

# Ersatzteilliste

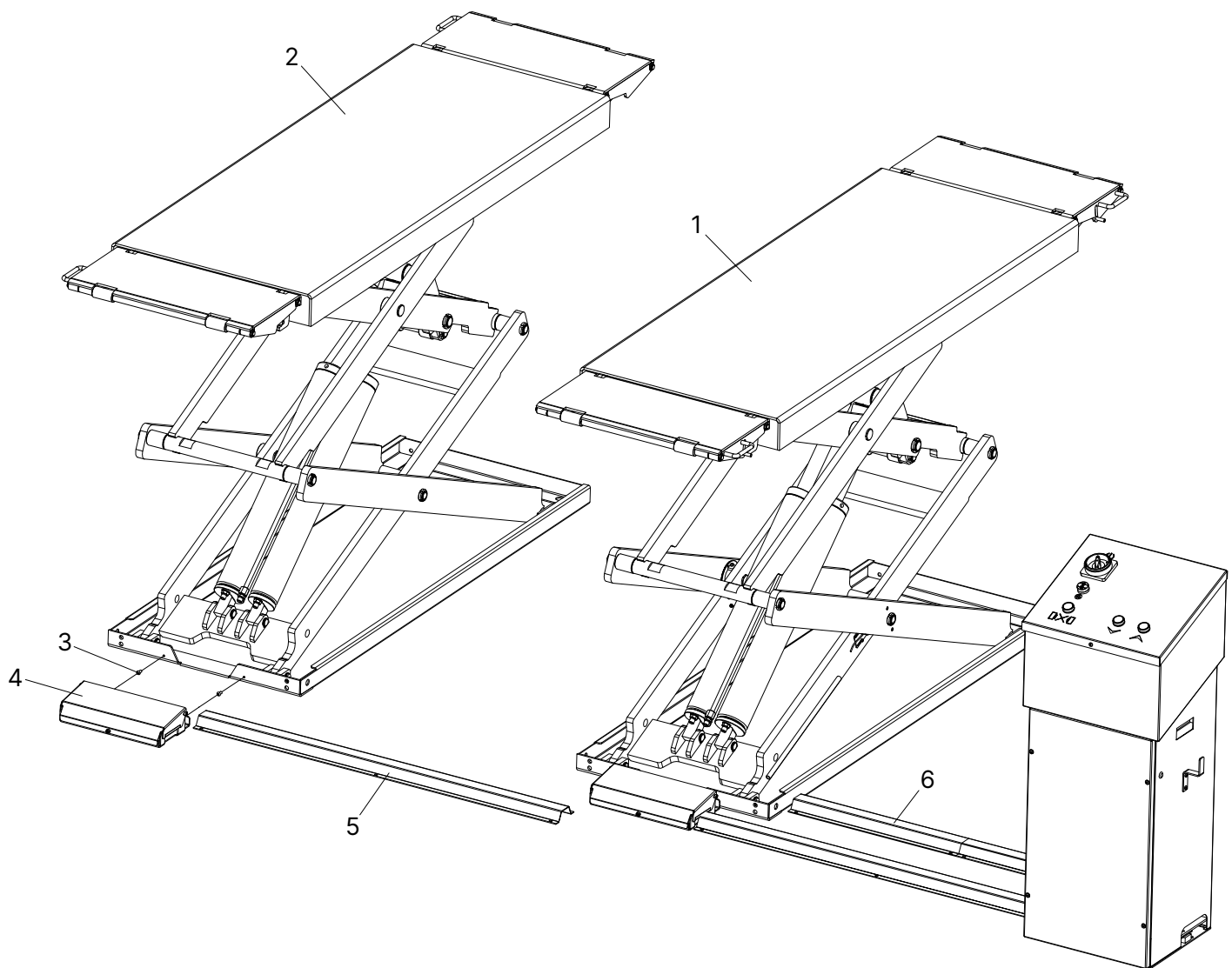


Doppelscheren-Hebebühne

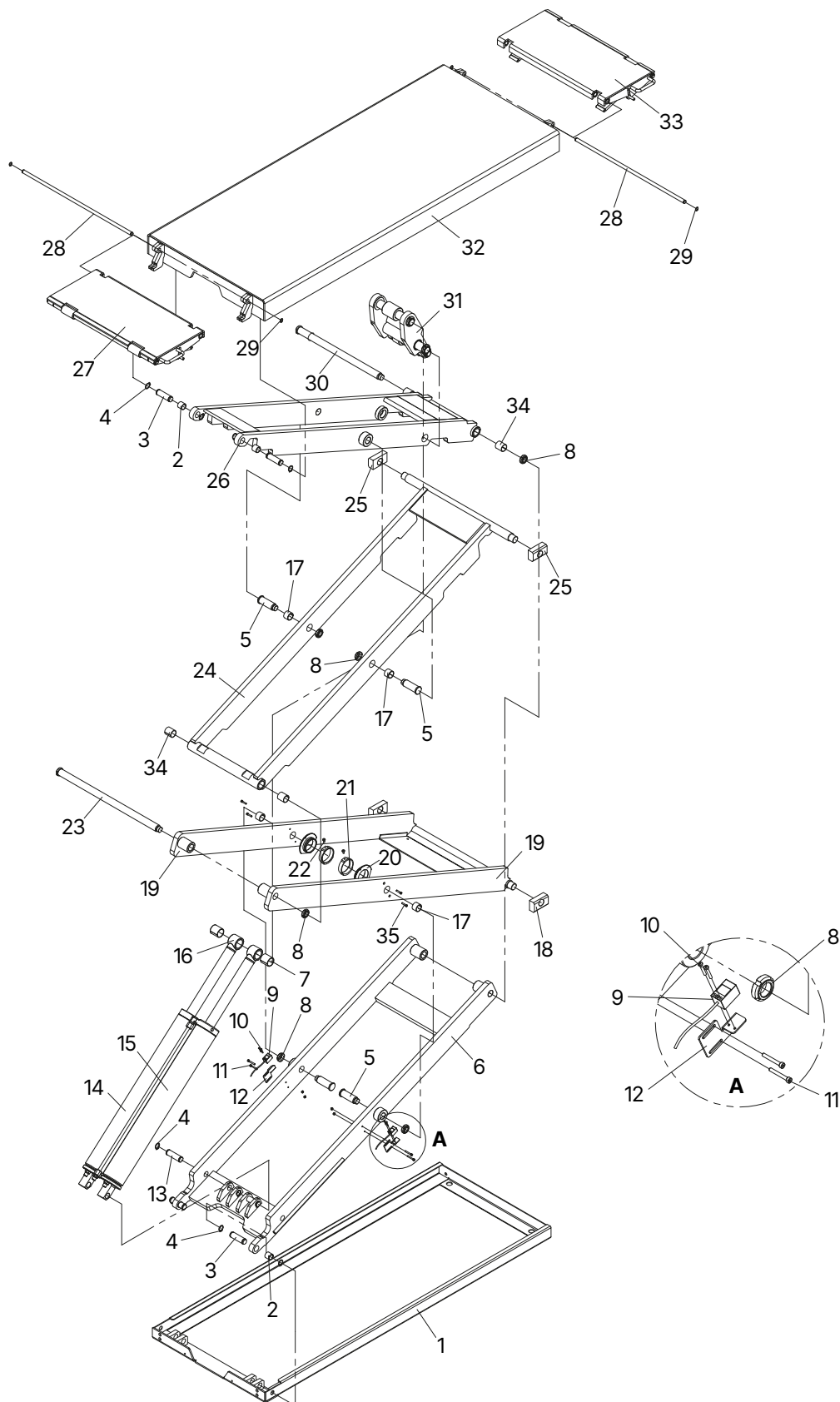
## ATH Frame Lift 30FZ

Ab Seriennummer: 8030080401390





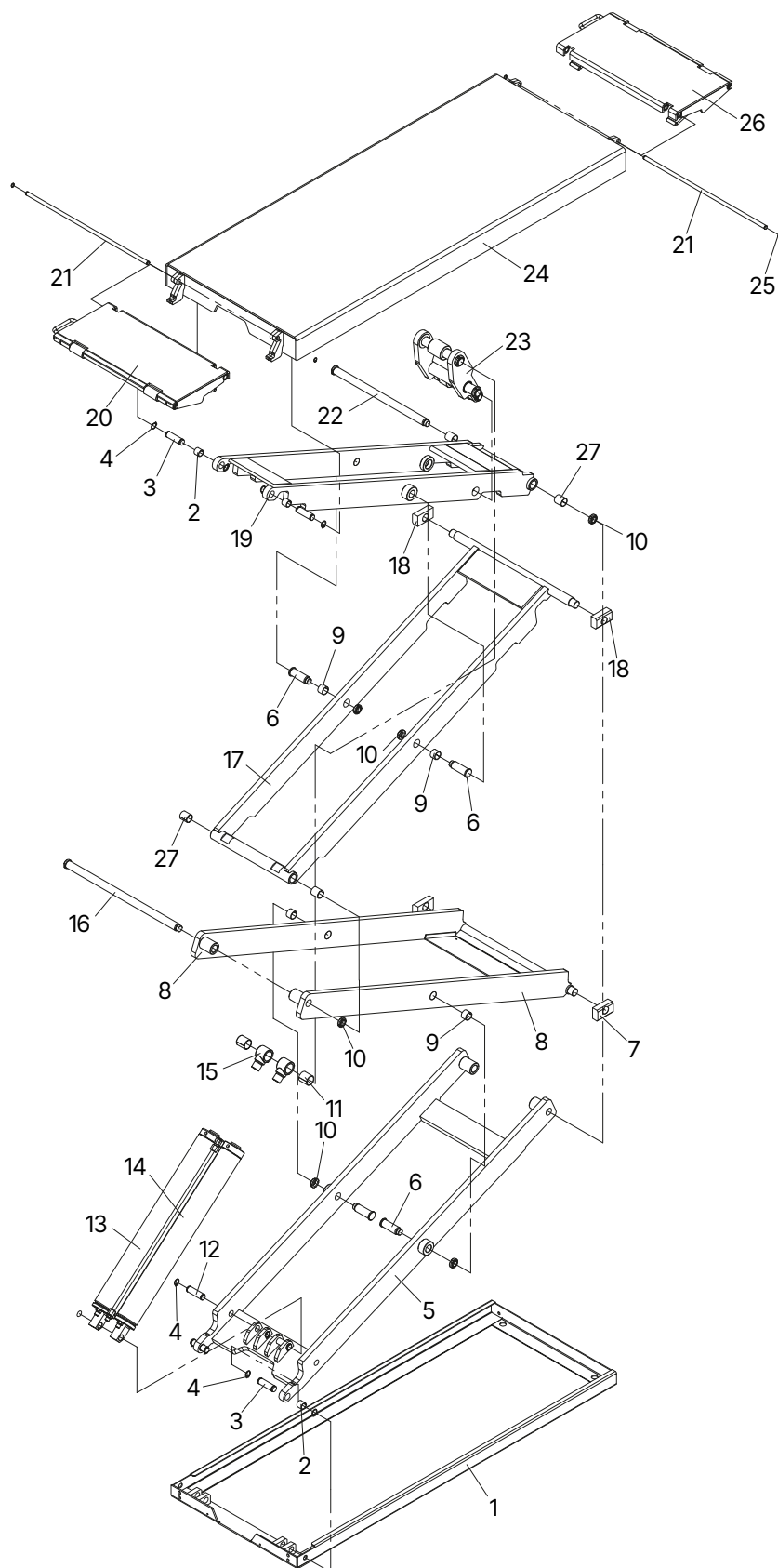
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|--------|---------|----------------------------------|--------|
| 01-001 |         | Plattform A                      | 1      |
| 01-002 |         | Plattform B                      | 1      |
| 01-003 |         | Schraube M6x12                   | 4      |
| 01-004 | HAB2422 | Abdeckbox für Hydraulikschläuche | 2      |
| 01-005 | HAB2415 | Abdeckung                        | 2      |
| 01-006 | HAB2420 | Abdeckung                        | 2      |
| 01-007 | HAB2418 | Abdeckblech Eckstück             |        |



| Nr.    | ATH-Nr. | Beschreibung | Anzahl |
|--------|---------|--------------|--------|
| 02-001 | HGR2105 | Grundrahmen  | 1      |



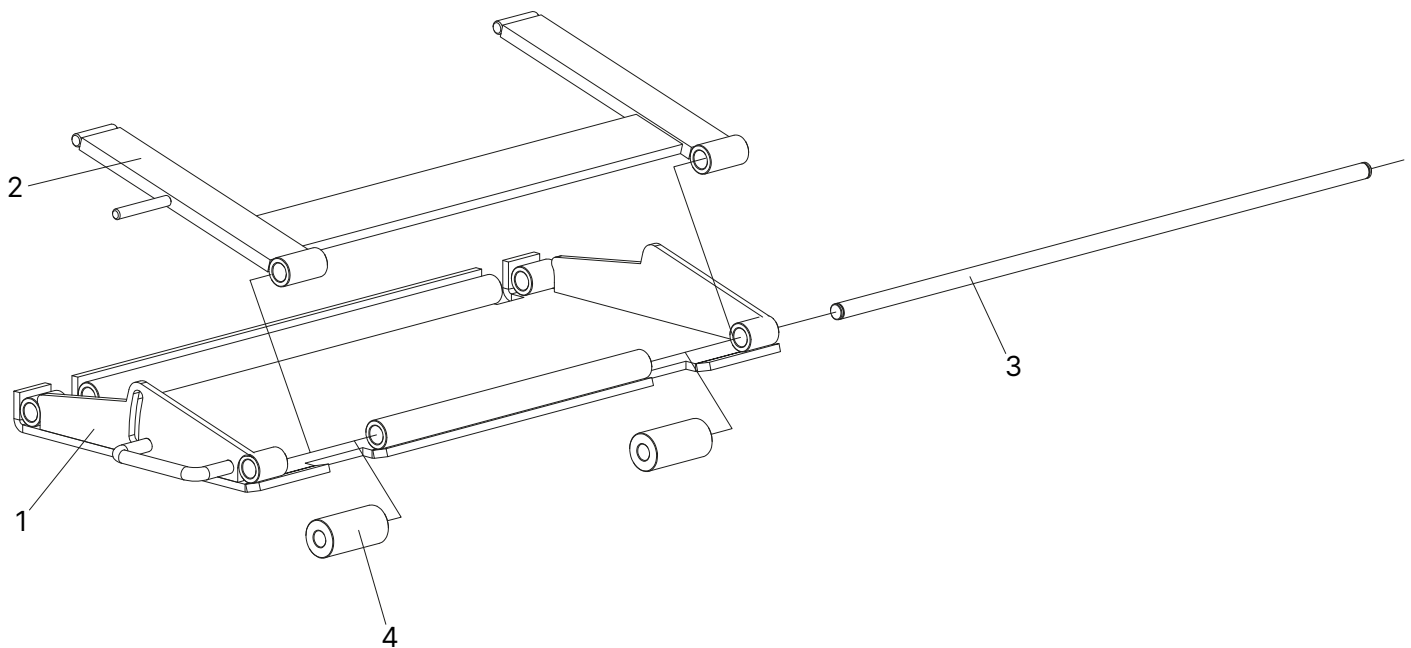
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|--------|------------|----------------------------------|--------|
| 02-002 | HLB2020.20 | Buchse 2020                      | 4      |
| 02-003 | HUB2102    | Untere Welle                     | 4      |
| 02-004 | HSR2317    | Seegering D.20                   | 12     |
| 02-005 | HSW3210    | Welle kurz                       | 4      |
| 02-006 |            | Innere Schere unten              | 1      |
| 02-007 | HMB3035    | Buchse 3035                      | 2      |
| 02-008 | HSM2001    | Mutter M20x1                     | 6      |
| 02-009 | HES8433    | Näherungsschalter                | 2      |
| 02-010 |            | Schraube M3x20                   | 4      |
