----------------------------|
| ITEM       | QTY   | PART NUMBER | DESCRIPTION                 |
| 1          | 2     | 11104080    | Bolt unbraco cyl 4x80 FZB   |
| 2          | 2     | 215040      | Valve solenoid 3-2 12v 1/8" |
| 3          | 1     | 215047      | Valve solenoid 3-2 12v 1-4  |
| 4          | 3     | 215184      | Socket 22mm with 3m wire    |
| 5          | 3     | 215760      | Swirvel elbow Ø6mm 1/8"     |
| 6          | 2     | 215770      | Swirvel elbow Ø8 1/4"       |
| 7          | 1     | 215870      | Y-connector Ø8              |
| 8          | 2     | 215875      | Y-connector Ø6-Ø8           |
| 9          | 0,6 m | 216124      | Air hose Ø8mm blue          |
| 10         | 3     | 216536      | Swirvel elbow Ø8 1/8"       |
| 11         | 2     | 216796      | Silencer 1/8" T40C-1800     |
| 12         | 1     | 216797      | Silencer 1/4" T40C-2800     |
| 13         | 2     | 82104000    | Washer M4 FZB               |



| REV | DESCRIPTION                  | DATE       | APPROVED |
|-----|------------------------------|------------|----------|
| A   | New drawing                  | 07-03-2012 | LL       |
| B   | Mounting screws added        | 30-10-2012 | LL       |
| C   | Air hose and fittings added. | 25-01-2013 | MRH      |

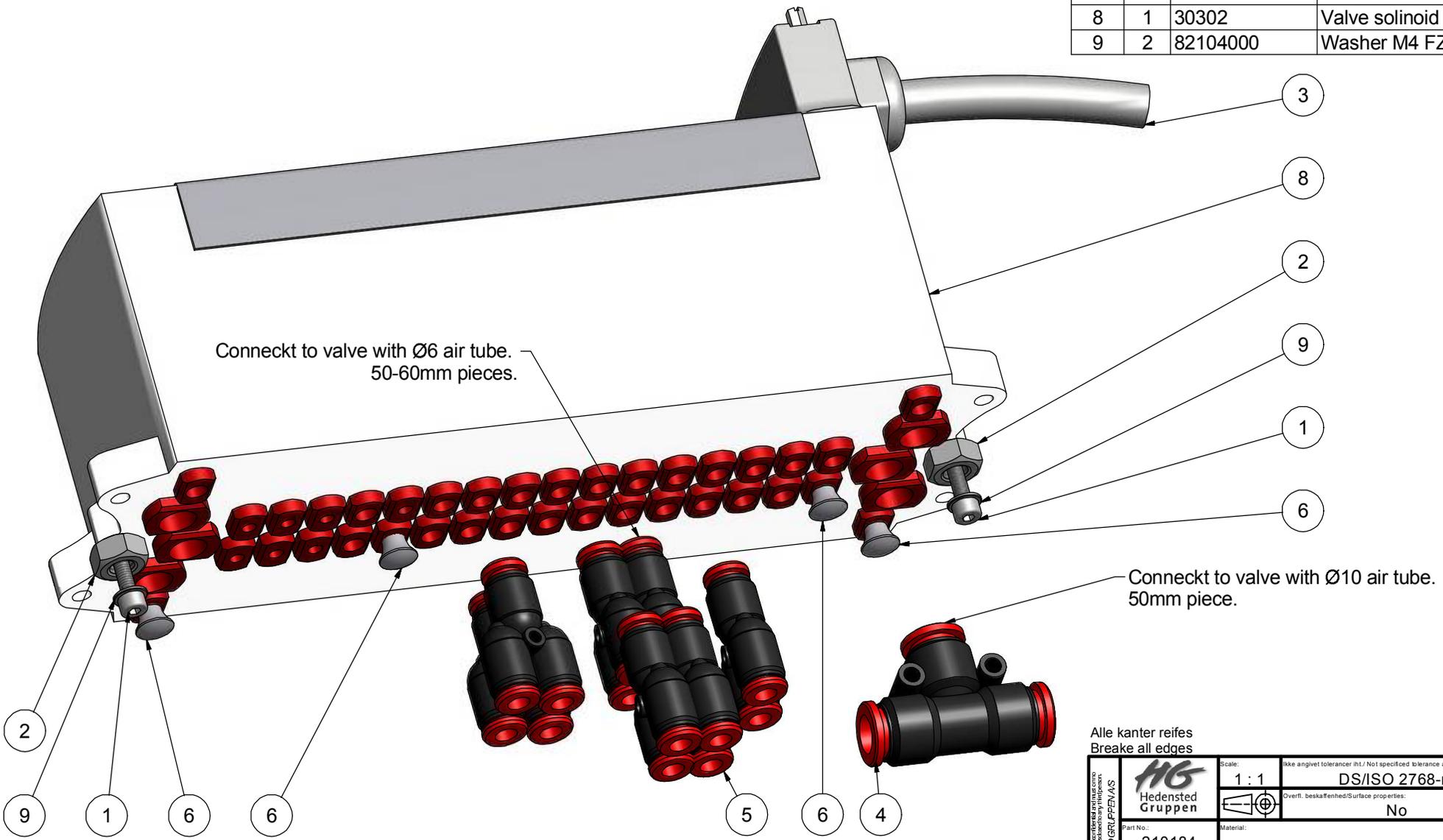
REVISION HISTORY

Alle kanter reifes  
Breake all edges

|  |                                |                   |  |                   |
|--|--------------------------------|-------------------|--|-------------------|
| HEDENSTED GRUPPEN A/S<br>Hedenstedvej 10, 8300 Hedensted<br>Tlf: +45 78 40 40 40<br>Fax: +45 78 40 40 41<br>www.hedenstedgruppen.com |                                | Scale:<br>1 : 1,5 | Ikke angivet tolerancer iht./ Not specified tolerance according to:<br>DS/ISO 2768-m | Sheet size:<br>A3 |
|  | Part No.:<br>210183            | Material:         | Overfl: beskaffenhed/Surface properties:<br>No                                       | Sheet:<br>1/1     |
|  | Description:<br>Valve assembly |                   |  |                   |
|  | Description:                   |                   |  |                   |

PARTS LIST

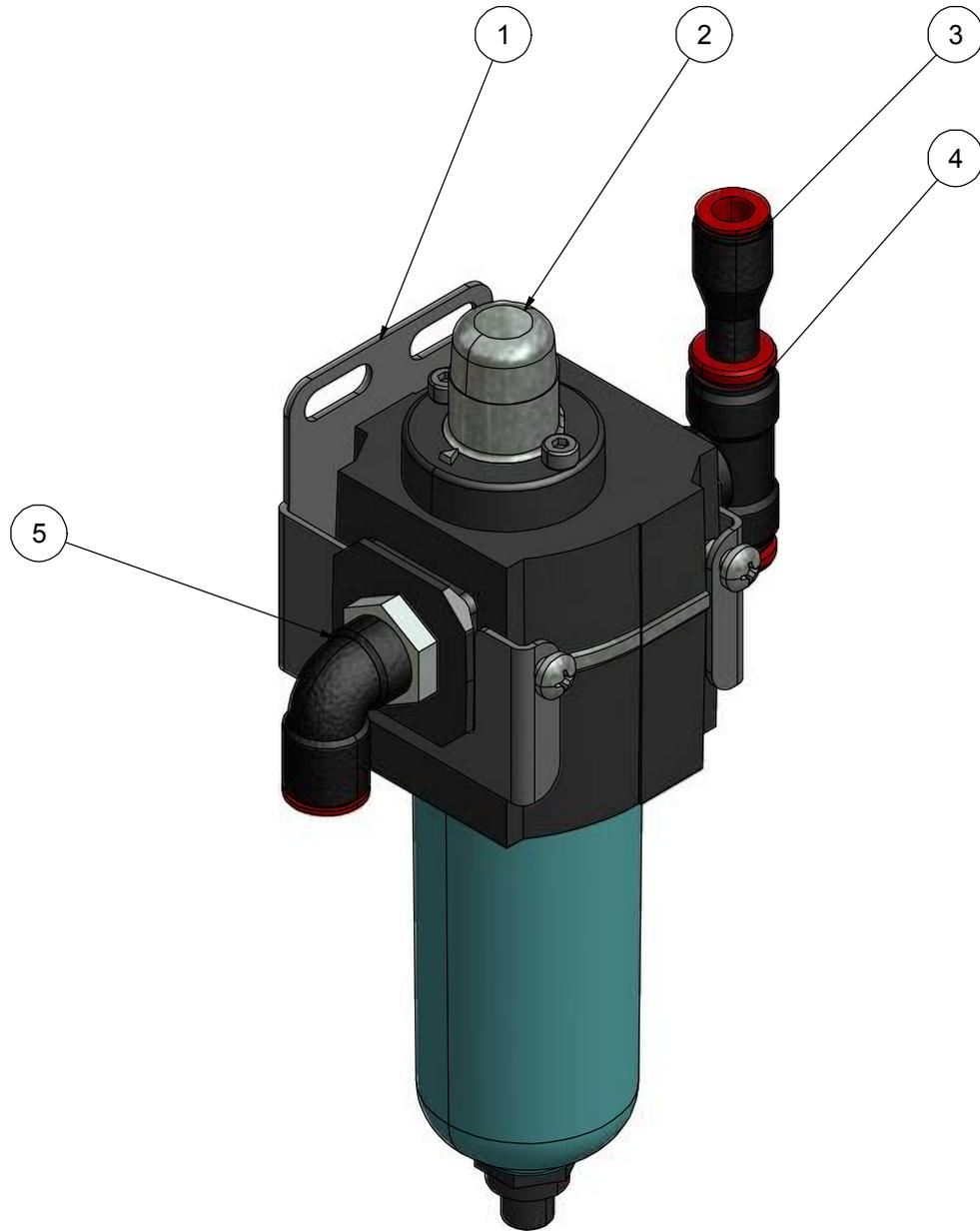
| ITEM | QTY | PART NUMBER | DESCRIPTION                |
|------|-----|-------------|----------------------------|
| 1    | 2   | 10204016    | Bolt.unbraco cyl 4x16 FZB  |
| 2    | 2   | 1508000     | Nut M8 FZB                 |
| 3    | 1   | 215172      | Cable 3m Sub44 VM10 90gr   |
| 4    | 1   | 215855      | T-piece outs. Ø10 x 10mm   |
| 5    | 7   | 215860      | Y-connector Ø6mm           |
| 6    | 4   | 216748      | Plug Ø6 mm                 |
| 7    | 1   | 30168       | Shield for VM10 valve      |
| 8    | 1   | 30302       | Valve solinoid 16-stations |
| 9    | 2   | 82104000    | Washer M4 FZB              |



Alle kanter reifes  
Broke all edges

|  |   |                                |   |               |             |     |  |
|--|---|--------------------------------|---|---------------|-------------|-----|--|
| HEDENSTED GRUPPEN A/S<br>Hedenstedvej 10<br>8260 Hedensted<br>Denmark<br>Tel: +45 87 46 46 46<br>Fax: +45 87 46 46 47<br>Email: hedensted@hedenstedgruppen.com | Scale:                                  | 1 : 1                          | Ikke angivet tolerancer iht./ Not specified tolerance according to: | DS/ISO 2768-m | Sheet size: | A3  |  |
|  | Overf. beskaffenhed/Surface properties: | No                             |   |               | Sheet:      | 1/1 |  |
|  | Part No.:                               | 210184                         | Material:   |               |             |     |  |
|  | Description:                            | Assembly VM10 valve for CC2010 |   |               |             |     |  |

| REV              | DESCRIPTION | DATE       | APPROVED |
|------------------|-------------|------------|----------|
| A                | Made        | 21-12-2012 | MRH      |
| REVISION HISTORY |             |            |          |



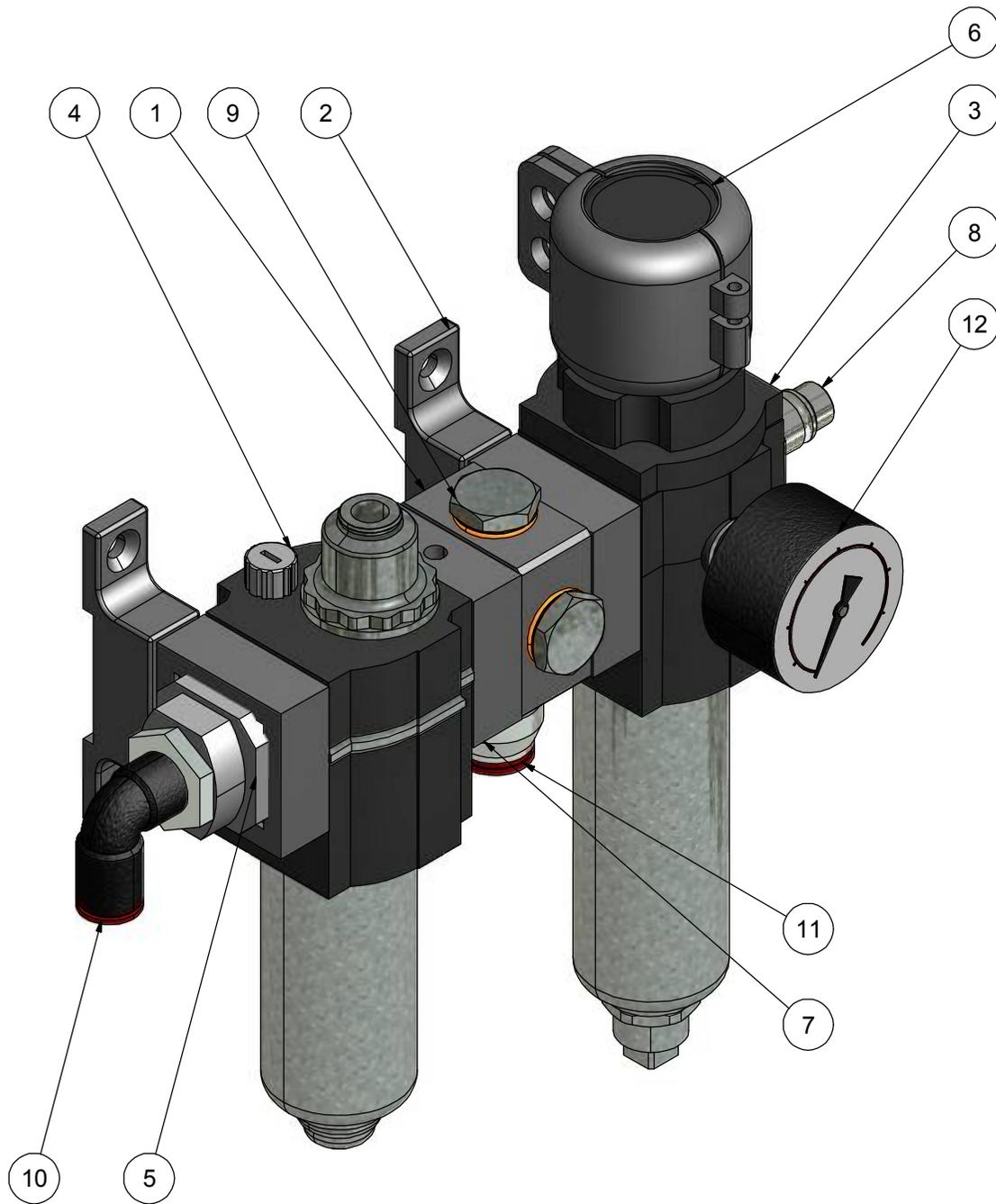
| PARTS LIST |     |             |                              |
|------------|-----|-------------|------------------------------|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                  |
| 1          | 1   | 210189      | Brace for filter             |
| 2          | 1   | 210191      | Air filter 0,01My            |
| 3          | 1   | 216682      | Stem reducer Ø10 - Ø8        |
| 4          | 1   | 216386      | Swirvel T-connector Ø10 3/8" |
| 5          | 1   | 215780      | Swirvel elbow Ø10 3/8"       |

Alle kanter reifes  
Breake all edges

|   |  |                        |   |                          |
|---|--|------------------------|---|--------------------------|
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|   | Part No.:<br><b>210187</b>             | Material:              | Overf: beskaffenhed/Surface properties:<br><b>No</b>  | Sheet:<br><b>1/1</b>     |
|   | Description:<br><b>Filter assembly</b> |                        |   |                          |

| REV | DESCRIPTION | DATE       | APPROVED |
|-----|-------------|------------|----------|
| A   | New model   | 07-03-2012 | LL       |

REVISION HISTORY



| PARTS LIST |     |             |                                  |
|------------|-----|-------------|----------------------------------|
| ITEM       | QTY | PART NUMBER | DESCRIPTION                      |
| 1          | 1   | 210198      | Splitter                         |
| 2          | 2   | 210176      | Mounting brace                   |
| 3          | 1   | 210178      | Filter regulator                 |
| 4          | 1   | 210185      | Sight feed lubricator            |
| 5          | 1   | 210195      | Insert                           |
| 6          | 1   | 210196      | Cover for regulator              |
| 7          | 1   | 210175      | Quickclamp                       |
| 8          | 1   | 217051      | Quick release coupling male 1/4" |
| 9          | 2   | 216739      | Plug male 1/4"                   |
| 10         | 1   | 216537      | Swirvel elbow Ø8 1/4"            |
| 11         | 1   | 215940      | Straight connector Ø10 1-4       |
| 12         | 1   | 215550      | Gauge 0-10 bar 1/8" Ø40          |