| 02-011 |            | Schraube M4x30                   | 4      |
| 02-012 | HHE8437    | Halterung                        | 2      |
| 02-013 | HWZ2310    | Welle für Zylinderaufnahme unten | 2      |
| 02-014 | HHZ6137    | Folgezylinder                    | 1      |
| 02-015 | HHZ6138    | Hydraulikzylinder Master         | 1      |
| 02-016 | HZA8469    | Zylinderaufnahme oben            | 2      |
| 02-017 | ALB2015    | Lagerbuchse 2520                 | 4      |
| 02-018 | HGS3158    | Unteres Gleitstück               | 2      |
| 02-019 |            | Äußere untere Schere             | 1      |
| 02-020 | HRA2510    | Ring-Aufnahme für Endschalter    | 2      |
| 02-021 | HRE2510    | Ring für Endschalter             | 2      |
| 02-022 |            | Schraube M5x10                   | 2      |
| 02-023 | HSW3219    | Lange Welle                      | 1      |
| 02-024 |            | Obere äußere Schere              | 1      |
| 02-025 | HGS3159    | Oberes Gleitstück                | 2      |
| 02-026 |            | Obere innere Schere              | 1      |
| 02-027 |            | Auffahrrampe                     | 1      |
| 02-028 | HBR8405    | Bolzen für Auffahrrampe          | 2      |
| 02-029 | HSR2049    | Seegering D.12                   | 4      |
| 02-030 | HSW3214    | Welle                            | 1      |
| 02-031 | HMB4028    | Umlenkhebel kpl.                 | 1      |
| 02-032 |            | Plattform                        | 1      |
| 02-033 |            | Auffahrrampe P1 kpl.             | 1      |
| 02-034 | HMB2525    | Buchse 2525                      | 4      |
| 02-035 |            | Schraube M4x25                   | 4      |
| 02-036 |            | Mutter M4                        | 4      |



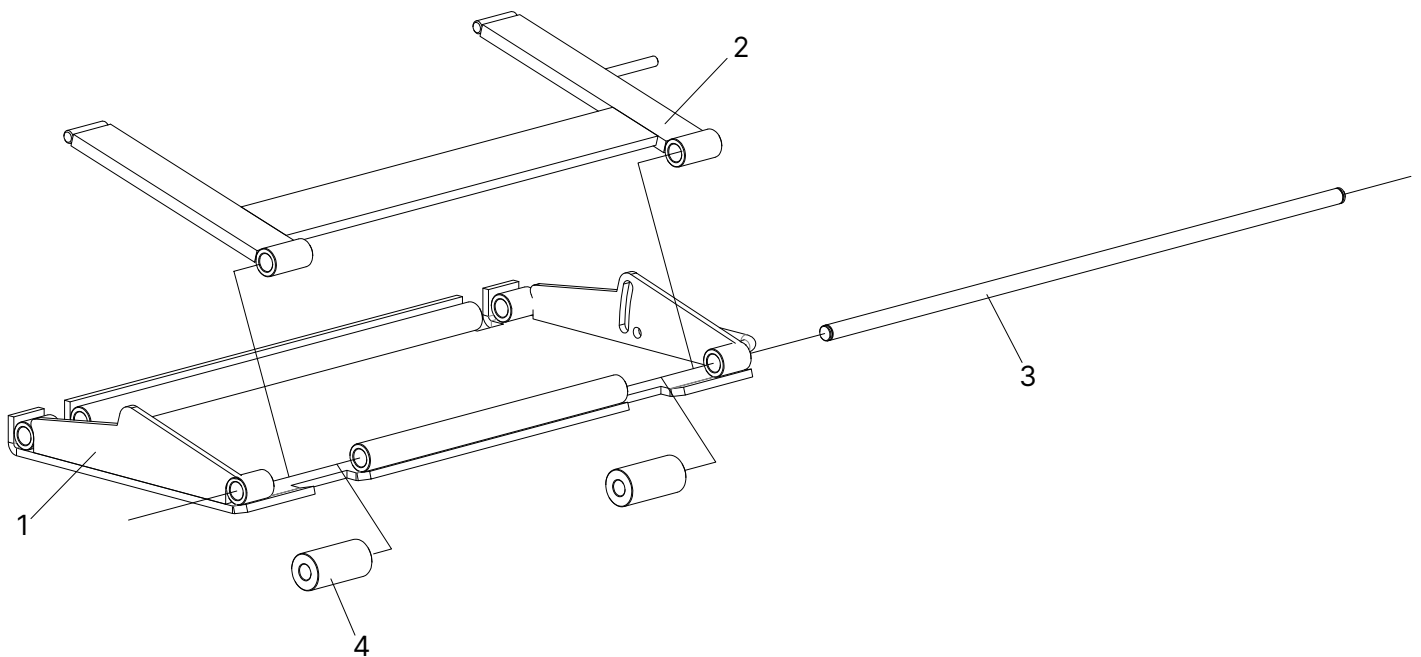
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|--------|---------|--------------|--------|
| 03-001 | HGR2105 | Grundrahmen  | 1      |



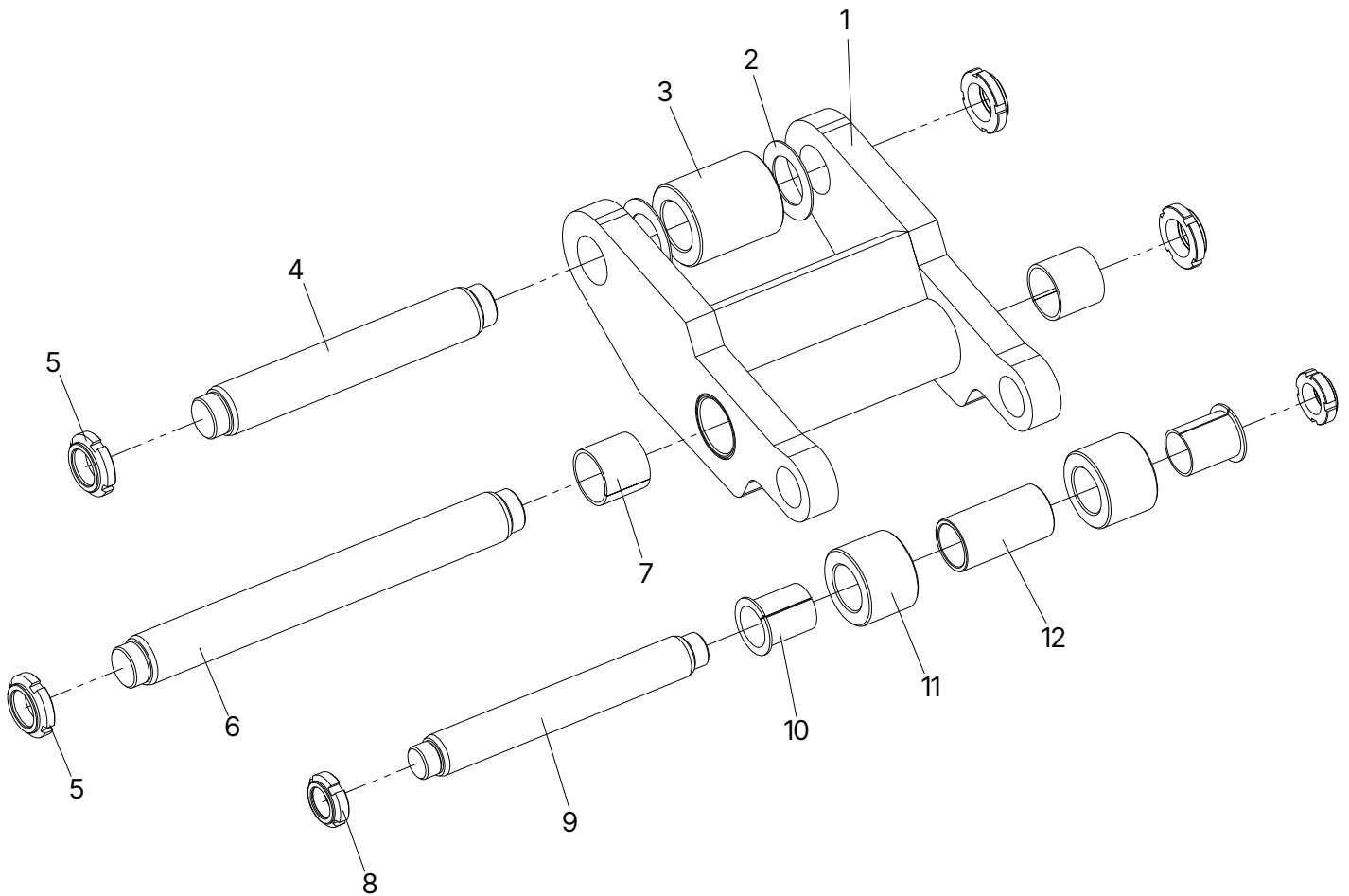
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|--------|------------|----------------------------------|--------|
| 03-002 | HLB2020.20 | Buchse 2020                      | 4      |
| 03-003 | HUB2102    | Untere Welle                     | 4      |
| 03-004 | HSR2317    | Seegering D.20                   | 12     |
| 03-005 | HMB3035    | Innere Schere unten              | 1      |
| 03-006 | HSW3210    | Welle                            | 4      |
| 03-007 | HGS3158    | Unteres Gleitstück               | 2      |
| 03-008 |            | Äußere untere Schere             | 1      |
| 03-009 | ALB2015    | Lagerbuchse 2520                 | 4      |
| 03-010 | HSM2001    | Mutter M20x1                     | 6      |
| 03-011 | HMB3035    | Buchse 3035                      | 2      |
| 03-012 | HWZ2310    | Welle für Zylinderaufnahme unten | 2      |
| 03-013 | HHZ6139    | Hydraulikzylinder Master         | 1      |
| 03-014 | HHZ6140    | Hydraulikzylinder Slave          | 1      |
| 03-015 | HZA8469    | Wellenunterstützung              | 2      |
| 03-016 | HSW3219    | Lange Welle                      | 1      |
| 03-017 |            | Obere äußere Schere              | 1      |
| 03-018 | HGS3159    | Oberes Gleitstück                | 2      |
| 03-019 |            | Obere innere Schere              | 1      |
| 03-020 | HAR0001    | Auffahrrampe P1 kpl.             | 1      |
| 03-021 | HBR8405    | Welle                            | 2      |
| 03-022 | HSW3214    | Welle                            | 1      |
| 03-023 | HMB4028    | Umlenkhebel kpl.                 | 1      |
| 03-024 |            | Plattform                        | 1      |
| 03-025 | HSR2049    | Seegering D.12                   | 4      |
| 03-026 |            | Auffahrrampe                     | 1      |
| 03-027 | ALB2015    | Lagerbuchse 2520                 | 4      |