Alle kanter reifes  
Breake all edges

|  |                            |   |  |
|--|----------------------------|---|--|
| HEDENSTED GRUPPEN A/S<br>Hedensted Gruppen<br>Hedenstedvej 10<br>DK-5450 Hedensted<br>Tlf: +45 75 50 50 50<br>Fax: +45 75 50 50 51<br>E-mail: hedensted@hedenstedgruppen.com | Scale:<br><b>1 : 1</b>     | Ikke angivet tolerancer iht./ Not specified tolerance according to:<br><b>DS/ISO 2768-m</b> | Sheet size:<br><b>A3</b>                     |
|  |                            | Overfl. beskaffenhed/Surface properties:<br><b>No</b>                                       | Sheet:<br><b>1/1</b>                         |
|  | Part No.:<br><b>210188</b> | Material:   | Description:<br><b>Filter regulator unit</b> |
| Description:   |                            |   |  |

| REV              | DESCRIPTION | DATE       | APPROVED |
|------------------|-------------|------------|----------|
| A                | New drawing | 07-03-2012 | LL       |
| REVISION HISTORY |             |            |          |



Parts List

| ITEM | QTY | PART NUMBER | DESCRIPTION                       |
|------|-----|-------------|-----------------------------------|
| 1    | 1   | 30380       | Angle bracket for pawholder guide |
| 2    | 1   | 30385       | Guide for pawholder               |
| 3    | 2   | 82108000    | Washer M8 FZB                     |
| 4    | 2   | 11408020    | Hexagon bolt m8x20 FZB            |



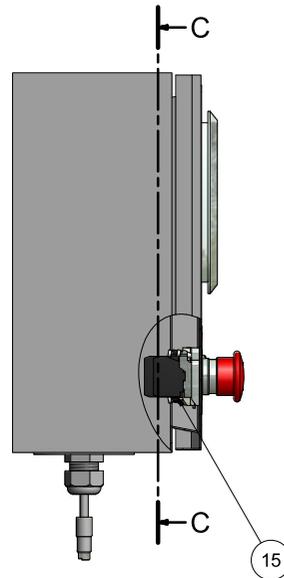
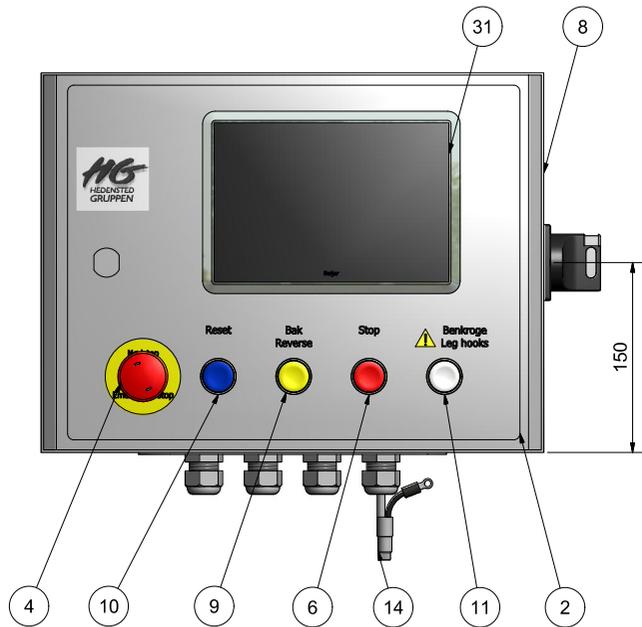
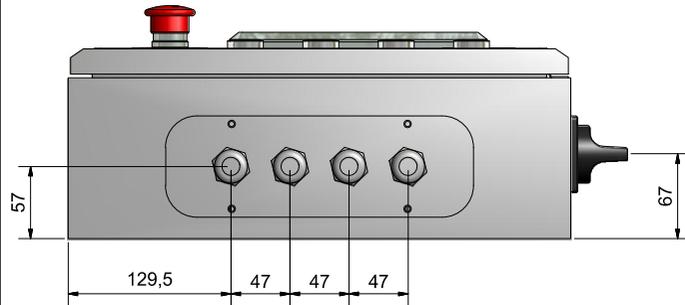
Alle kanter reifes  
Breake all edges

|  |       |                                      |   |                  |
|--|-------|--------------------------------------|---|------------------|
| HEDENSTED GRUPPEN A/S<br>HEDENSTED GRU...  |       | Scale:                               | Ikke angivet tolerance iht/ Not specified tolerance according to: | Konst./Designed: |
|  |       |                                      | DS/ISO 2768-m   |                  |
|  |       |                                      | Overfl. beskaffenhed/Surface properties:                          | Tegnet/Drafted:  |
|  |       |                                      |   | KC               |
| Part No.:  | 30382 | Update iht / Unfolding according to: | Material:   | Date:            |
|  |       |                                      |   | 15-05-2004       |
| Description: Assembly curve for pawholder right  |       |                                      |   |                  |
| Description:   |       |                                      |   |                  |
| Sist gemt aft. ast saved by: KC    Sist gemt/Last saved: 19-05-2010    Sheet size: A3    Sheet 1 / 1 |       |                                      |   |                  |

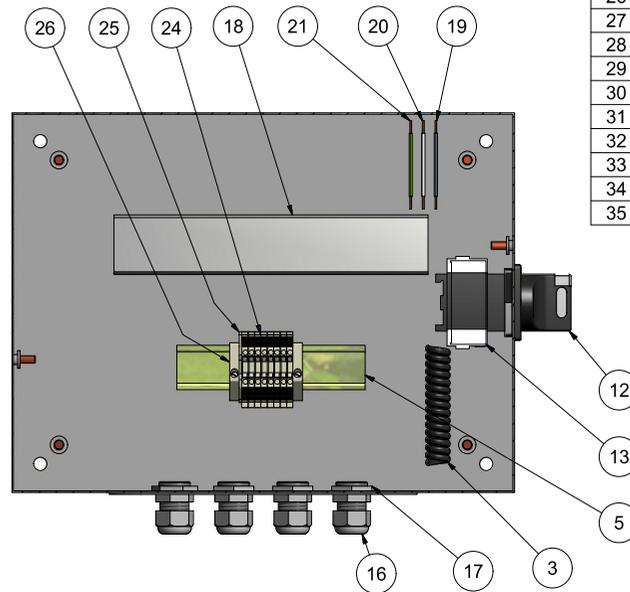
| REVISION HISTORY |             |            |          |
|------------------|-------------|------------|----------|
| REV              | DESCRIPTION | DATE       | APPROVED |
| A                | Made        | 19-05-2010 | kc       |

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       | Label for CC 2010              |
| 3    | 0,25 m  | 475910      | Flex hose 15mm SPS 15          |
| 4    | 1       | 600100      | Emergencystop button ZB4BS844  |
| 5    | 0,15 m  | 600155      | DIN rail                       |
| 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   | 0,250 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              |

Alle kanter reifes  
Breake all edges

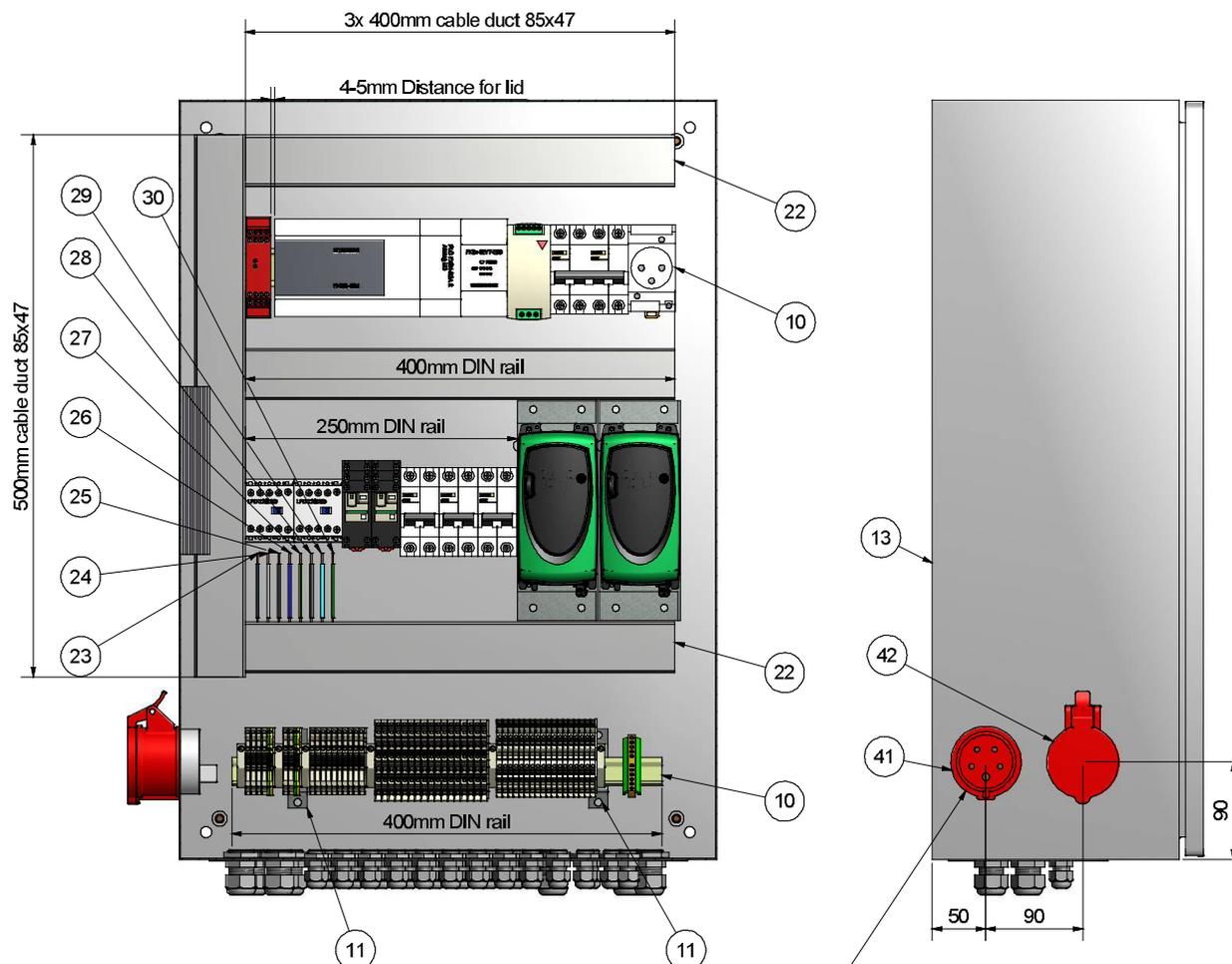
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|              | Material:                        | No    | No            | Sheet:      | 1 / 2 |
| Part No:     | 600303                           |       |               |             |       |
| Description: | Cabinet assembly 300 x 400 x 150 |       |               |             |       |

| REV | DESCRIPTION                 | DATE       | APPROVED |
|-----|-----------------------------|------------|----------|
| A   | New drawing                 | 03-03-2012 | KL       |
| B   | Electrical components added | 23-01-2013 | MRH      |
| C   | Changed to T7A HMI          | 05-12-2014 | KL       |
| REV | DESCRIPTION                 | DATE       | APPROVED |

REVISION HISTORY

PARTS LIST

| ITEM | QTY    | PART NUMBER | DESCRIPTION                    |
|------|--------|-------------|--------------------------------|
| 1    | 1      | 206731      | Secur. modulel 24VAC/DC Cat3   |
| 2    | 1      | 207960      | Freq converter SKA0,37kW       |
| 3    | 2      | 207961      | Low Leak filter for SKA        |
| 4    | 1      | 207978      | Freq converter SKA0,75kW       |
| 5    | 2      | 207980      | Break resistance for SKA       |
| 6    | 1      | 30109       | Electricity instalation CC2010 |
| 7    | 17     | 600112      | Terminal block DLD 2.5/35      |
| 8    | 1      | 600125      | End plate AP-DLD nr 131766     |
| 9    | 4      | 600130      | Cross connector Q10 no131310   |
| 10   | 1,05 m | 600155      | DIN rail                       |
| 11   | 2      | 600156      | Bracket 45deg for Din rail     |
| 12   | 2      | 600288      | Contact.LP1K1201BD 24VDC       |
| 13   | 1      | 600305      | Electric cabinet 700x500x250   |
| 14   | 1      | 600313      | PLC FX3G-40MR-ES               |
| 15   | 1      | 600314      | Additional modul. FX2N-8EYT-ES |
| 16   | 1      | 600408      | PLC FX2N-2DA 2 OUT             |
| 17   | 1      | 600420      | Socket PC16/2 2P 16A DK M/J    |
| 18   | 22     | 600460      | Cable gland M16                |
| 19   | 7      | 600465      | Cable gland M25                |
| 20   | 22     | 600470      | Nut M16 polyamid               |
| 21   | 7      | 600480      | Nut M25 polyamid               |
| 22   | 1,70 m | 600485      | Cable duct 85x47               |
| 23   | 50,0 m | 600490      | Cord HO5V2K 1x0,75 d. blue PVT |
| 24   | 12,0 m | 600495      | Cord HO5V2K 1x0,75 White PVT   |
| 25   | 8,0 m  | 600500      | Cord HO7V2K 1x1,5 Black PVT    |
| 26   | 5,0 m  | 600502      | Cord HO7V2K 1x1,5 Blue PVT     |
| 27   | 7,0 m  | 600510      | Cord HO7V2K 1x1,5 G/G PVT      |
| 28   | 13,0 m | 600515      | Cord HO7V2K 1x2,5 Black PVT    |
| 29   | 2,0 m  | 600520      | Cord HO7V2K 1x2,5 L.Blue. PVT  |
| 30   | 3,0 m  | 600525      | Cord HO7V2K 1x2,5 G/G PVT      |
| 31   | 550    | 600530      | Pin/Iso H0,75/14 902123 P500   |
| 32   | 40     | 600540      | Pin/Iso H1,50/14D P500         |
| 33   | 15     | 600545      | Pin/iso H2,7514T P500          |
| 34   | 16     | 600550      | Terminal block WDU_2,5         |
| 35   | 3      | 600555      | End plate WAP 2,5-10           |
| 36   | 18     | 600560      | Terminal block WDK 2,5         |
| 37   | 1      | 600565      | End plate WAP DK 2,5           |
| 38   | 2      | 600580      | Cross connector WQV 2,5/10 10P |
| 39   | 2      | 600585      | Earthing terminal WPE 2,5      |
| 40   | 6      | 600590      | End bracket EW 35              |
| 41   | 1      | 600615      | CEE Wall intake 5P/16a/400V.   |
| 42   | 1      | 600620      | CEE Wall outle 5P/16A/400V     |
| 43   | 6      | 600632      | Cable shoe 1,5-2,5 Ø6          |
| 44   | 1      | 600665      | Earthing terminal 11 Pol       |
| 45   | 600    | 600685      | Panduit Label for Laser        |
| 46   | 1      | 600812      | Label sheet 5-0 47339 blue     |
| 47   | 1      | 600814      | Label sheet 0-5 47339 red      |
| 48   | 2      | 600930      | Socket for RXM2, RXZE2S108M    |
| 49   | 2      | 600935      | Relay 12A 2CO_RMX2             |
| 50   | 1      | 600940      | Label sheet 5-FVWZ 52306 1-10A |
| 51   | 1      | 600945      | Label sheet 11-20 5-FVWZ 52306 |
| 52   | 1      | 600947      | Label sheet 52306 MRK21-30A    |
| 53   | 1      | 600982      | Label sheet 5- L1L2L3+N+PE     |
| 54   | 1      | 600990      | Label sheet 5MM X              |
| 55   | 1      | 600992      | Label sheet 5MM Y              |
| 56   | 1      | 600993      | Label sheet 5MM U1 V1 W1       |
| 57   | 2      | 601035      | Auto. fuse 16A C 1P+N          |
| 58   | 1      | 601040      | Auto. fuse 6A C 1P+N           |
| 59   | 1      | 601100      | Automatic fuse.16A C 3P+N      |
| 60   | 1      | 601275      | Power supply SPD24061          |