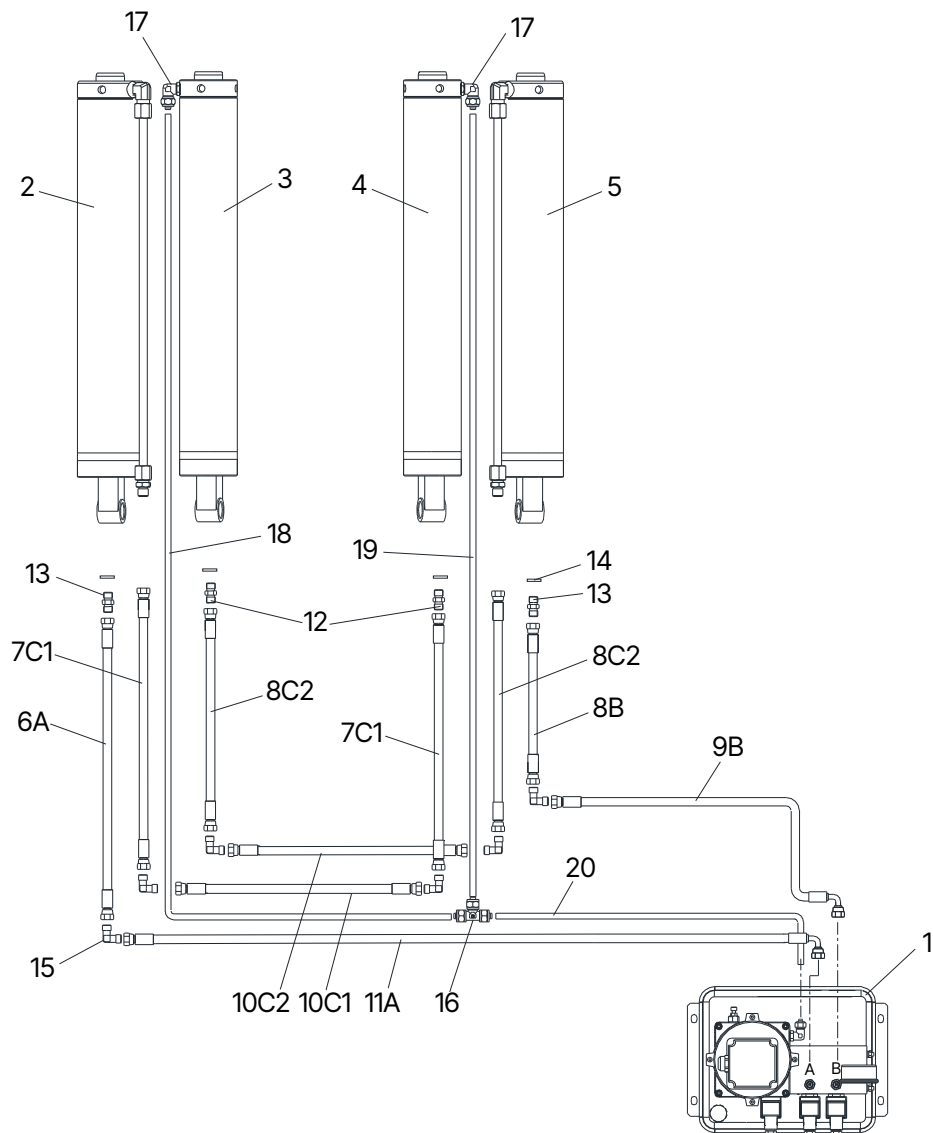
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|--------|---------|---------------------------------|--------|
| 04-001 | HAR8405 | Auffahrrampe                    | 1      |
| 04-002 | HRA8427 | Arretierungsplatte Auffahrrampe | 1      |
| 04-003 | HBR8405 | Bolzen für Auffahrrampe         | 1      |
| 04-004 | HRA8428 | Roller Auffahrrampe             | 2      |



| Nr.    | ATH-Nr. | Beschreibung                    | Anzahl |
|--------|---------|---------------------------------|--------|
| 05-001 | HAR8406 | Auffahrrampe                    | 1      |
| 05-002 | HRA8427 | Arretierungsplatte Auffahrrampe | 1      |
| 05-003 | HBR8405 | Bolzen für Auffahrrampe         | 1      |
| 05-004 | HRA8428 | Roller Auffahrrampe             | 2      |