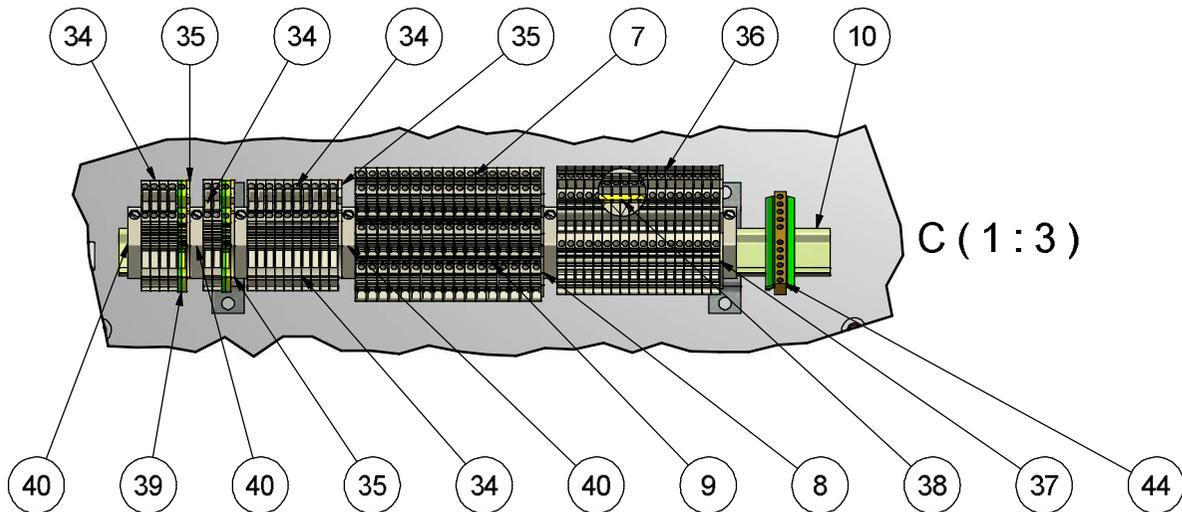
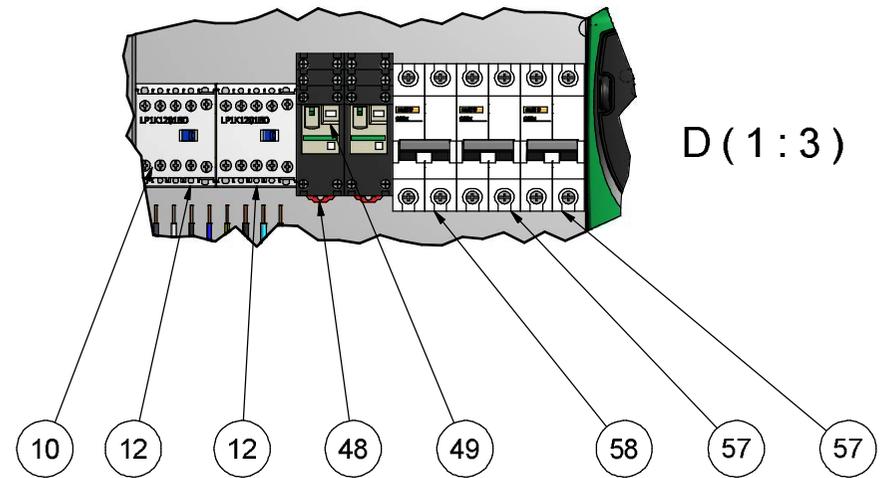
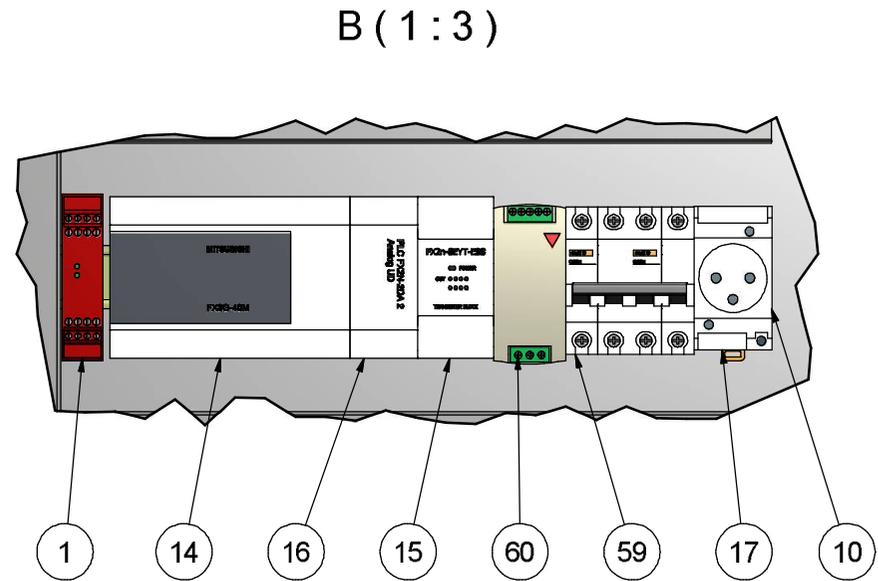
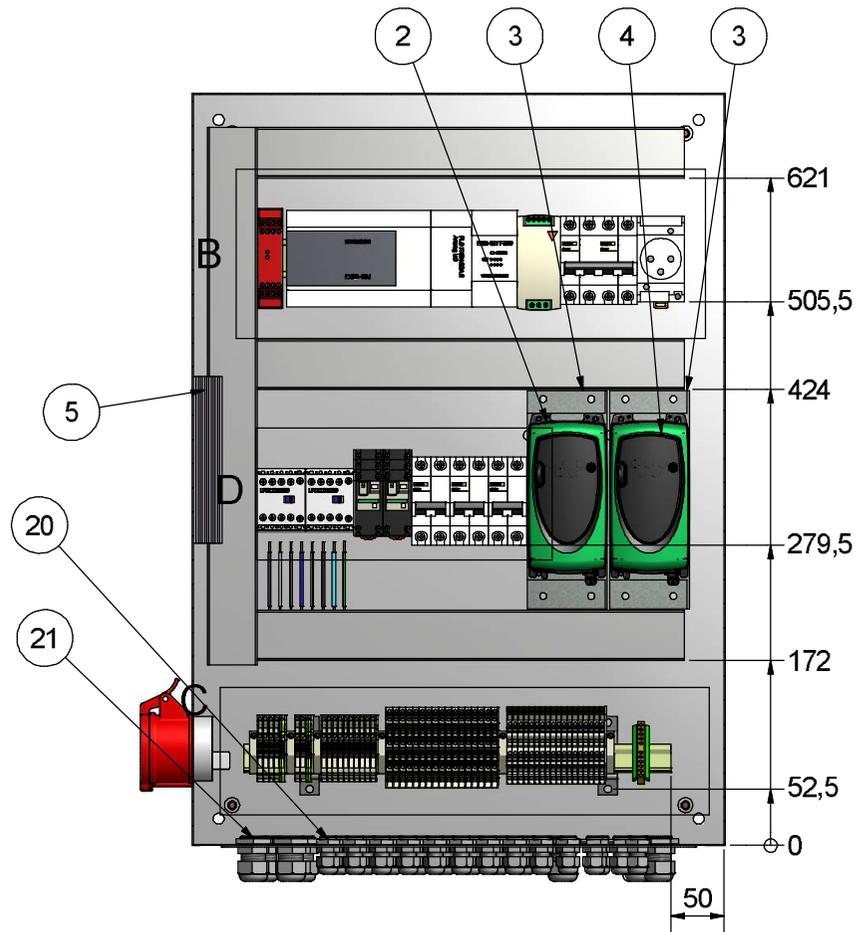


Deliver part 27 in box loss.  
Is mounted when cables are connected.

| REV | DESCRIPTION                              | DATE       | APPROVED |
|-----|--|------------|----------|
| A   | New drawing                              | 03-03-2012 | KL       |
| B   | 45 deg angle added                       | 09-03-2012 | KL       |
| C   | Descriptions added                       | 29-10-2012 | LL       |
| D   | Electrical components added              | 22-01-2013 | MRH      |
| E   | Break resistance moved from 250 to 280mm | 03-04-2013 | MRH      |
| D   | 2 pcs of M16 Cable glands added          | 18-01-2013 | LL       |
| F   | 1 M16 Cable Gland added                  | 03-04-2014 | MAC      |

|  |  |                 |  |               |  |           |  |
|--|--|-----------------|--|---------------|--|-----------|--|
| Alle kanten reiftes<br>Breake at edges |  | Scale: 1:3,5    |  | DS/ISO 2768-m |  | Sheet: A2 |  |
| Hedested Gruppen                       |  | Part no: 600932 |  | Nb            |  | 1/3       |  |
| Cabinet assembly - Combi cut           |  |                 |  |               |  |           |  |

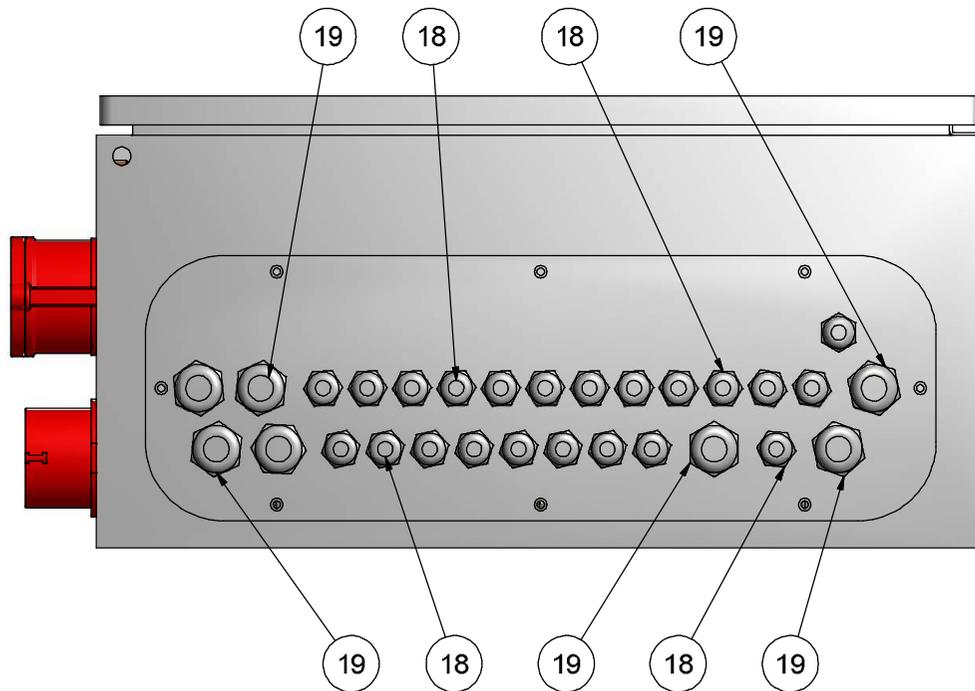
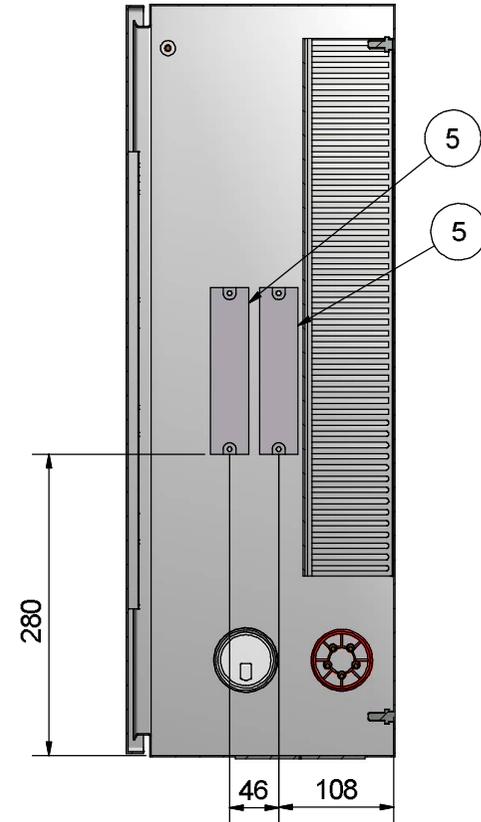
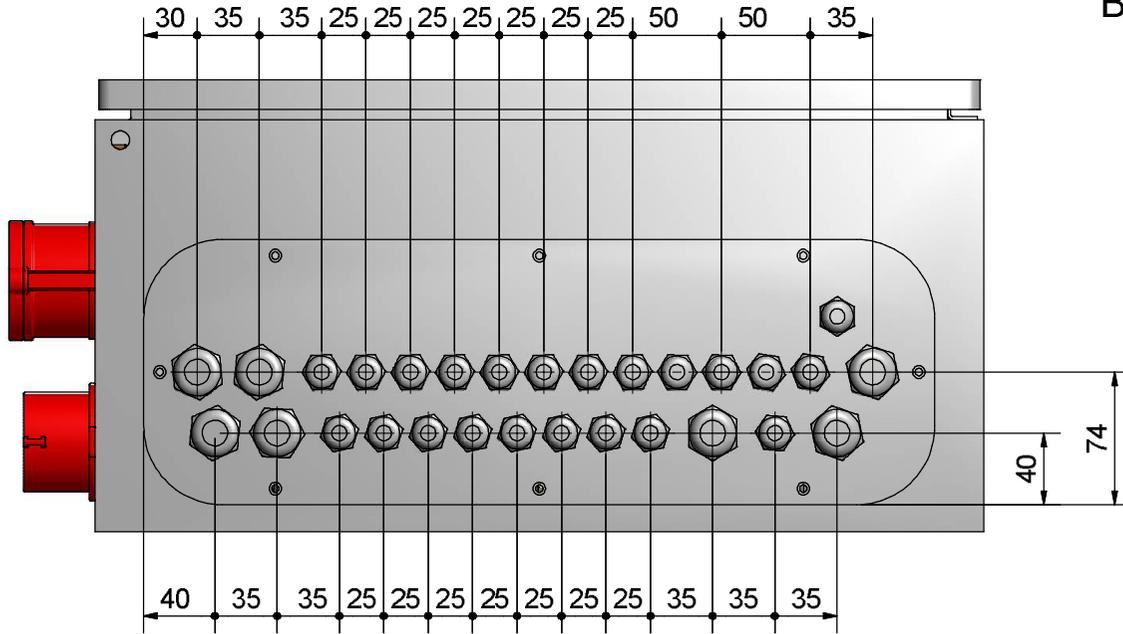
REVISION HISTORY



Alle kanter reifes  
Breake all edges

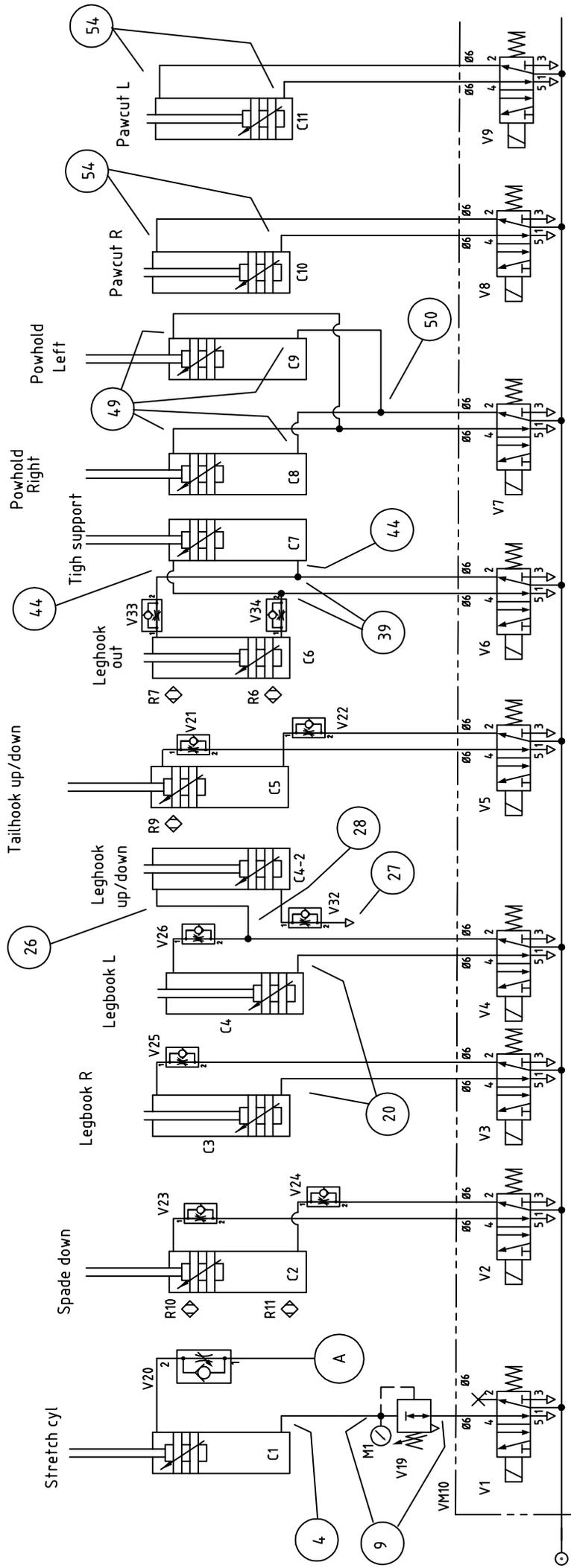
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|  |                              |       | No  | 2/3         |
| Part No.:  | 600932                       |       |   |             |
| Description:   | Cabinet assembly - Combi cut |       |   |             |
| Description:   |                              |       |   |             |

# Break resistance mount-Break resistance mount ( 1:5 )



Alle kanter reifes  
Breake all edges

|   |  |                              |       |   |             |        |
|---|--|------------------------------|-------|---|-------------|--------|
| The document is the property of HEDENSTED GRUPPEN A/S. It is not to be distributed outside the company. |  | Scale:                       | 1:3,5 | Ikke angivet tolerancer iht./ Not specified tolerance according to: | Sheet size: |        |
|   |  |                              |       | DS/ISO 2768-m   | A3          |        |
|   |  |                              |       | Overført beskaffenhed/Surface properties:                           | No          | Sheet: |
|   |  |                              |       |   |             | 3/3    |
| Part No.:   |  | 600932                       |       |   |             |        |
| Description:  |  | Cabinet assembly - Combi cut |       |   |             |        |
| Material:   |  |                              |       |   |             |        |
| Description:  |  |                              |       |   |             |        |



VESTERLUNDEJ 18 2730 HERLEV  
 ANELYSTPARKEN 43C 8381 TILST.  
 HVIKERVEJ 31 5250 ODENSE SV. 66139333

| Måltørh. | Tegn. | 1-6-10   | PD |
|----------|-------|----------|----|
|          | Reff. | 29-6-10  | PD |
|          | Reff. | 27-10-10 | PD |
|          | Reff. |          |    |

Erst. for: A3-9395D  
 Tegn. nr.

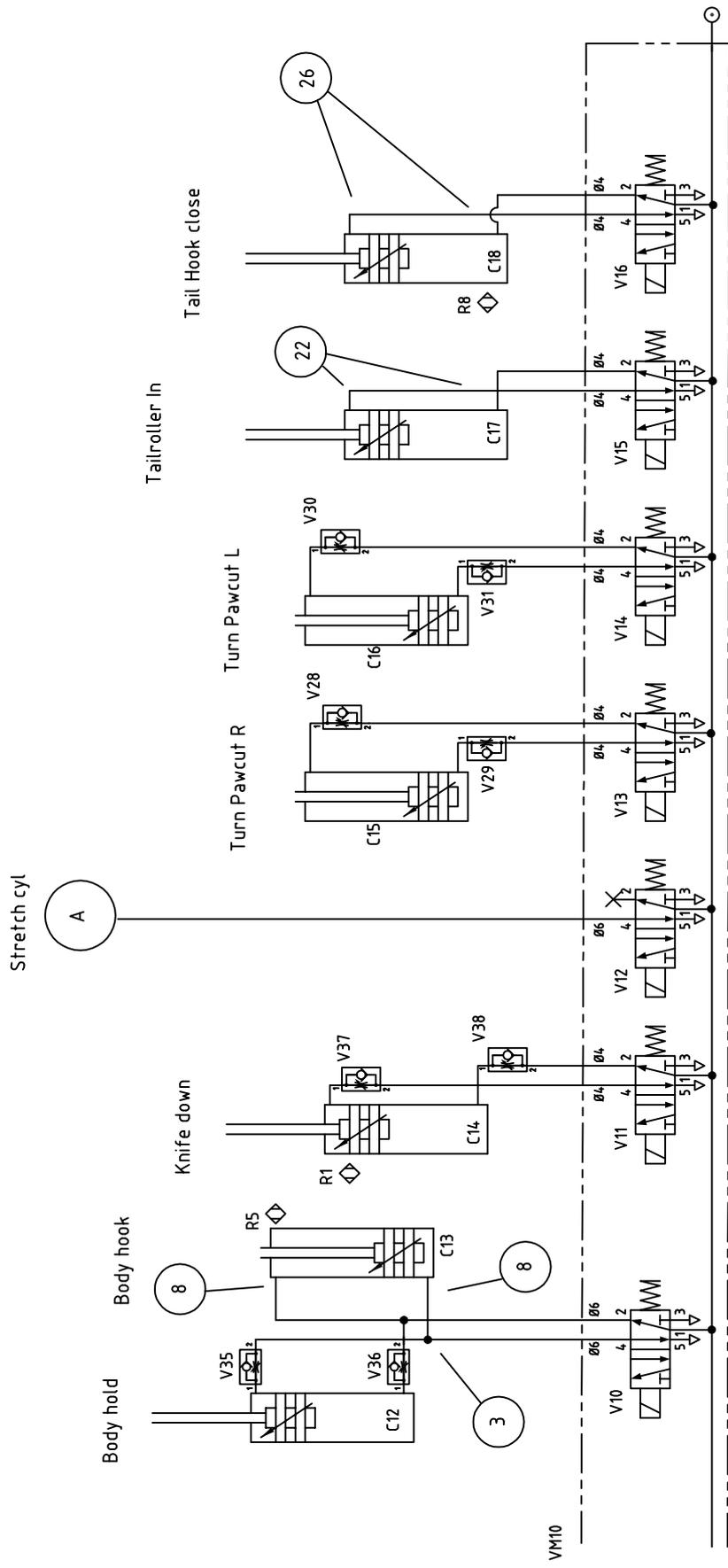
Combicut 2010  
 Parts of lists ODS-0566-S1

ODS-0566-35714-A1  
 Erst. af



|               |     | Hedensted Gruppen A/S      |                        |
|---------------|-----|----------------------------|------------------------|
| Drawing no.   |     | ODS-0566-35314-A1          | Date: 29-6-2010        |
| Parts of list |     | ODS-0566-S1                | Design: Peter Damsgård |
| Drawing       |     | Combicut 2010              | A4-10774               |
| Item          | No. | Descreption                | 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             | 1   | Valve V19                  | R07-100-RNEG           |
| 7             | 1   | Bracket                    | M/P71273/3             |
| 8             | 1   | Gauge M1                   | 18-013-011             |
| 9             | 2   | Swivel                     | C02470618              |
| 10            | 1   | 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            | 2   | Banjo flow control V23-V24 | C0K510628              |
| 16            |     |                            |                        |
| 17            | 2   | Cyl C3-C4                  | RT/57225/M/50          |
| 18            | 2   | F Mounting                 | QM/57025/25            |
| 19            | 2   | Nut                        | M/P1501/89             |
| 20            | 2   | Straight adaptor           | C01250618              |
| 21            | 2   | Banjo flow control V25-V26 | 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   | Swivel Y adaptor           | C00820600              |
| 29            |     |                            |                        |
| 30            | 1   | Cyl C5                     | RA/192032/M/80         |
| 31            | 1   | Nut                        | M/P1501/89             |
| 32            | 2   | Banjo flow control V21-V22 | C0K510618              |
| 33            |     |                            |                        |
| 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              |

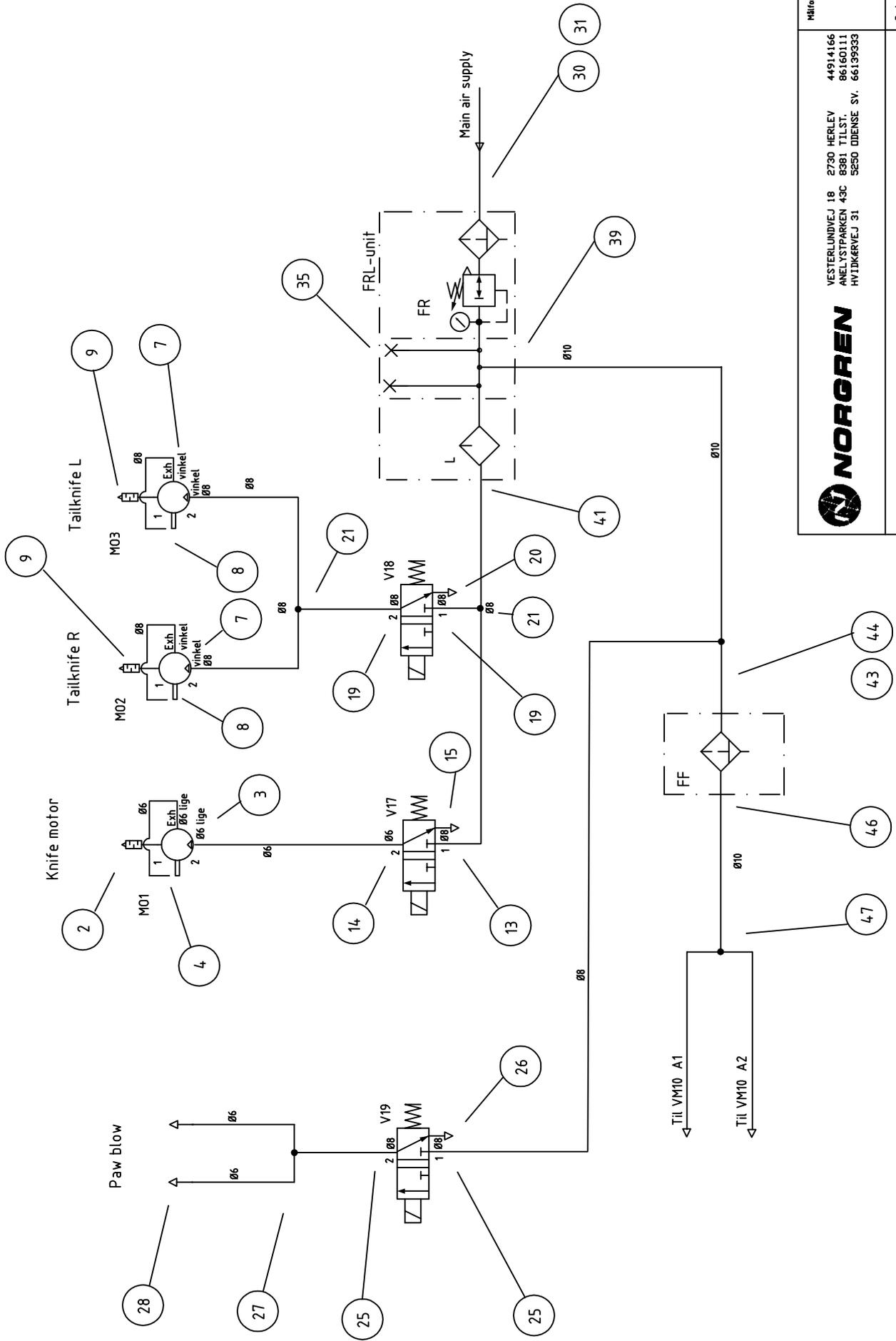
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|----|---|------------------|----------------|
| 39 | 2 | Swivel Y adaptor | C00820600      |
| 40 |   |                  |                |
| 41 | 1 | Cyl C7           | RA/192032/M/20 |
| 42 | 1 | F Mounting       | QM/8025/25     |
| 43 | 1 | Nut              | 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 | 4 | Straight adaptor | C02250618      |
| 55 |   |                  |                |
|    |   |                  |                |
|    |   |                  |                |
|    |   |                  |                |



|  |   |  |          |          |    |
|--|---|--|----------|----------|----|
|  | VESTERLUNDEJ 18 2730 HERLEV<br>ANELYSTPARKEN 43C 8381 TILST.<br>HVIDKÆRVEJ 31 5250 ODENSE SV. |  | Måltørh. | 1-4-10   | PD |
|  | 44914166<br>86160111<br>66139533  |  | Tegn.    | 29-4-10  | PD |
|  |   |  | Retf.    | 27-10-10 | PD |
|  |   |  | Retf.    |          |    |
| Erst. for: A3-995D   |   |  |          |          |    |
| Tegn. nr.<br><b>ODS-0566-35714-A2</b>  |   |  |          |          |    |
| Combicut 2010<br>Parts of list ODS-0566-S2   |   |  |          |          |    |
| Erst. af   |   |  |          |          |    |



|               |     | Hedensted Gruppen A/S |         |                        |
|---------------|-----|-----------------------|---------|------------------------|
| Drawing no.   |     | ODS-0566-35314-A2     |         | Date: 29-6-2010        |
| Parts of list |     | ODS-0566-S2           |         | Design: Peter Damsgård |
| Drawing       |     | Combicut 2010         |         | A4-10774               |
| Item          | No. | Description           |         | 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            | 2   | Banjo flow control    | V37-V38 | C0K510405              |
| 13            |     |                       |         |                        |
| 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                |         | C02470618              |
|               |     |                       |         |                        |
|               |     |                       |         |                        |
|               |     |                       |         |                        |
|               |     |                       |         |                        |
|               |     |                       |         |                        |



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

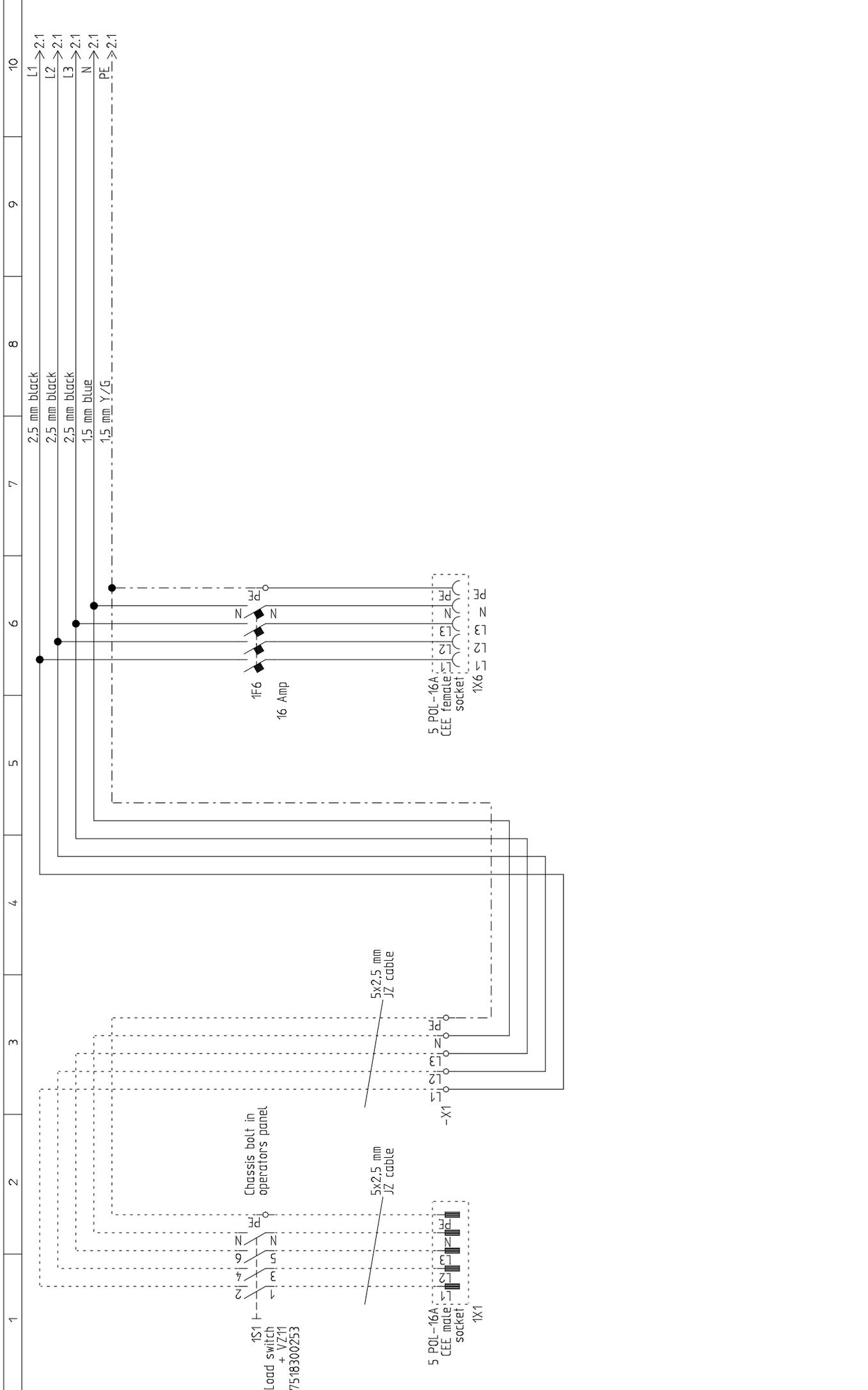
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| Måltørh.   | Tegn.             | 1-6-10  | PD |
| Erst. for: | Tegn.             | 29-6-10 | PD |
| Tegn. nr.  | ODS-0566-35714-A3 |         |    |
| Erst. af   |                   |         |    |

Combicut 2010  
 Parts of list ODS-0566-S3



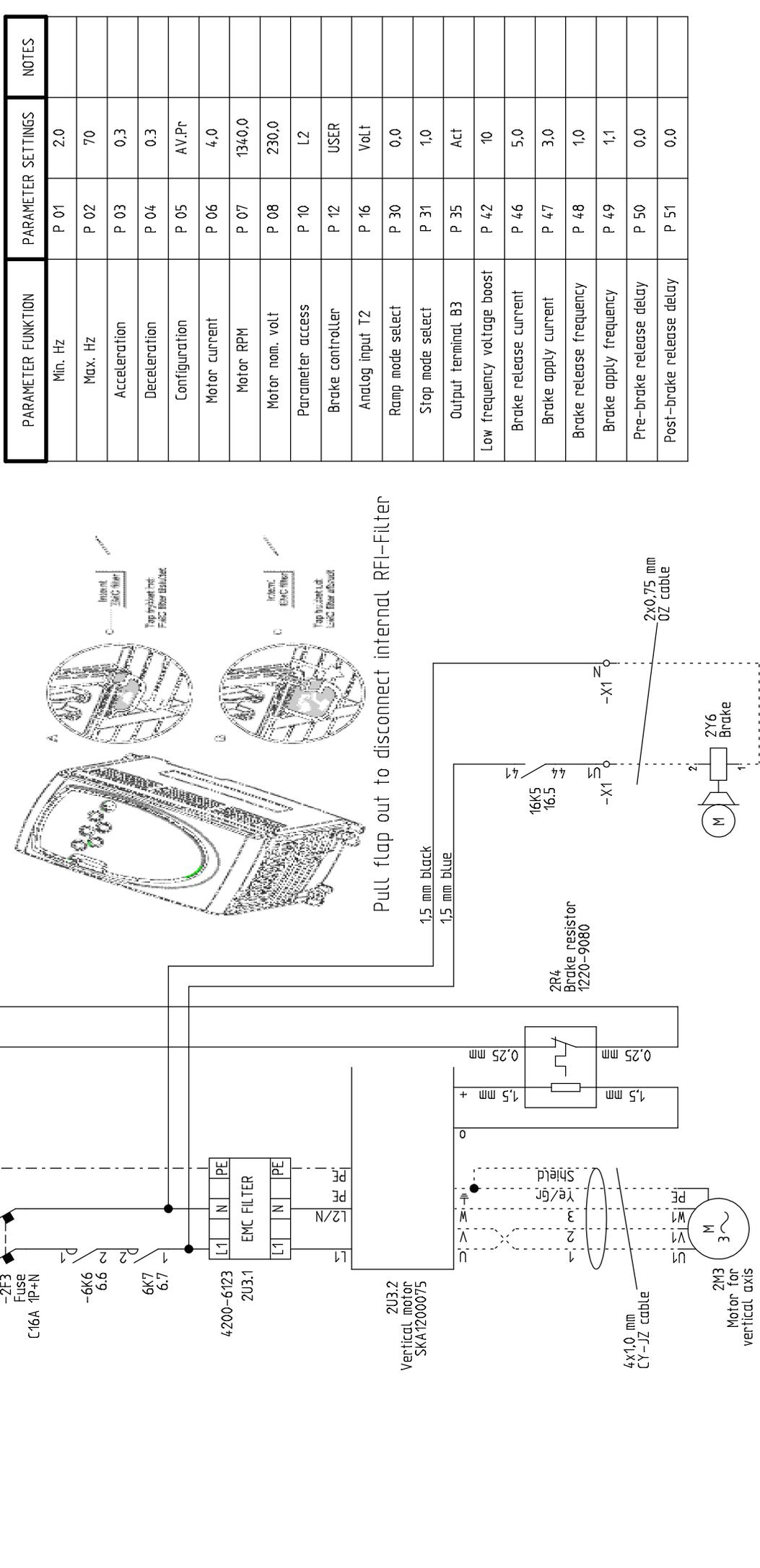
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|---------------|-----|--------------------------|------------------------|
| Drawing no.   |     | ODS-0566-35314-A3        | Date: 29-6-2010        |
| Parts of list |     | ODS-0566-S3              | Design: Peter Damsgård |
| Drawing       |     | 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            | 2   | Plug Male                | 160050028              |
| 36            | 2   | Quikclamp and Wall mount | 4214-52                |
| 37            | 1   | Quikclamp                | 4214-51                |
| 38            | 1   | Porting blok             | 4216-52                |