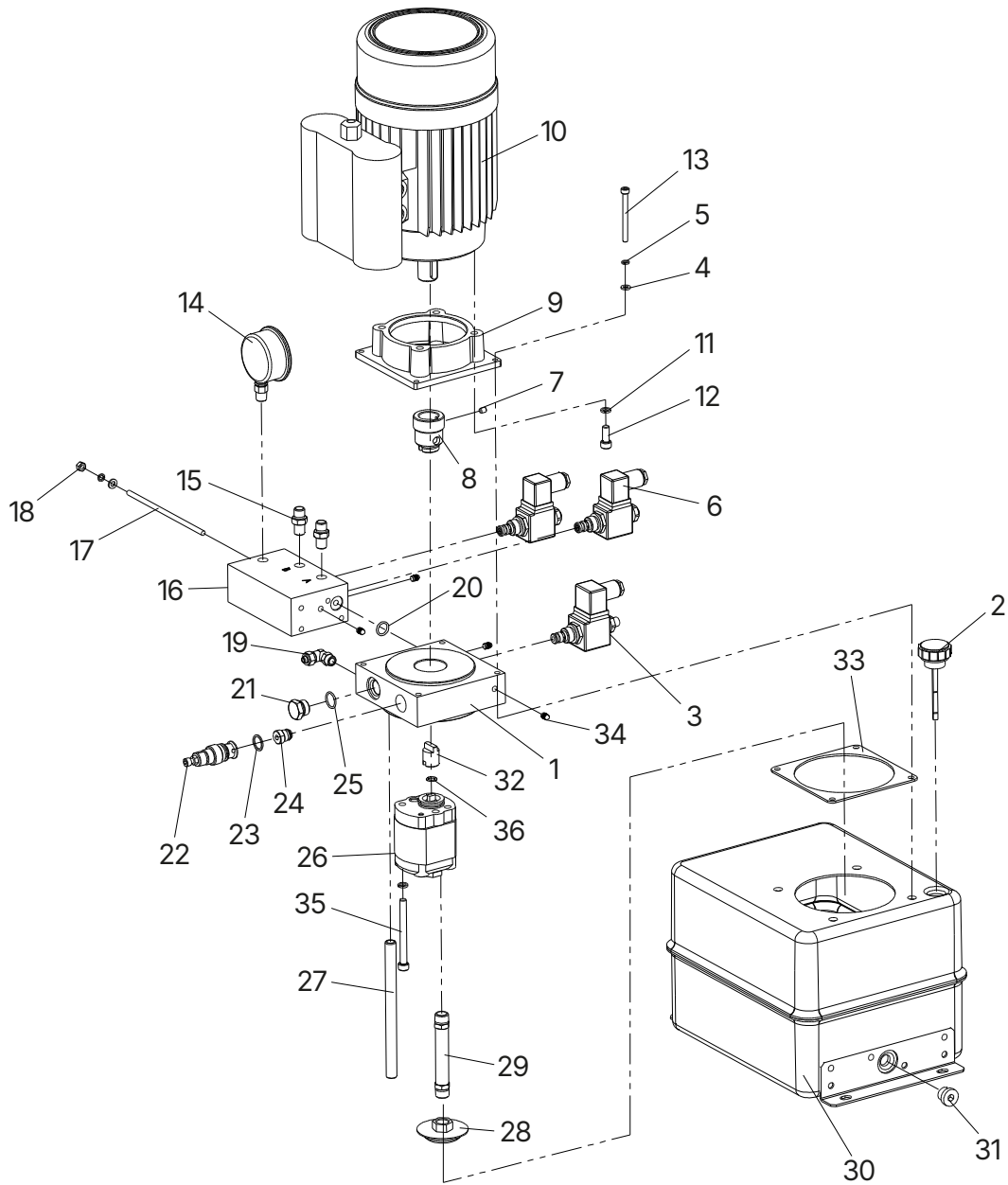


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|--------|------------|-----------------------------|--------|
| 06-001 | HMB4029    | Umlenkhebel                 | 1      |
| 06-002 | HAH3111    | Abstandshalter              | 2      |
| 06-003 | HAH3110    | Nylon Abstandshalter        | 1      |
| 06-004 | HWU4029    | Welle für Umlenkhebel       | 1      |
| 06-005 | HSM2515    | Mutter M25X1.5              | 4      |
| 06-006 | HSW3216.10 | Welle für Umlenkhebel       | 1      |
| 06-007 | HLB3030    | Buchse 3030                 | 2      |
| 06-008 | HSM2001    | Mutter M20x1                | 2      |
| 06-009 | HRW4029    | Rollenwelle für Umlenkhebel | 1      |
| 06-010 | HLB2535    | Buchse 2535                 | 2      |
| 06-011 | HRU4029    | Rolle für Umlenkhebel       | 2      |
| 06-012 | HBU4029    | Buchse für Umlenkhebel      | 1      |



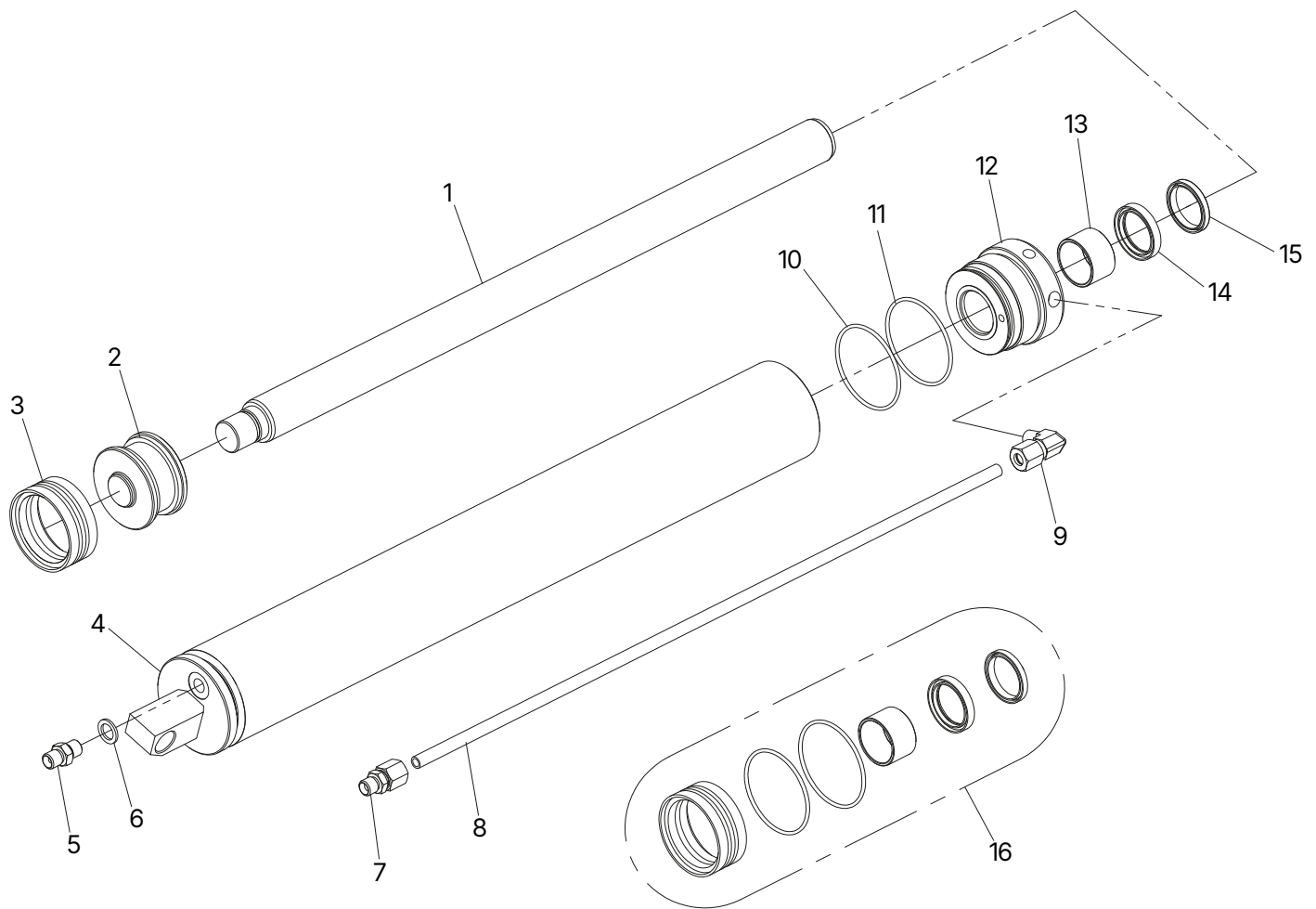
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|--------|---------|--------------------------|--------|
| 07-001 | HHA6260 | Hydraulikaggregat kpl.   | 1      |
| 07-002 | HHZ6139 | Hydraulikzylinder Master | 1      |
| 07-003 | HHZ6140 | Hydraulikzylinder Slave  | 1      |
| 07-004 | HHZ6137 | Hydraulikzylinder Slave  | 1      |
| 07-005 | HHZ6138 | Hydraulikzylinder Master | 1      |
| 07-006 | HHS8603 | Hydraulikschlauch L=320  | 1      |
| 07-007 | HHS6954 | Hydraulikschlauch L=300  | 2      |
| 07-008 | HHS6956 | Hydraulikschlauch L=280  | 3      |
| 07-009 | HHS8693 | Hydraulikschlauch L=2870 | 1      |
| 07-010 | HHS6955 | Hydraulikschlauch L=1330 | 2      |
| 07-011 | HHS8696 | Hydraulikschlauch L=4200 | 1      |
| 07-012 | HHA8369 | Anschluss 1/4"           | 2      |

| Nr.    | ATH-Nr.    | Beschreibung            | Anzahl |
|--------|------------|-------------------------|--------|
| 07-013 | HED8360    | Einweg-Drosselanschluss | 2      |
| 07-014 | HUS8530.10 | Unterlegscheibe         | 4      |
| 07-015 | HZA8365    | 90° Anschluss 1B9-04SP  | 6      |
| 07-016 | HHT8367    | T-Verbindung            | 1      |
| 07-017 | HHA8367    | Drehverbindung 10-1/4"  | 2      |
| 07-018 | HPS8367    | PU Schlauch 10x6,5x2400 | 1      |
| 07-019 | HPS8367    | PU Schlauch 10x6,5x1000 | 1      |
| 07-020 | HPS8367    | PU Schlauch 10x6,5x3000 | 1      |