|    |   |                       |              |
|----|---|-----------------------|--------------|
| 39 | 1 | Straight adaptor      | C02251028    |
| 40 | 1 | Lubricator            | L72M-2GP-ETN |
| 41 | 1 | Swivel                | C02470828    |
| 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   |
|    |   |                       |              |



|  |   |              |  |                          |                    |
|--|---|--------------|--|--------------------------|--------------------|
| <b>HEDENSTED GRUPPEN</b><br>Vejlevej 15, DK-8722 HEDENSTED<br>(+45) 75891244 - Fax: (+45) 75891180 |  | Power supply | Projekt navn:<br><b>Combi_Cut_2015_01_FX3G</b> |                          | Tegnet: KL         |
|  |   |              | Næste Side: 2                                  | Printdato:<br>02-06-2010 | Rettet: 16-12-2014 |
|  |   |              | Side nr.: 1                                    | Side af: 26              |                    |

|      |              |   |   |   |   |   |   |   |                         |
|------|--------------|---|---|---|---|---|---|---|-------------------------|
| 1    | 2            | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10                      |
| L1 > | 2,5 mm black |   |   |   |   |   |   |   |                         |
| L2 > | 2,5 mm black |   |   |   |   |   |   |   | Inv OK + Temp 1+2 → 9.1 |
| L3 > | 2,5 mm black |   |   |   |   |   |   |   | L2 → 3.1                |
| N >  | 1,5 mm blue  |   |   |   |   |   |   |   | L3 → 3.1                |
| PE > | 1,5 mm Y/G   |   |   |   |   |   |   |   | N → 3.1                 |
|      |              |   |   |   |   |   |   |   | PE → 3.1                |
|      |              |   |   |   |   |   |   |   | Inv OK + Temp 1 → 3.1   |



| PARAMETER FUNKTION          | PARAMETER SETTINGS | NOTES  |
|-----------------------------|--------------------|--------|
| Min. Hz                     | P 01               | 2.0    |
| Max. Hz                     | P 02               | 70     |
| Acceleration                | P 03               | 0.3    |
| Deceleration                | P 04               | 0.3    |
| Configuration               | P 05               | AV.Pr  |
| Motor current               | P 06               | 4.0    |
| Motor RPM                   | P 07               | 1340.0 |
| Motor nom. volt             | P 08               | 230.0  |
| Parameter access            | P 10               | L2     |
| Brake controller            | P 42               | USER   |
| Analog input T2             | P 16               | Volt   |
| Ramp mode select            | P 30               | 0.0    |
| Stop mode select            | P 31               | 1.0    |
| Output terminal B3          | P 35               | Act    |
| Low frequency voltage boost | P 42               | 10     |
| Brake release current       | P 46               | 5.0    |
| Brake apply current         | P 47               | 3.0    |
| Brake release frequency     | P 48               | 1.0    |
| Brake apply frequency       | P 49               | 1.1    |
| Pre-brake release delay     | P 50               | 0.0    |
| Post-brake release delay    | P 51               | 0.0    |

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

**AGS**

Motors - cable: 4 x 1,0 mm Shielded - DELTA CONNECTION !

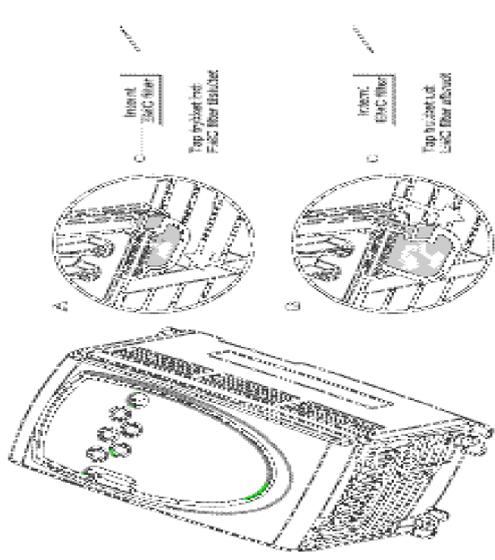
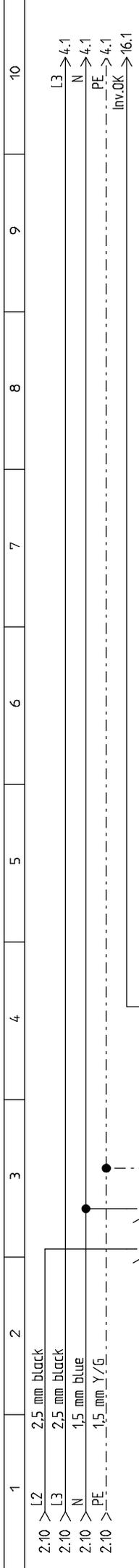
Motor for vertical axis  
 2M3  
 0,75 kW

Mains vertical

Projekt navn: **Combi\_Cut\_2015\_01\_FX3G**

Næste Side: 3    Printdato: 01-03-2011    Side nr.: 2

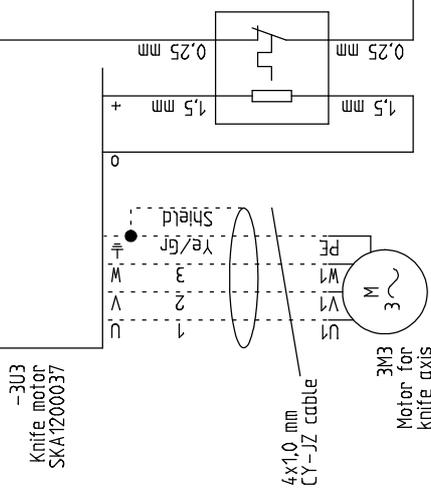
Tegnet: KL  
 Rettet: 16-12-2014  
 Side af: 26



Pull flap out to disconnect internal RFI-Filter

| PARAMETER FUNKTION          | PARAMETER SETTINGS | NOTES |
|-----------------------------|--------------------|-------|
| Min. Hz                     | P 01 4,0           |       |
| Max. Hz                     | P 02 80            |       |
| Acceleration                | P 03 0,1           |       |
| Deceleration                | P 04 0,1           |       |
| Configuration               | P 05 AV.Pr         |       |
| Motor current               | P 06 1,4           |       |
| Motor RPM                   | P 07 1340,0        |       |
| Motor nom. volt             | P 08 230,0         |       |
| Parameter access            | P 10 L2            |       |
| Brake controller            | P 12 d IS          |       |
| Analog input T2             | P 16 Volt          |       |
| Ramp mode select            | P 30 0,0           |       |
| Stop mode select            | P 31 1,0           |       |
| Voltage mode select         | P 41 Ur            |       |
| Low frequency voltage boost | P 42 10            |       |
| Pre-brake release delay     | P 50 (not used)    |       |
| Post-brake release delay    | P 51 (not used)    |       |

3R4  
Brake resistor  
1220-9080 80 Ohm



DELTA CONNECTION !  
Motor-cable: 4 x 1,5 mm Shielded

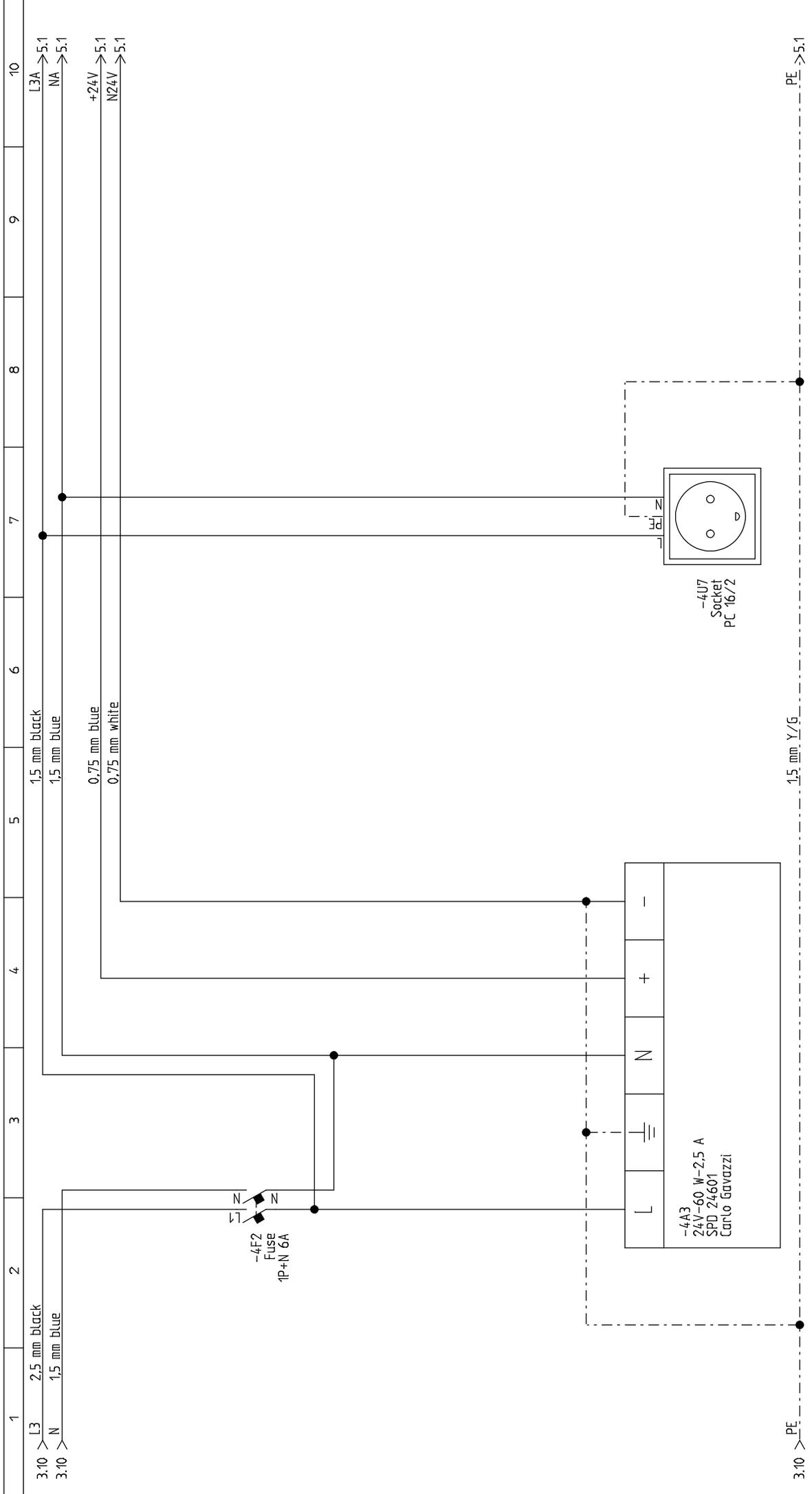
**HEDENSTED GRUPPEN**  
Vejlevej 15, DK-8722 HEDENSTED  
(+45) 75891244 - Fax: (+45) 75891180

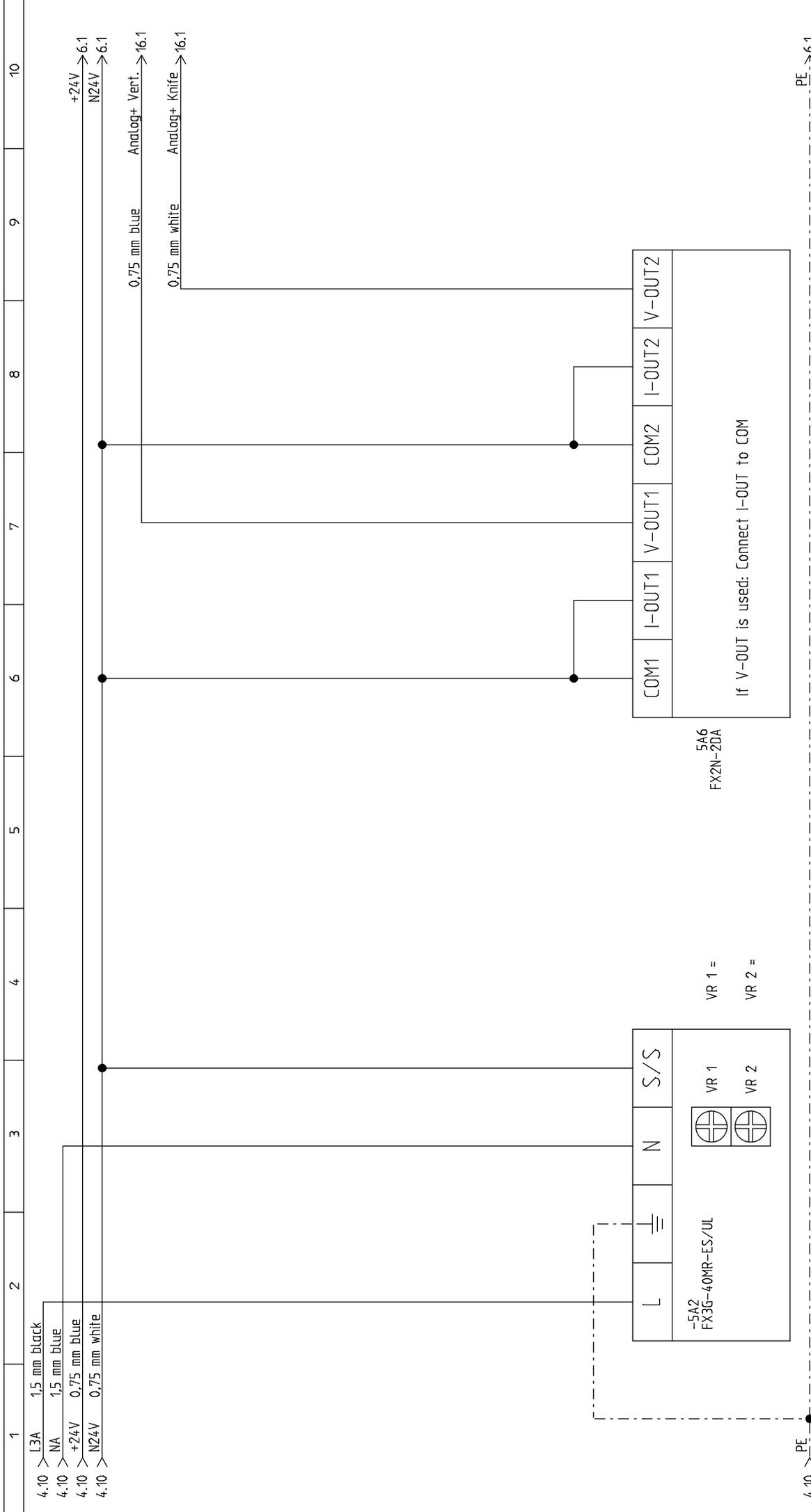


Mains knife

Projektnavn:  
**Combi\_Cut\_2015\_01\_FX3G**

Tegnet: KL  
Rettet: 16-12-2014  
Side af: 26  
Printdato: 01-03-2011  
Side nr.: 3  
Næste Side: 4  
Opn: 05-12-2014





4.10 > PE → PE → 6.1

1 2 3 4 5 6 7 8 9 10

- 4.10 > L3A 1.5 mm black
- 4.10 > NA 1.5 mm blue
- 4.10 > +24V 0.75 mm blue
- 4.10 > N24V 0.75 mm white

0.75 mm blue Analog+ Vert. → 16.1  
 0.75 mm white Analog+ Knife → 16.1

|                         |  |      |     |
|-------------------------|--|------|-----|
| L                       |  | N    | S/S |
| -5A2<br>FX3G-40MR-ES/UL |  |      |     |
|                         |  | VR 1 |     |
|                         |  | VR 2 |     |

VR 1 =  
VR 2 =

|  |        |        |      |        |        |
|--|--------|--------|------|--------|--------|
| COM1                                   | I-OUT1 | V-OUT1 | COM2 | I-OUT2 | V-OUT2 |
| 5A6<br>FX2N-2DA                        |        |        |      |        |        |
| If V-OUT is used: Connect I-OUT to COM |        |        |      |        |        |



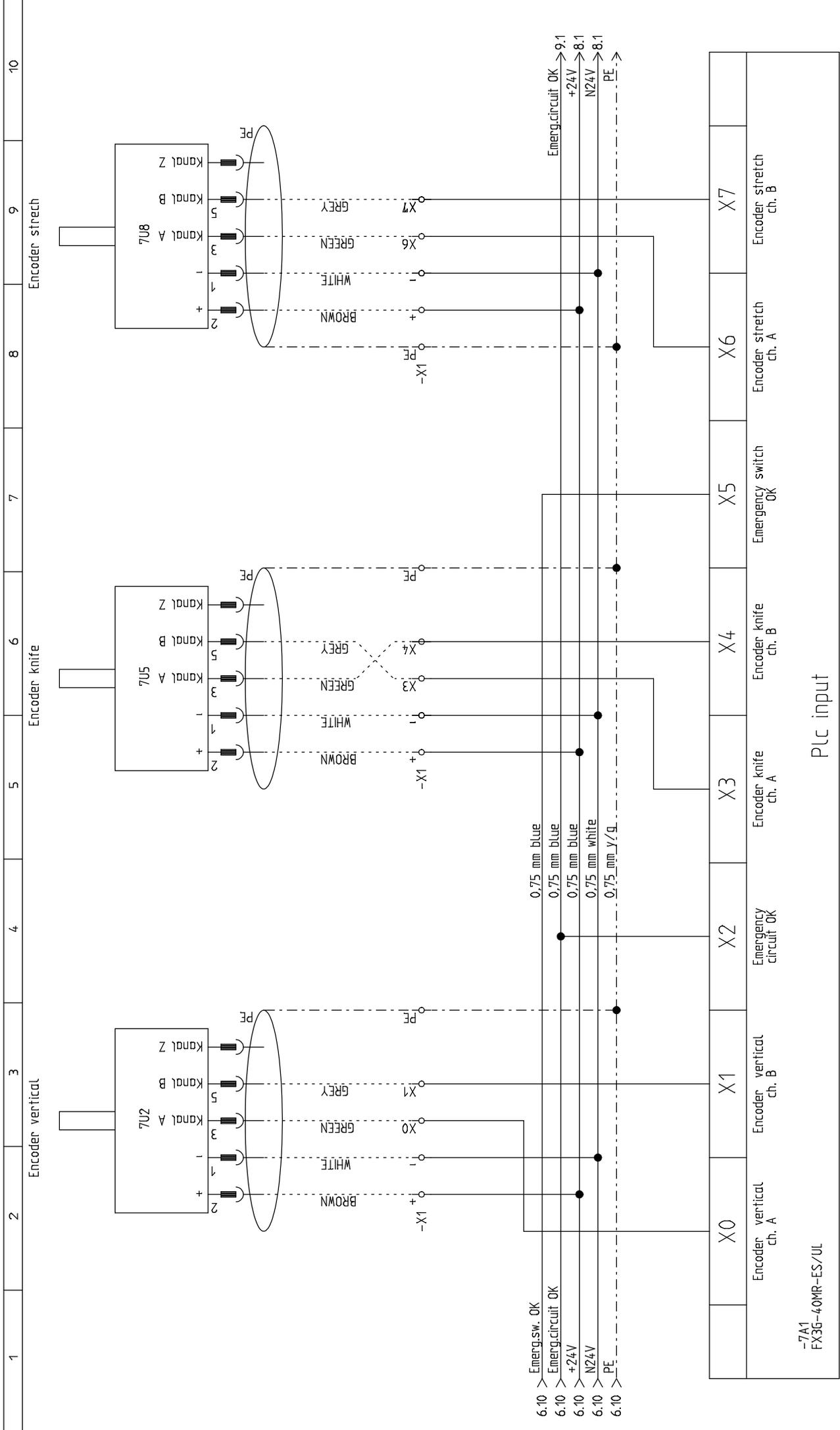
PLC supply

Projektnavn:  
**Combi\_Cut\_2015\_01\_FX3G**

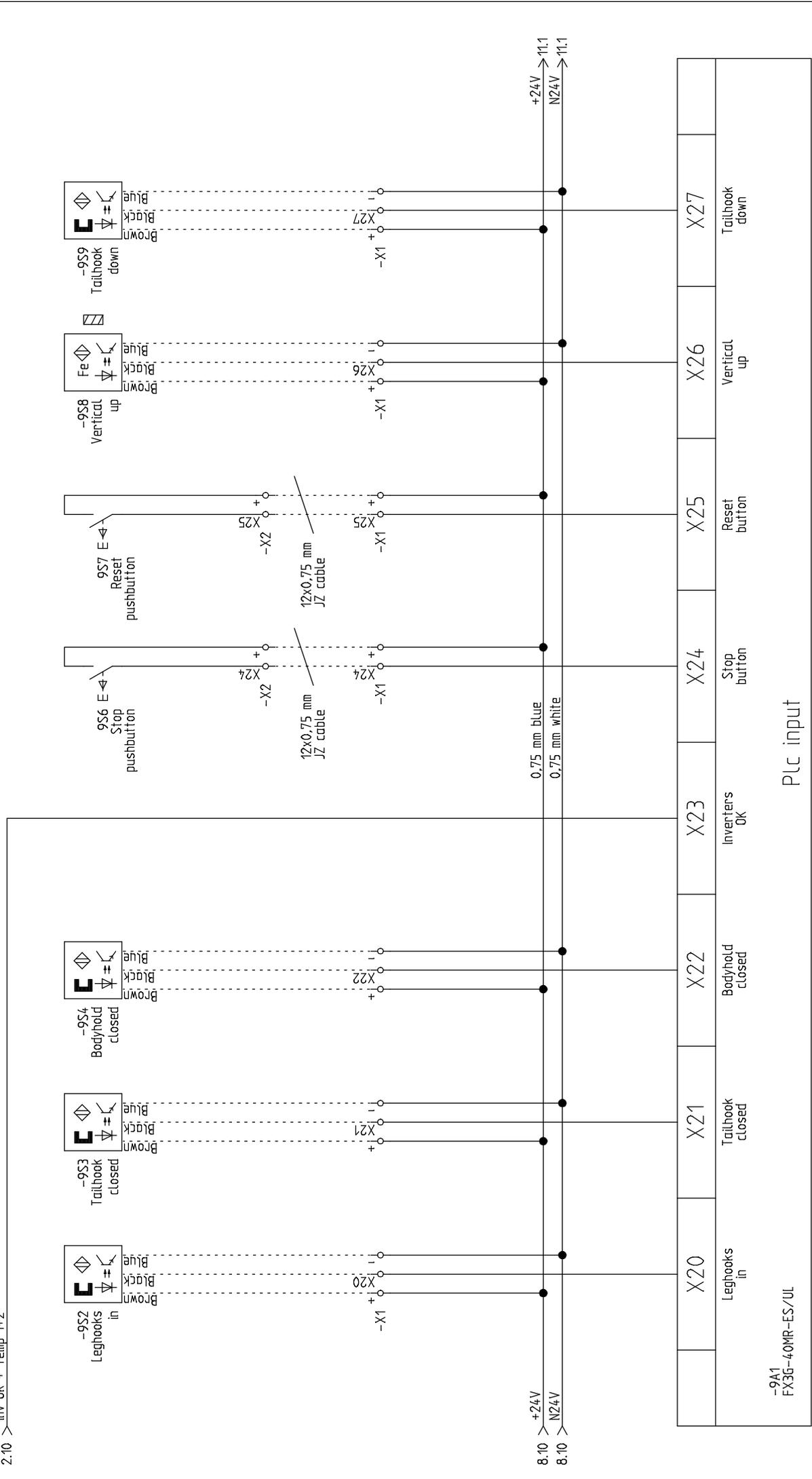
Næste Side: 6  
 Opnr: 05-12-2014  
 Printdato: 02-06-2010  
 Side nr.: 5

Tegnet: KL  
 Rettet: 16-12-2014  
 Side af: 26

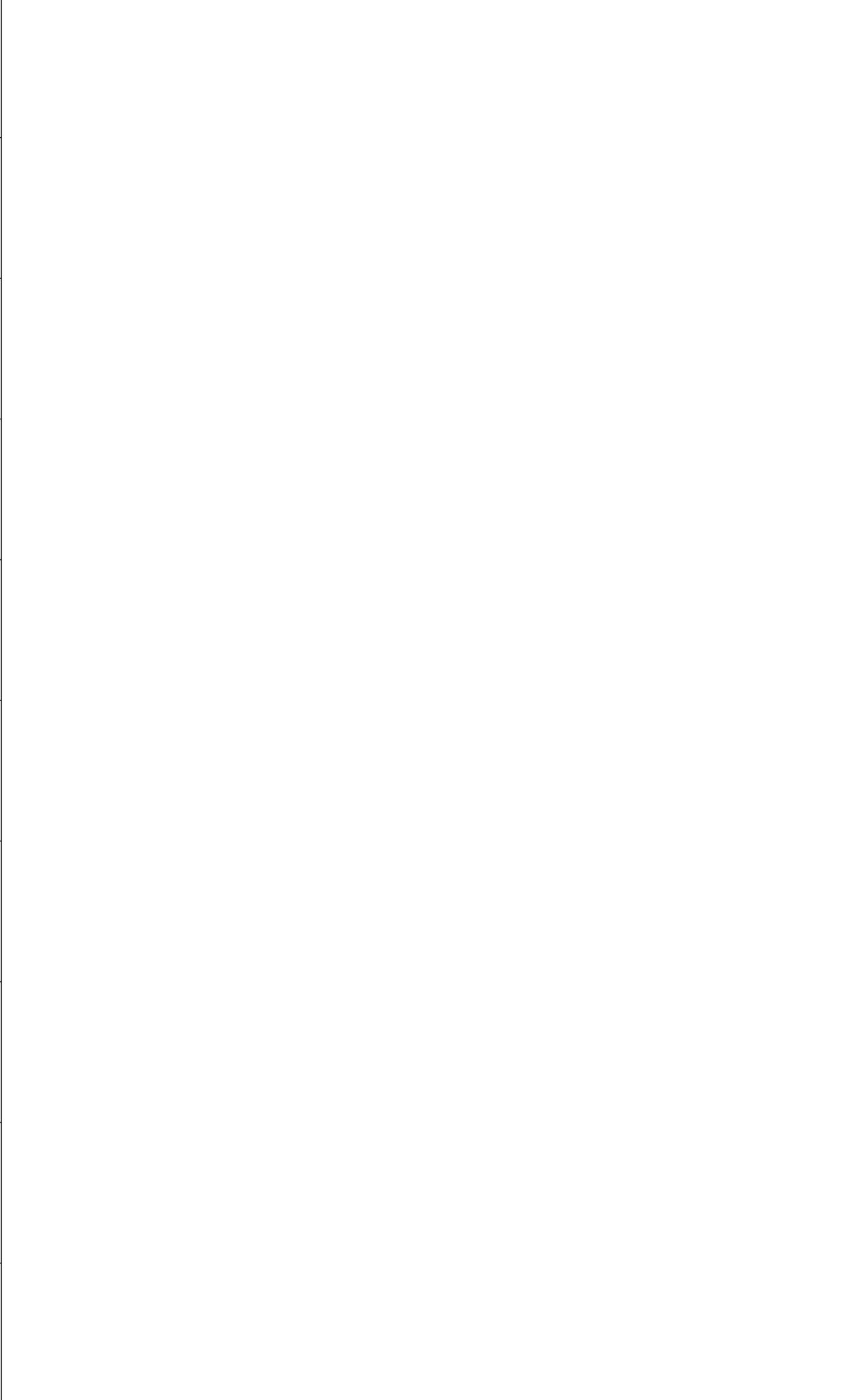


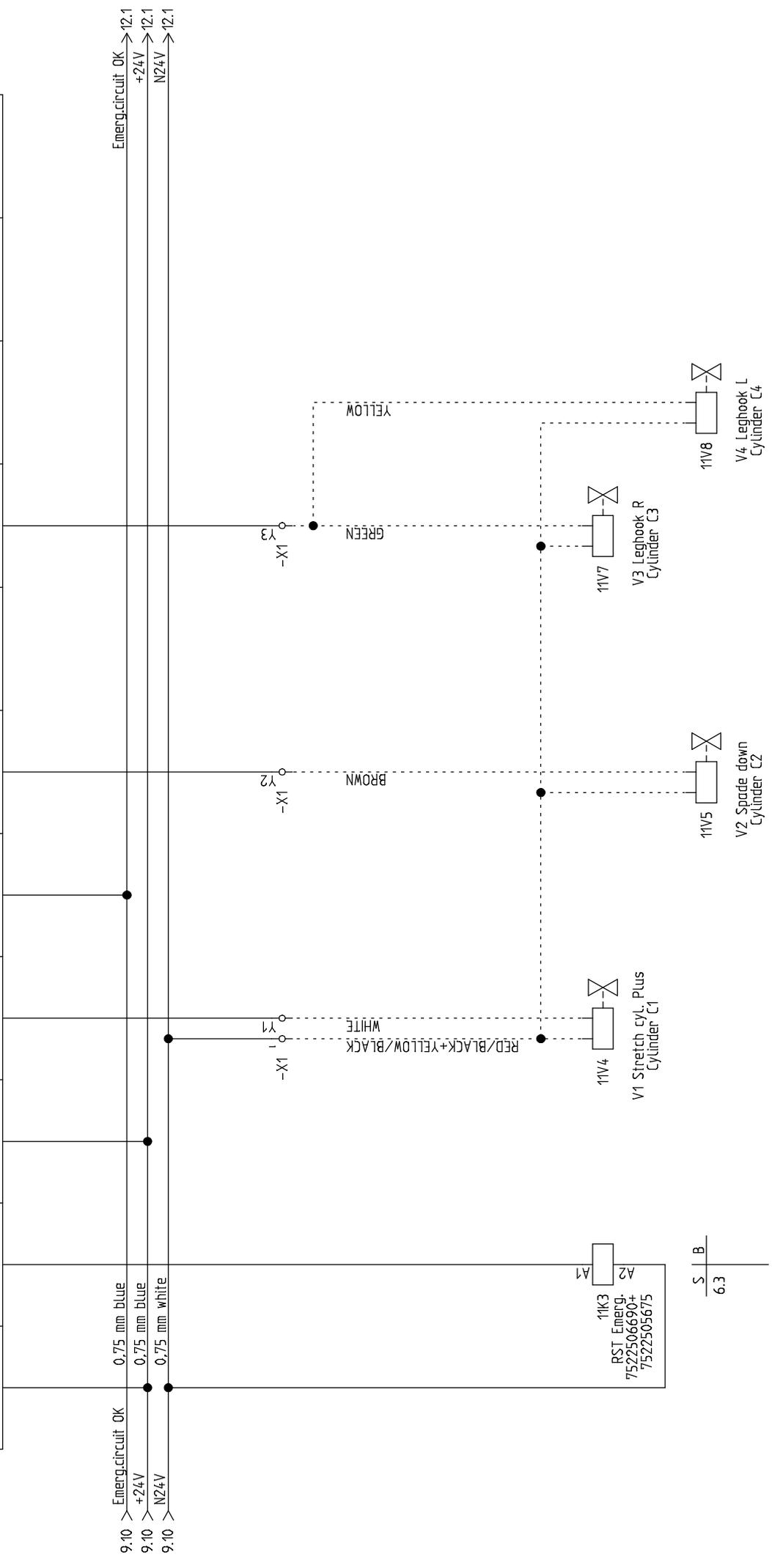
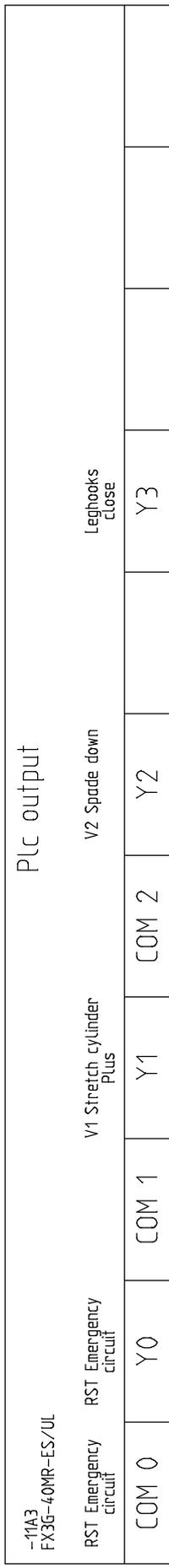