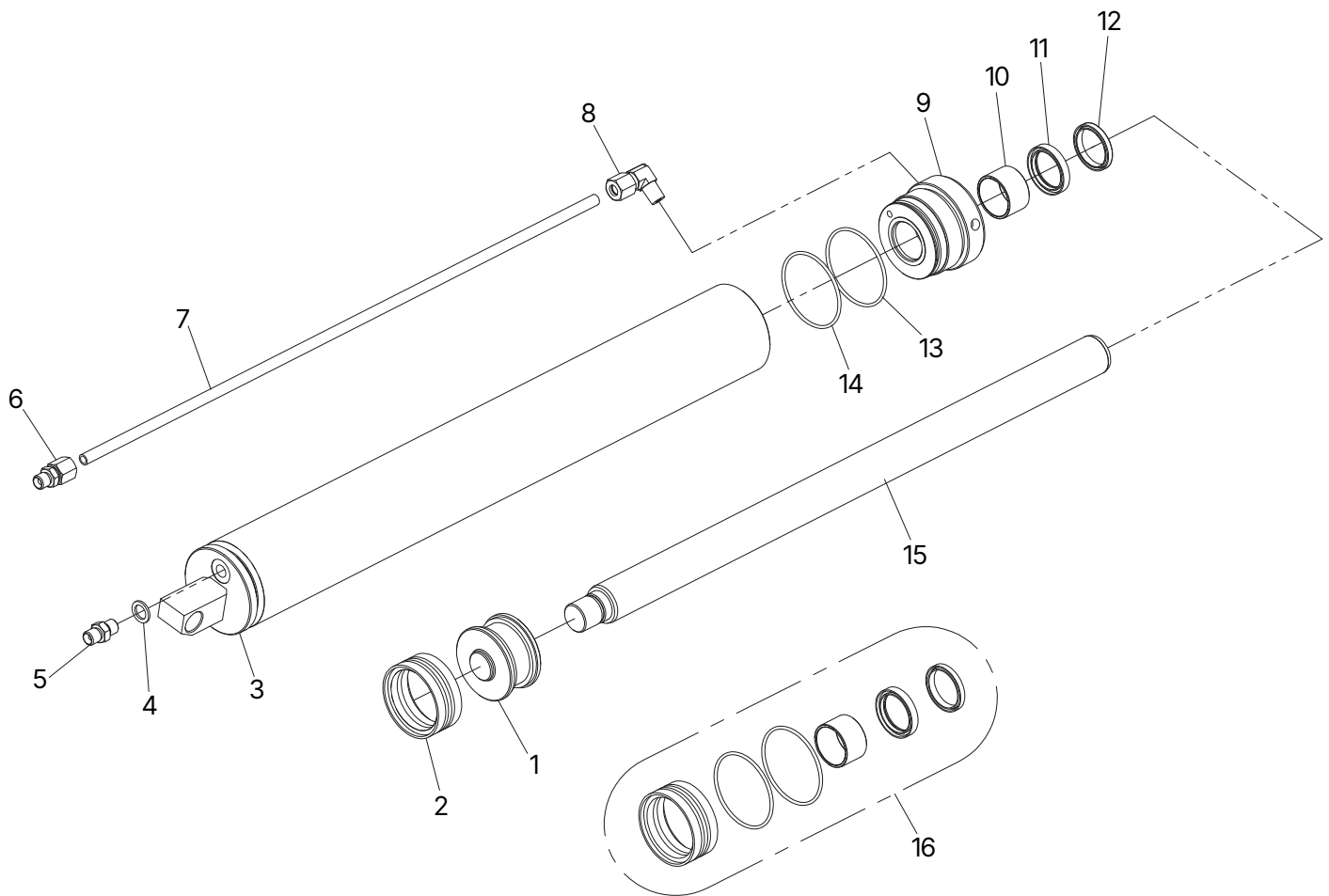
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|--------|---------|---------------------------|--------|
| 08-001 | HHB8302 | Hydraulikblock            | 1      |
| 08-002 | HTV8327 | Ölstandschraube G3/4"     | 1      |
| 08-003 | HSV6221 | Senkventil 24 VDC         | 1      |
| 08-004 | HBS8712 | Unterlegscheibe D.6       | 8      |
| 08-005 | HFR2832 | Federring D.6             | 8      |
| 08-006 | HSM8316 | Steuer-Magnetventil DC24V | 2      |
| 08-007 | HSG8257 | Schraube M6x8             | 1      |
| 08-008 | HMA8304 | Motoradapter              | 1      |
| 08-009 | HMF8303 | Motorflansch              | 1      |

| Nr.    | ATH-Nr.    | Beschreibung                     | Anzahl |
|--------|------------|----------------------------------|--------|
| 08-010 | HHM8312    | Elektromotor 2,6KW 400V/3PH/50Hz | 1      |
| 08-011 | HFR2812    | Federring D.8                    | 6      |
| 08-012 | HSS0820    | Schraube M8x20                   | 4      |
| 08-013 | HSS0665    | Schraube M6x65                   | 4      |
| 08-014 | HM8314     | Manometer LA-60x400              | 1      |
| 08-015 | HHA8368    | Anschlussstück 1/4 1BT-04SP      | 2      |
| 08-016 | HHV8312    | Hydraulikverteiler               | 1      |
| 08-017 |            | Doppel-Schraubenbolzen M6X160    | 4      |
| 08-018 |            | Mutter M6                        | 4      |
| 08-019 | HHA8367    | Verbindung 10 ZG 1/4"            | 1      |
| 08-020 | HHD8332    | O-Ring 18x2.4                    | 1      |
| 08-021 | HHA8308    | Blindstopfen                     | 1      |
| 08-022 | HDV8315.10 | Druckbegrenzungsventil           | 1      |
| 08-023 | RDR1140    | Kupferunterlegscheibe 16x20      | 1      |
| 08-024 | HRV8318    | Rückschlagventil                 | 1      |
| 08-025 | HHD8331    | O-Ring 17x2                      | 1      |
| 08-026 | HZP8312    | Zahnradpumpe 4.8CC               | 1      |
| 08-027 | HRR4065    | Rücklaufrohr                     | 1      |
| 08-028 | HHF8323    | Ölfilter ZG3/8"                  | 1      |
| 08-029 | HAR8306    | Ansaugrohr 110mm                 | 1      |
| 08-030 | HAT8309    | Öl-Tank                          | 1      |
| 08-031 | HAS8325    | Stopfen 4BN-06WD G3/8"           | 1      |
| 08-032 | HPA8305    | Pumpenadapter 25mm               | 1      |
| 08-033 | HAD8310    | Dichtung                         | 1      |
| 08-034 | HBS6214    | Stopfen ZBJ22 007-QD07           | 4      |
| 08-035 |            | Schraube M8X85                   | 2      |
| 08-036 | HHD8330    | O-Ring 13x1.9                    | 1      |