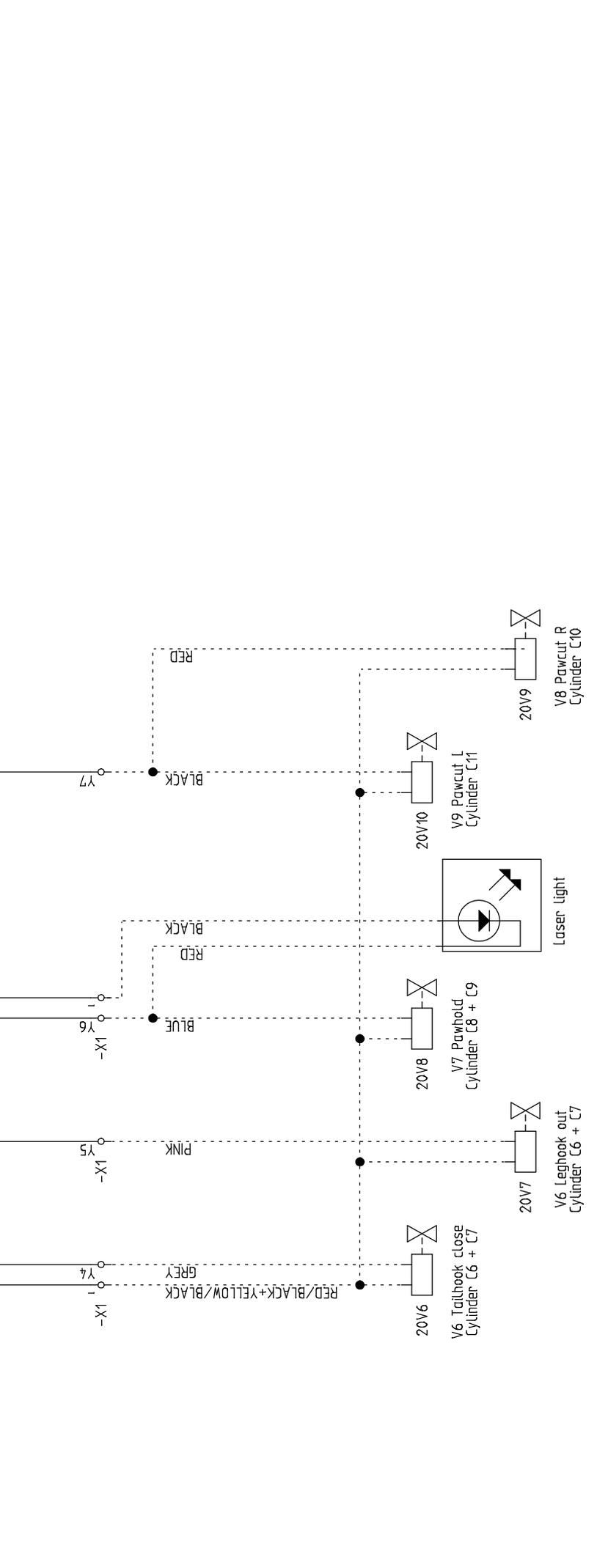
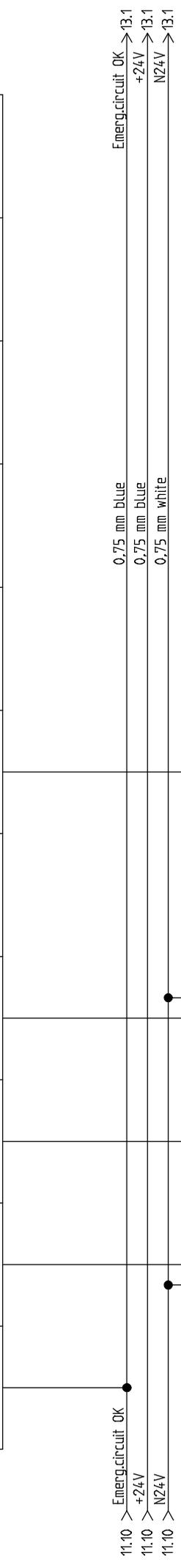
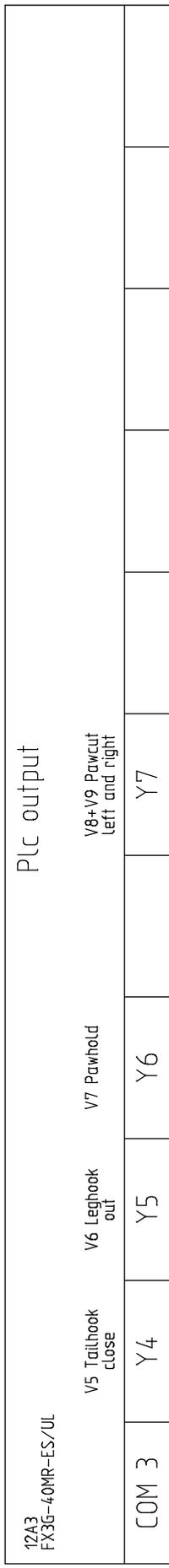


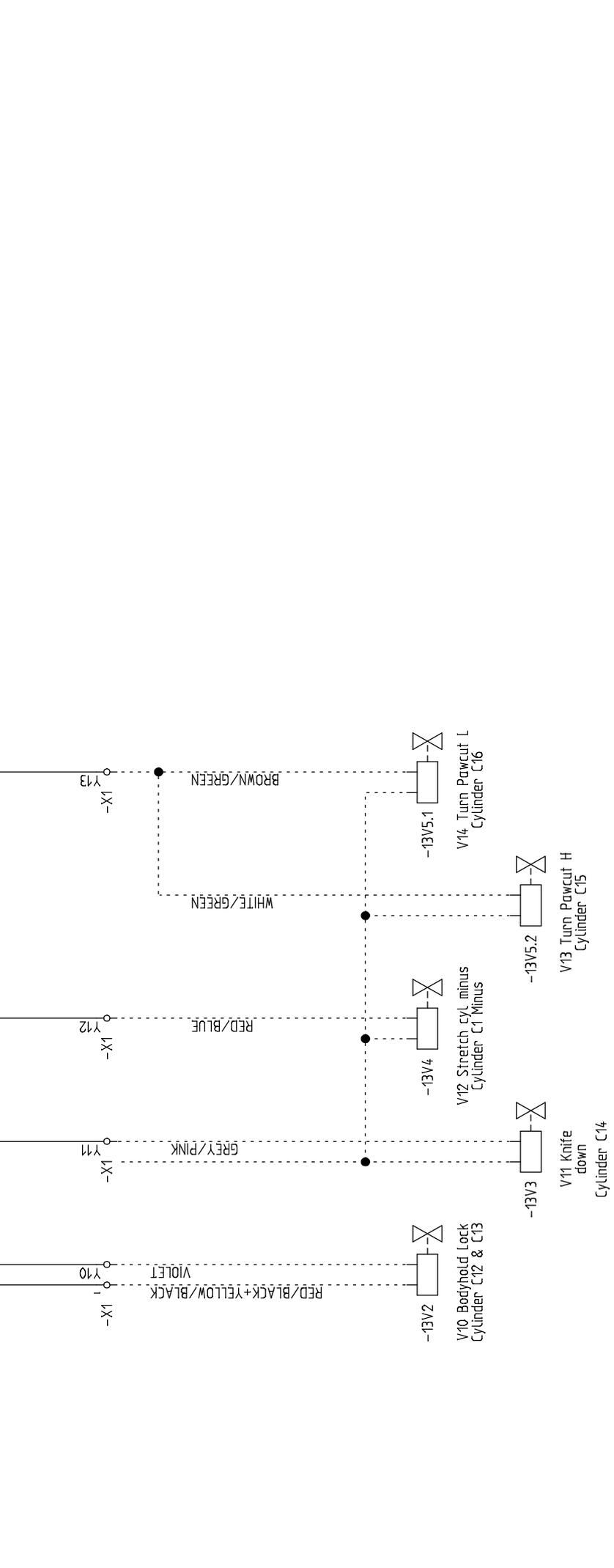
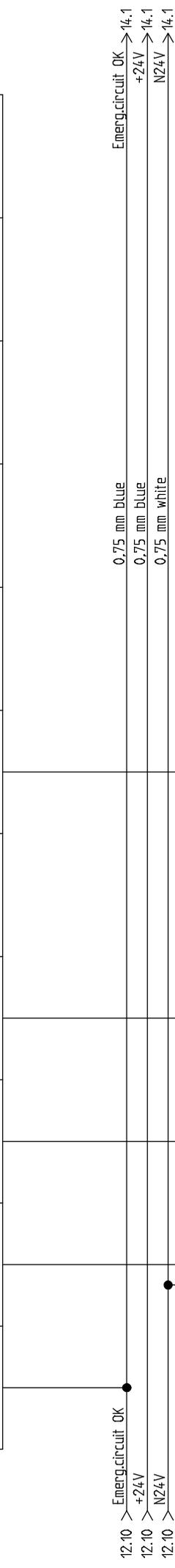
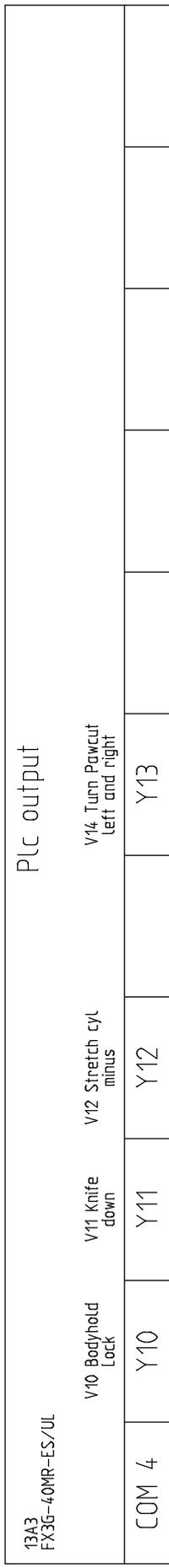


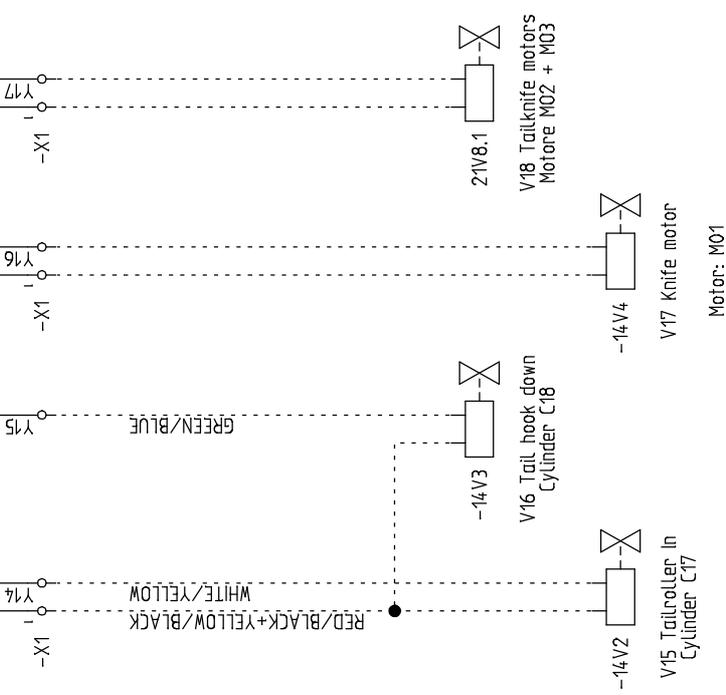
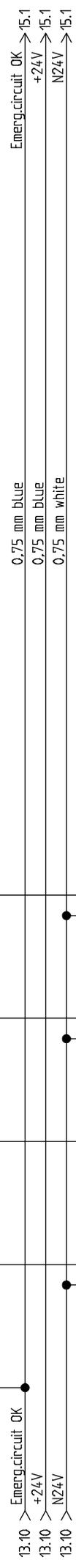
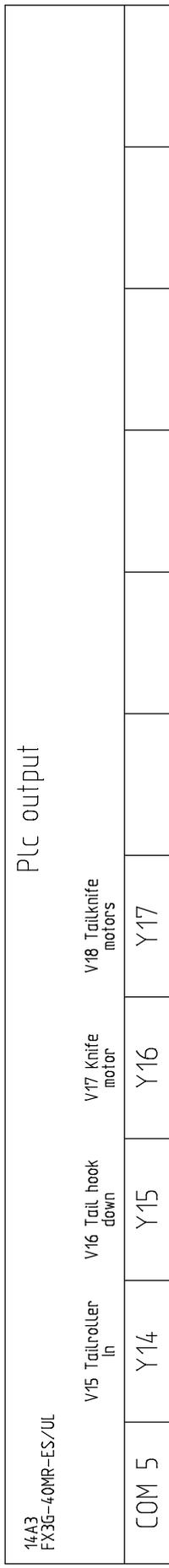
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|----|



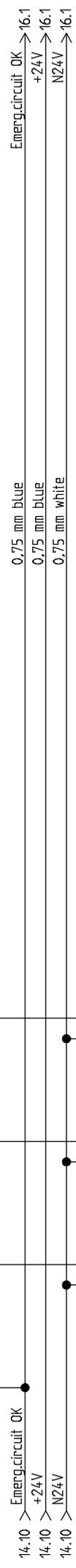




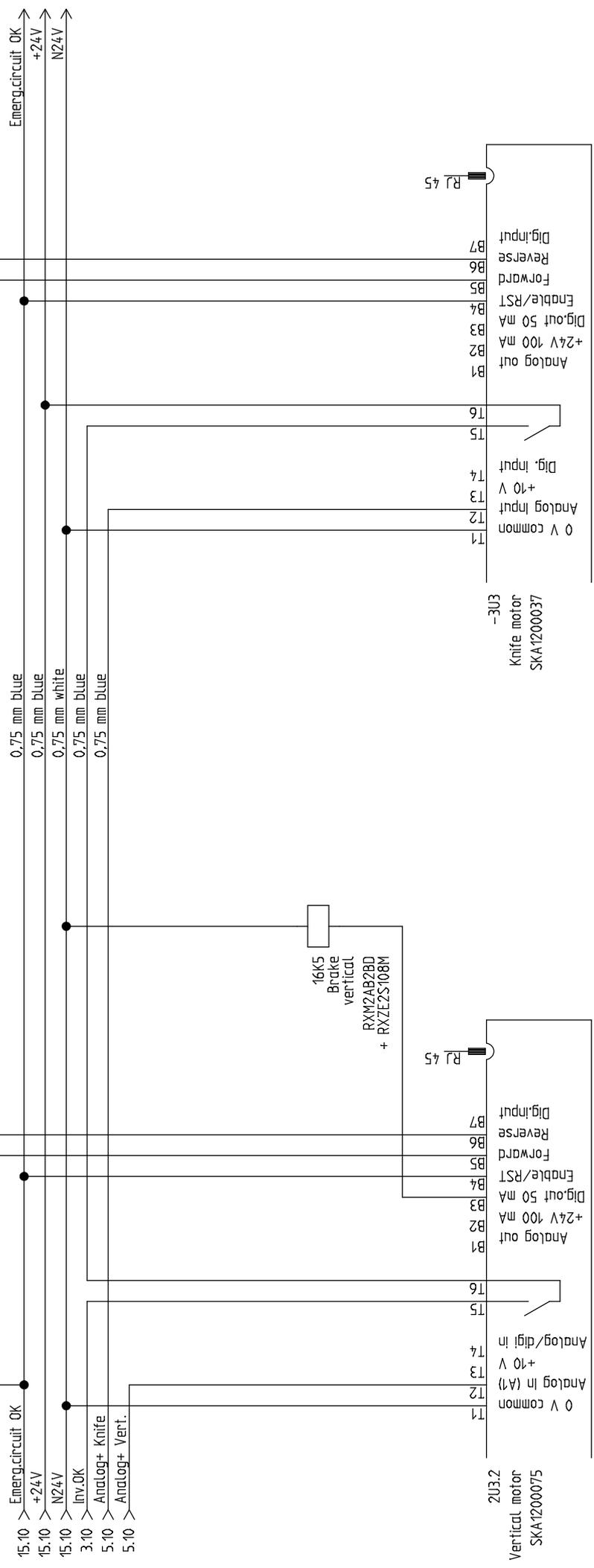
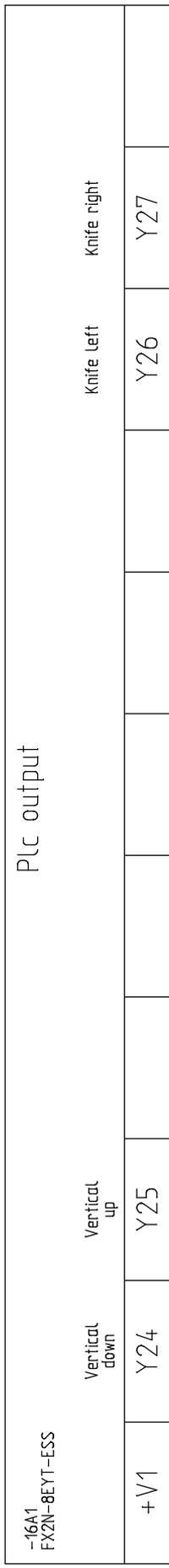




|   |     |     |                        |          |       |     |     |     |     |
|---|-----|-----|------------------------|----------|-------|-----|-----|-----|-----|
| 15A3 FX2N-8EYT-ESS                      |     |     |                        |          |       |     |     |     |     |
| Plc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



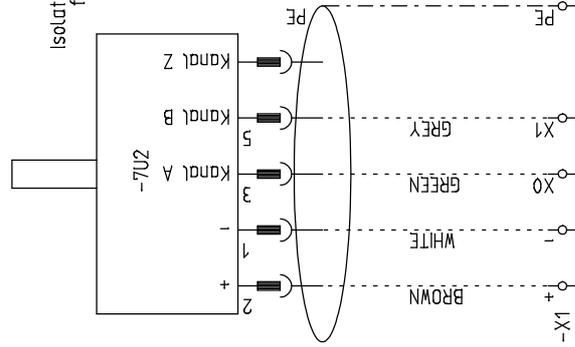
OUT Y20 is used for extra valve for automatic change between male / female stretch pressure



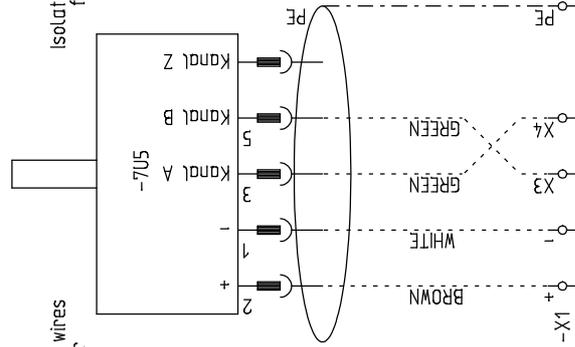
S | B  
2.6



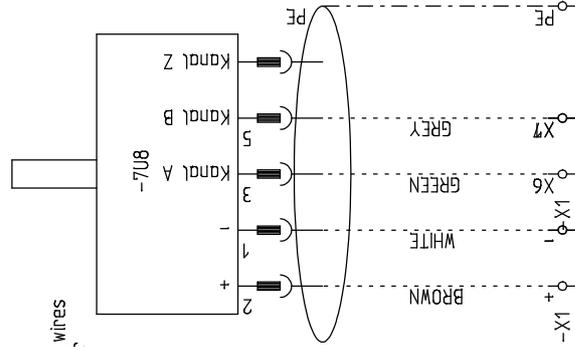
Encoder vertical



Encoder Knife



Encoder stretch

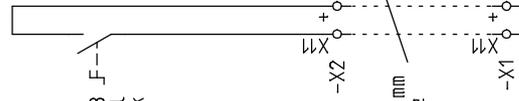


Isolate not-used wires from encoder

Isolate not-used wires from encoder

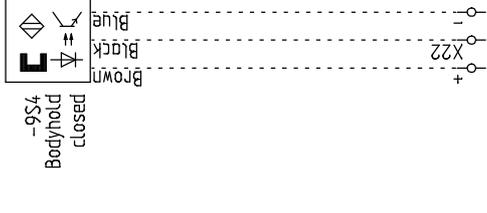
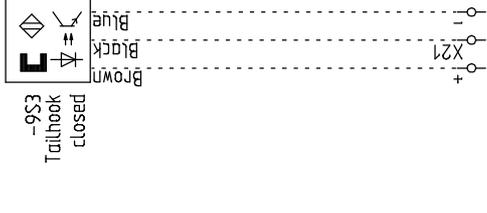
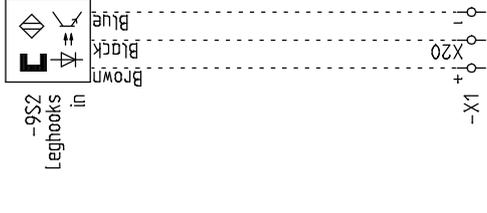
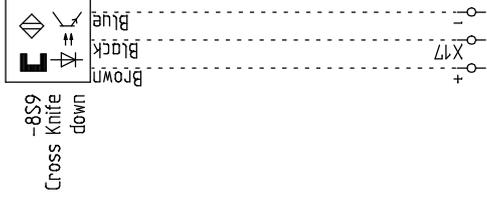
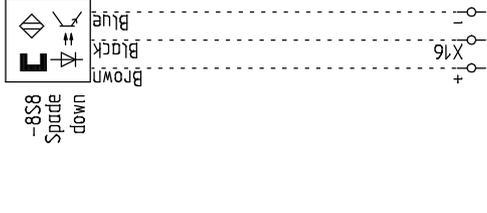
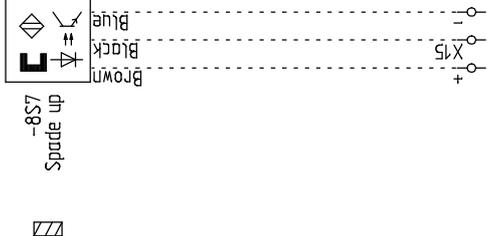
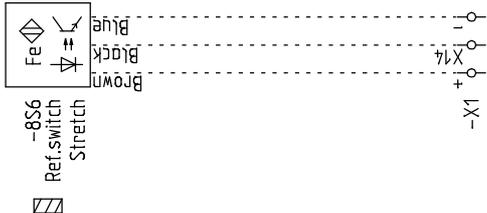
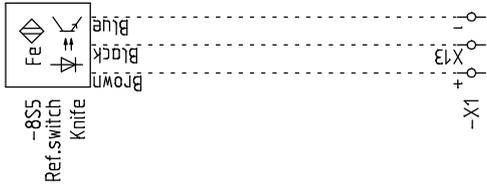


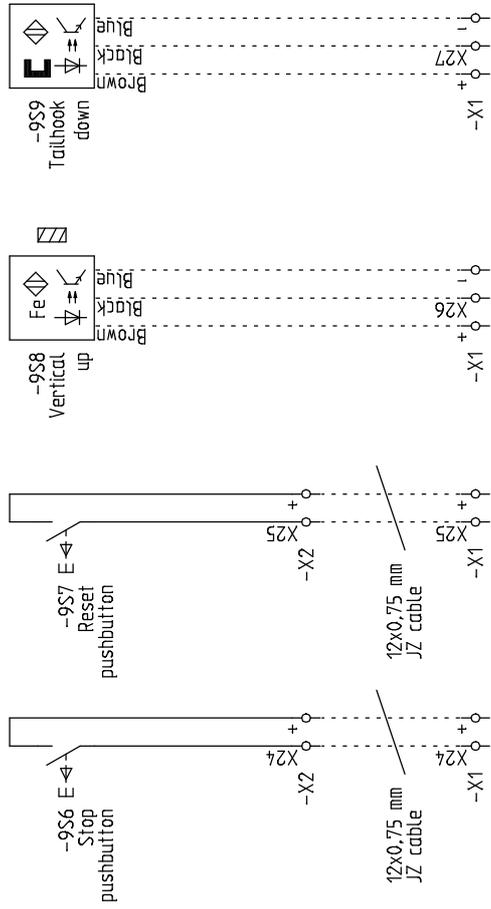
-8S3 Vertical back

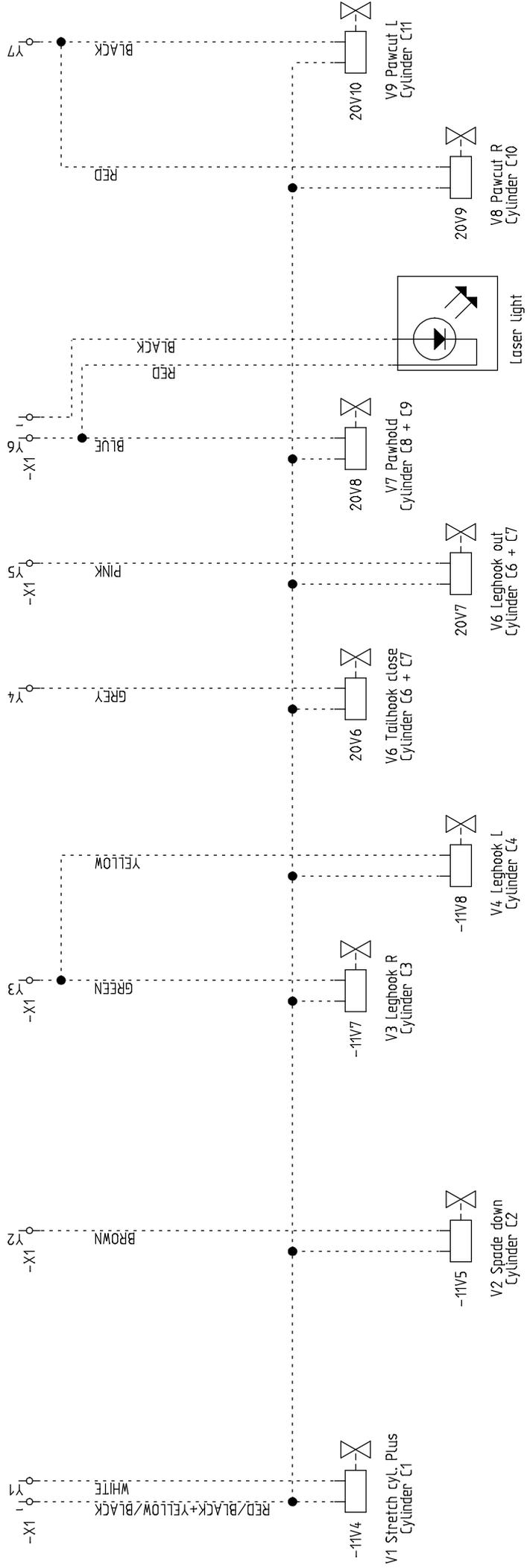


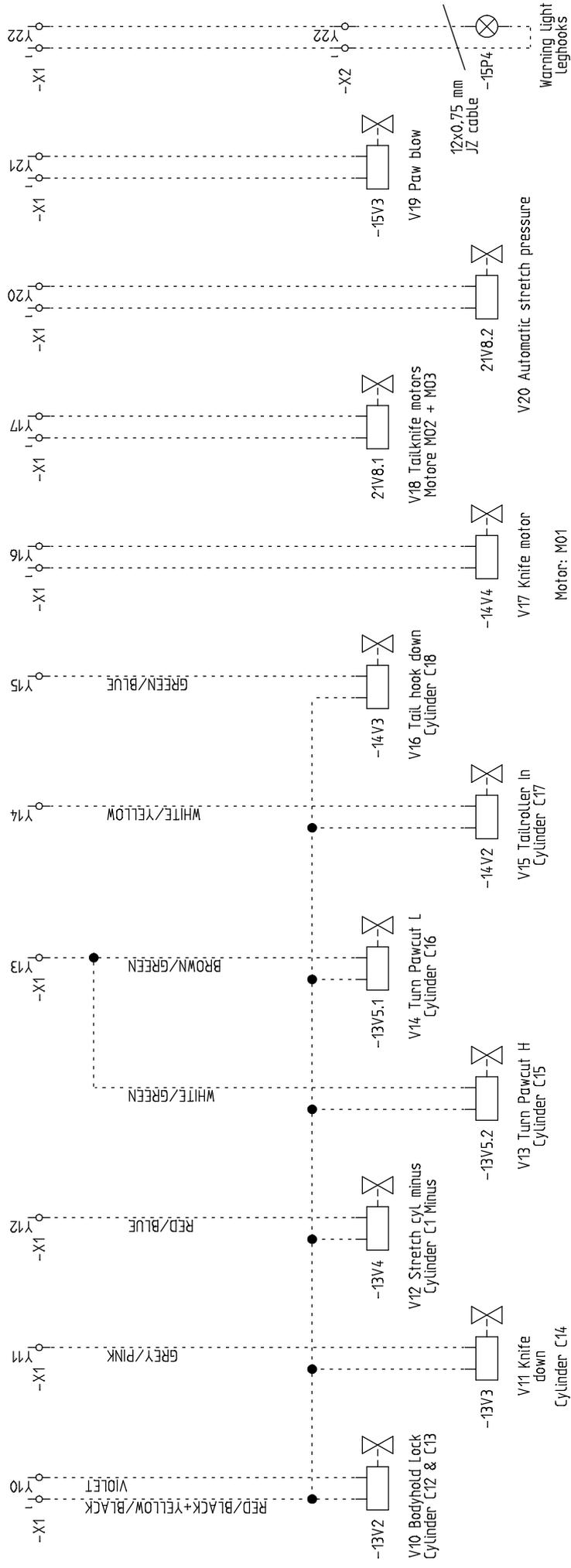
-8S4 Footswitch

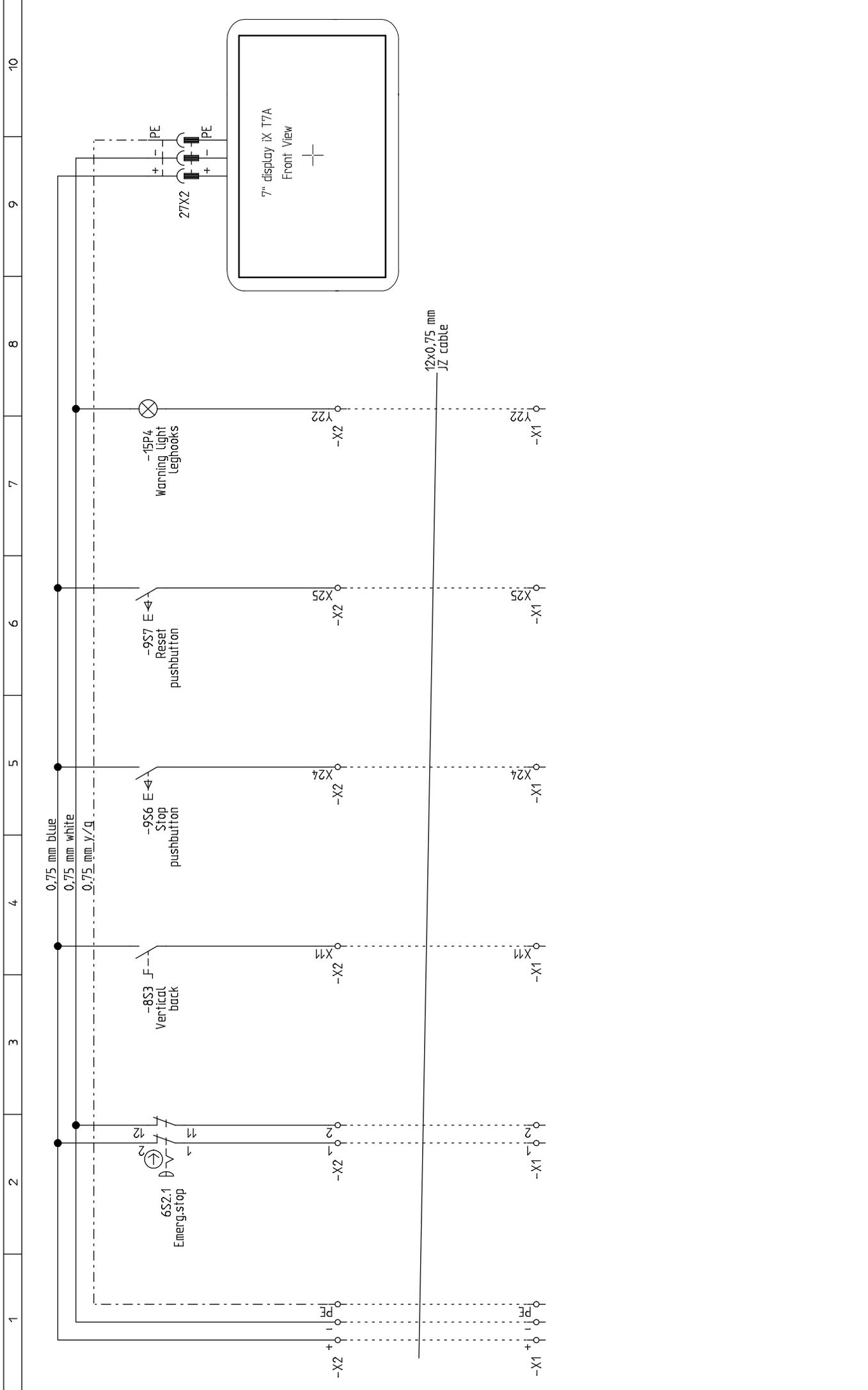






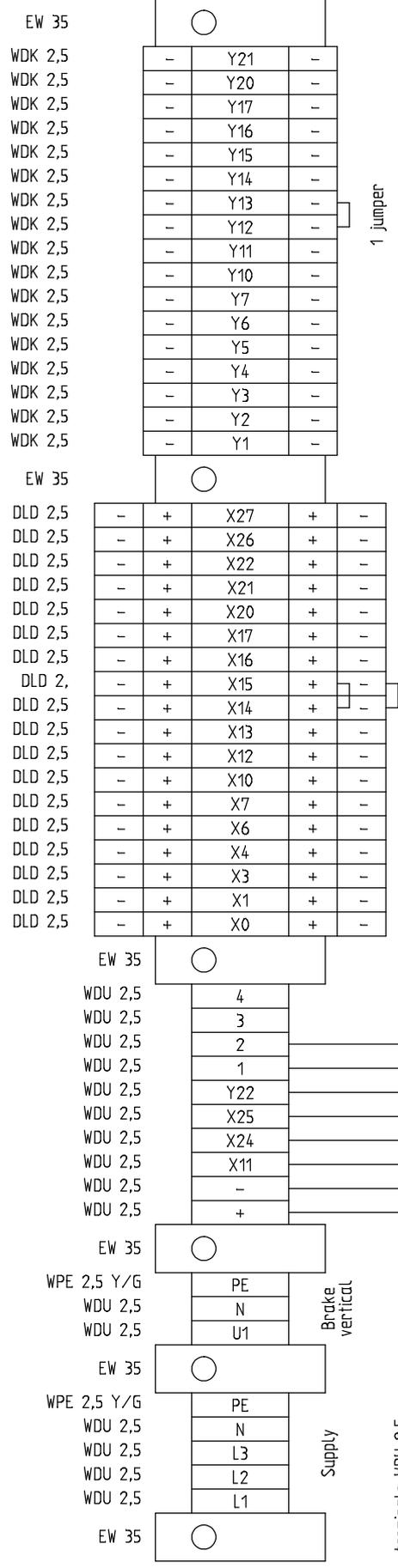






|  |   |   |                       |                    |
|--|---|---|-----------------------|--------------------|
| <b>HEDENSTED GRUPPEN</b><br>Vejlevej 15, DK-8722 HEDENSTED<br>(+45) 75891244 - Fax: (+45) 75891180 |  | Projekt navn: <b>Combi_Cut_2015_01_FX3G</b> |                       | Tegnet: KL         |
|  |   | Ext.Conn. 6/6                               | Side nr.: 22          | Rettet: 16-12-2014 |
|  |   | Næste Side: 23                              | Printdato: 02-06-2010 | Side af: 26        |
|  |   | Opr: 05-12-2014                             |                       |                    |

Terminals X1, main panel



- 24 - 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



**HEDENSTED GRUPPEN**  
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