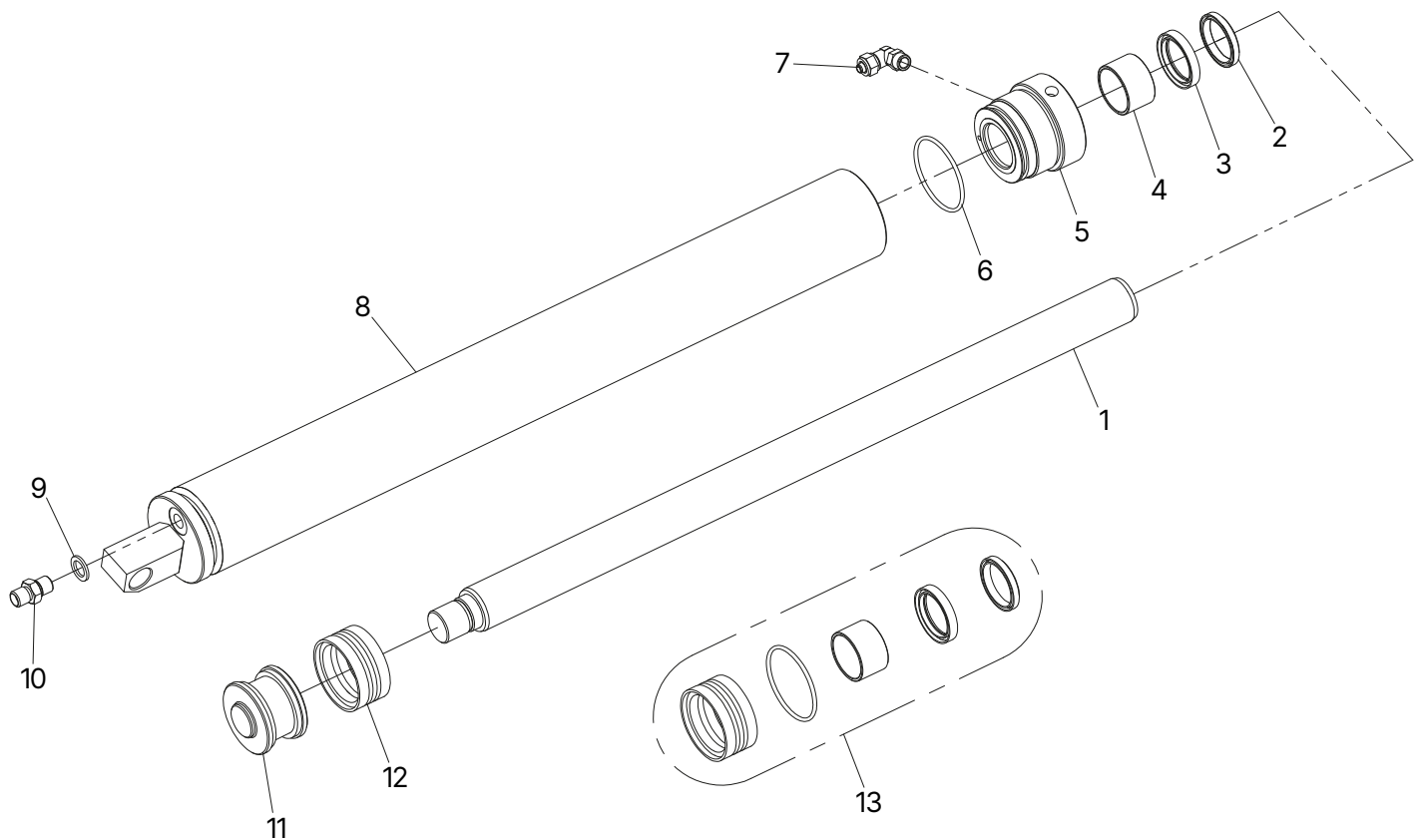


| Nr.    | ATH-Nr.    | Beschreibung                      | Anzahl |
|--------|------------|-----------------------------------|--------|
| 09-001 |            | Kolbenstange                      | 1      |
| 09-002 |            | Kolben                            | 1      |
| 09-003 | HZD8892    | Dichtung 70x58x20.5               | 1      |
| 09-004 |            | Zylinderrohr                      | 1      |
| 09-005 | HED8360    | Einweg-Drosselanschluss           | 1      |
| 09-006 | HUS8530.10 | Unterlegscheibe                   | 1      |
| 09-007 | HHA8373    | Anschluss                         | 1      |
| 09-008 | HHS8652    | Hydraulikleitung am Zylinder kpl. | 1      |
| 09-009 | HHA8372    | Anschluss                         | 1      |
| 09-010 | HZD8701    | O-Ring 73x3.1                     | 1      |
| 09-011 | HZD8702    | O-Ring 75x3.1                     | 1      |
| 09-012 | HZV8710    | Zylinderdeckel                    | 1      |
| 09-013 | HZD8503    | Führungsring 36x25x2.5            | 1      |
| 09-014 | HZD8699    | Dichtung 36x46x8                  | 1      |
| 09-015 | HZD8758    | Abstreifring 36x44x5              | 1      |

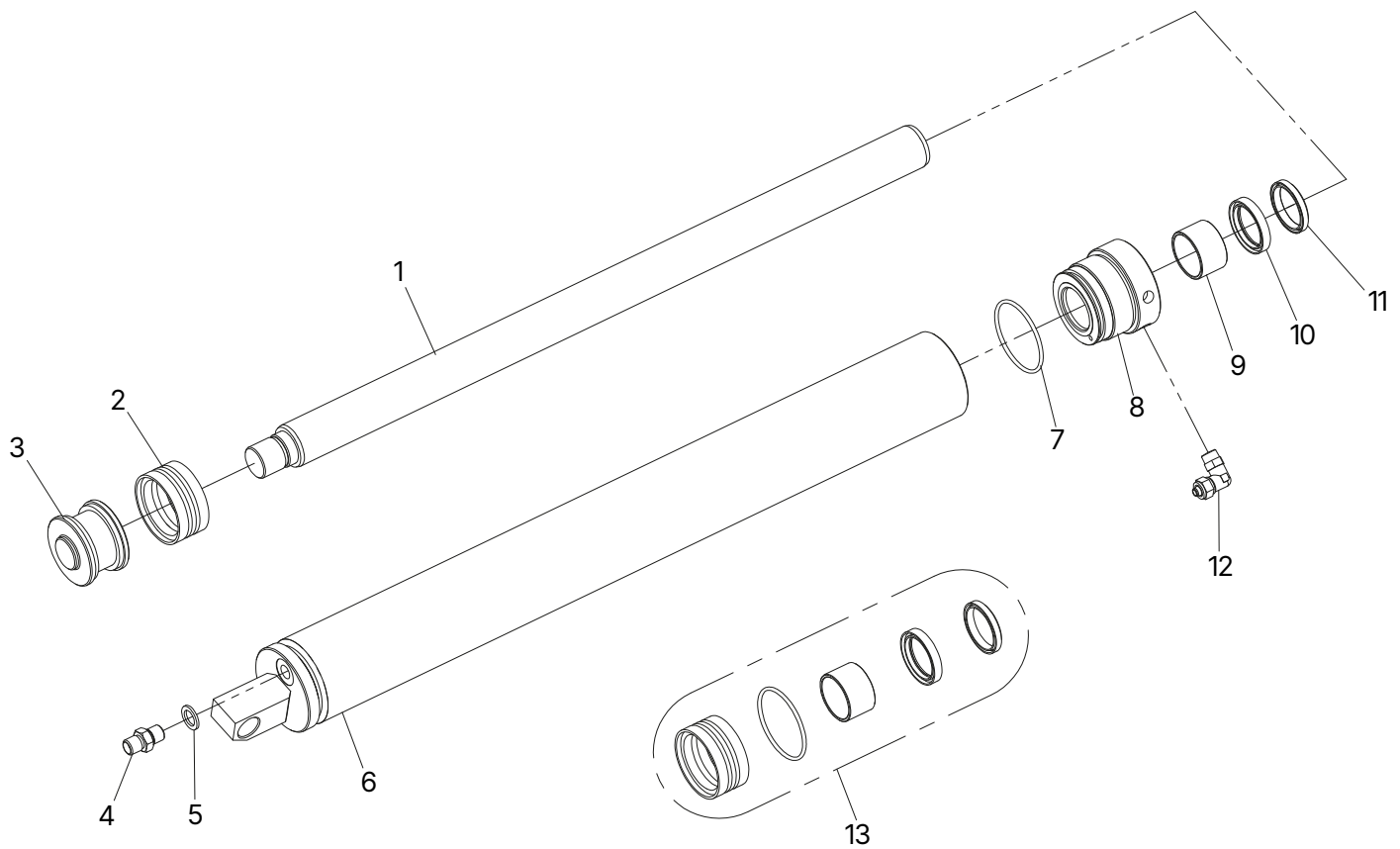
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|--------|---------|---------------------------------------|--------|
| 09-016 | HDS6563 | Dichtungsset Master Hydraulikzylinder |        |



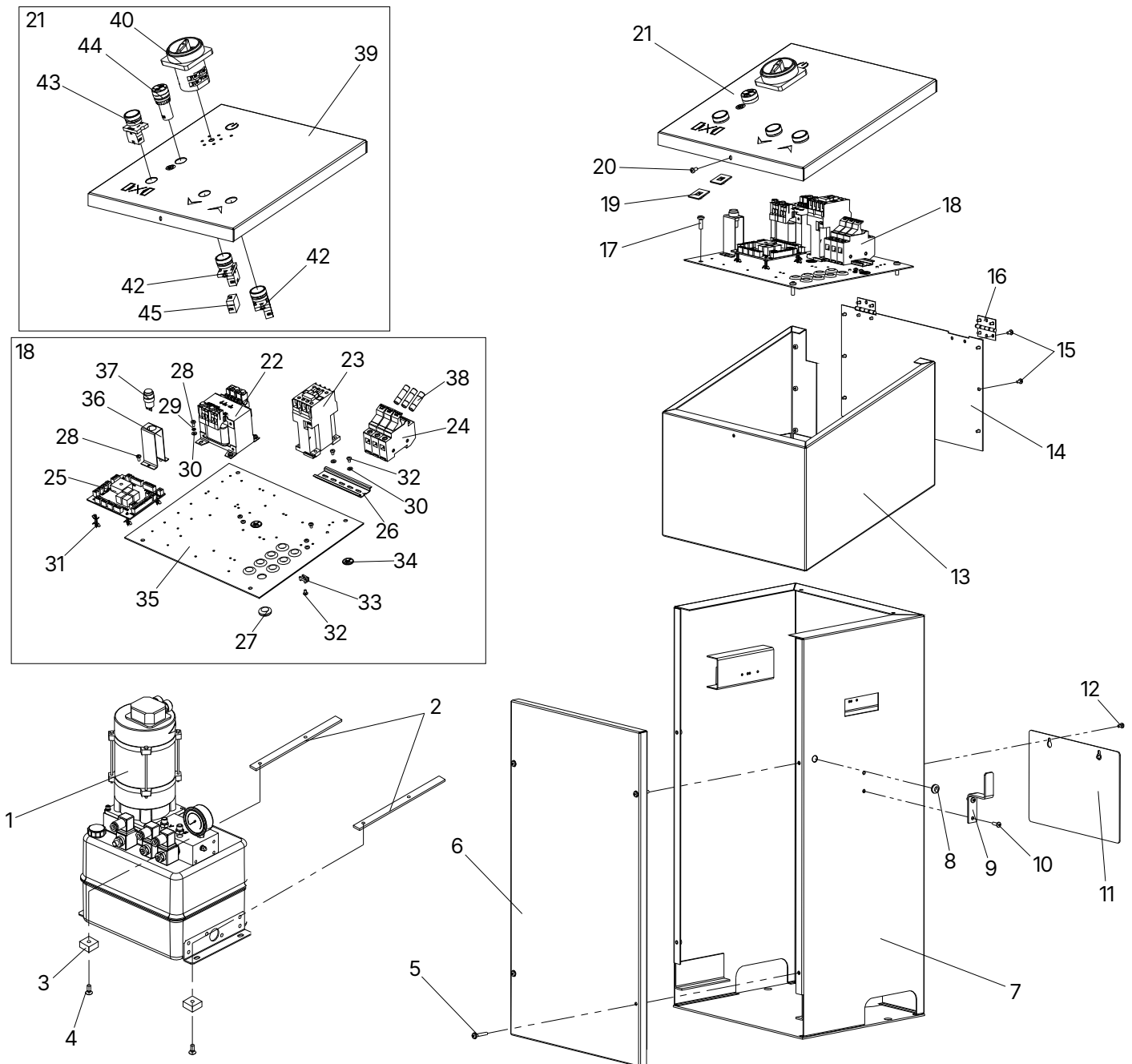
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|--------|------------|---------------------------------------|--------|
| 10-001 |            | Kolben                                | 1      |
| 10-002 | HZD8892    | Dichtung 70x58x20.5                   | 1      |
| 10-003 |            | Zylinderrohr                          | 1      |
| 10-004 | HUS8530.10 | U-Seal-Ring                           | 1      |
| 10-005 | HED8360    | Einweg-Drosselanschluss               | 1      |
| 10-006 | HHA8373    | Anschluss                             | 1      |
| 10-007 | HHS8652    | Hydraulikleitung am Zylinder kpl.     | 1      |
| 10-008 | HHA8372    | Anschluss                             | 1      |
| 10-009 | HZV8710    | Zylinderdeckel                        | 1      |
| 10-010 | HZD8503    | Führungsring 36x25x2.5                | 1      |
| 10-011 | HZD8699    | Dichtung 36x46x8                      | 1      |
| 10-012 | HZD8758    | Abstreifring 36x44x5                  | 1      |
| 10-013 | HZD8701    | O-Ring 73x3.1                         | 1      |
| 10-014 | HZD8702    | O-Ring 75x3.1                         | 1      |
| 10-015 |            | Kolbenstange                          | 1      |
| 10-016 | HDS6563    | Dichtungsset Master Hydraulikzylinder |        |



| Nr.    | ATH-Nr.    | Beschreibung                         | Anzahl |
|--------|------------|--------------------------------------|--------|
| 11-001 |            | Kolbenwelle                          | 1      |
| 11-002 | HZD8758    | Abstreifring 36x44x5                 | 1      |
| 11-003 | HZD8699    | Dichtung 36x46x8                     | 1      |
| 11-004 | HZD8503    | Führungsring 36x25x2.5               | 1      |
| 11-005 | HZV8698    | Kopfplatte                           | 1      |
| 11-006 | HZD8703    | O-Ring 63x3.1                        | 1      |
| 11-007 | HHA8367    | Drehverbindung 10-1/4"               | 1      |
| 11-008 |            | Zylinderlaufbuchse                   | 1      |
| 11-009 | HUS8530.10 | U-Seal-Ring                          | 1      |
| 11-010 | HHA8369    | Anschluss 1/4"                       | 1      |
| 11-011 |            | Kolben                               | 1      |
| 11-012 | HZD8722    | Dichtung 60x48x20.5                  | 1      |
| 11-013 | HDS6566    | Dichtungsset Slave Hydraulikzylinder |        |



| Nr.    | ATH-Nr.    | Beschreibung                         | Anzahl |
|--------|------------|--------------------------------------|--------|
| 12-001 |            | Kolbenwelle                          | 1      |
| 12-002 | HZD8722    | Dichtung 60x48x20.5                  | 1      |
| 12-003 |            | Kolben                               | 1      |
| 12-004 | HHA8369    | Anschluss 1/4"                       | 1      |
| 12-005 | HUS8530.10 | U-Seal-Ring                          | 1      |
| 12-006 |            | Zylinderlaufbuchse                   | 1      |
| 12-007 | HZD8703    | O-Ring 63x3.1                        | 1      |
| 12-008 | HZV8698    | Kopfplatte                           | 1      |
| 12-009 | HHA8369    | Anschluss 1/4"                       | 1      |
| 12-010 | HZD8699    | Dichtung 36x46x8                     | 1      |
| 12-011 | HZD8758    | Abstreifring 36x44x5                 | 1      |
| 12-012 | HHA8367    | Drehverbindung 10-1/4"               | 1      |
| 12-013 | HDS6566    | Dichtungsset Slave Hydraulikzylinder |        |



| Nr.    | ATH-Nr. | Beschreibung                | Anzahl |
|--------|---------|-----------------------------|--------|
| 13-001 | HHA6260 | Hydraulikaggregat kpl.      | 1      |
| 13-002 |         | Halterung                   | 2      |
| 13-003 |         | Gummikissen                 | 4      |
| 13-004 |         | Schraube M8x20              | 4      |
| 13-005 |         | Schraube M5x30              | 4      |
| 13-006 | HAG1354 | Abdeckung vorne für Gehäuse | 1      |
| 13-007 | HUG1355 | Unteres Gehäuse             | 1      |
| 13-008 |         | Zugentlastung               | 1      |



| Nr.    | ATH-Nr.    | Beschreibung                 | Anzahl |
|--------|------------|------------------------------|--------|
| 13-009 |            | Kabelhalterung               | 1      |
| 13-010 |            | Schraube M5x14               | 2      |
| 13-011 | HHA1356    | Hintere Abdeckung            | 1      |
| 13-012 |            | Schraube M4x8                | 2      |
| 13-013 | HOB1357    | Oberstes Gehäuse             | 1      |
| 13-014 |            | Abdeckung hinten             | 1      |
| 13-015 |            | Schraube M4x8                | 15     |
| 13-016 |            | Scharnier                    | 2      |
| 13-017 |            | Schraube M6x20               | 4      |
| 13-018 |            | Verteilerschrank             | 1      |
| 13-019 |            | Führungsschiene              | 2      |
| 13-020 |            | Schraube M5x10               | 1      |
| 13-021 |            | Bedienfeld                   | 1      |
| 13-022 | HST8259    | Transformator JBK-80         | 1      |
| 13-023 | HMS8259    | Schütz 1210 / DC24V          | 1      |
| 13-024 | HSH7810    | Überlastsicherung RT18-32    | 3      |
| 13-025 | HSP8268    | Steuerplatine CP-501B.1      | 1      |
| 13-026 |            | Führungsschiene L=110        | 1      |
| 13-027 |            | Zugentlastung                | 8      |
| 13-028 |            | Schraube M4X8                | 6      |
| 13-029 |            | Sicherungsscheibe D.4        | 4      |
| 13-030 |            | Belagscheibe D.4             | 6      |
| 13-031 |            | Halterung HDB-16a            | 4      |
| 13-032 |            | Schraube M4x6                | 9      |
| 13-033 |            | Halterung HC-1               | 2      |
| 13-034 |            | Aufkleber                    | 2      |
| 13-035 |            | Grundplatte                  | 1      |
| 13-036 |            | Halterung                    | 1      |
| 13-037 | HLT8264    | Lichtschranke By-Pass Taster | 1      |
| 13-038 | HSE7216    | Sicherung 16A 10X38          | 3      |
| 13-039 |            | Abdeckung                    | 1      |
| 13-040 | HHS8253    | Hauptschalter                | 1      |
| 13-042 | HBT8254.02 | Taster                       | 2      |
| 13-043 | HBT8254.02 | Taster                       | 1      |
| 13-044 | HSG7110    | Signaltongeber               | 1      |

| Nr.    | ATH-Nr. | Beschreibung   | Anzahl |
|--------|---------|----------------|--------|
| 13-045 | HKE7026 | Kontaktelement | 1      |



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## ATH-Heinl GmbH & Co. KG

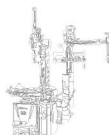
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D-92278 Illschwang  
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# Spare parts book

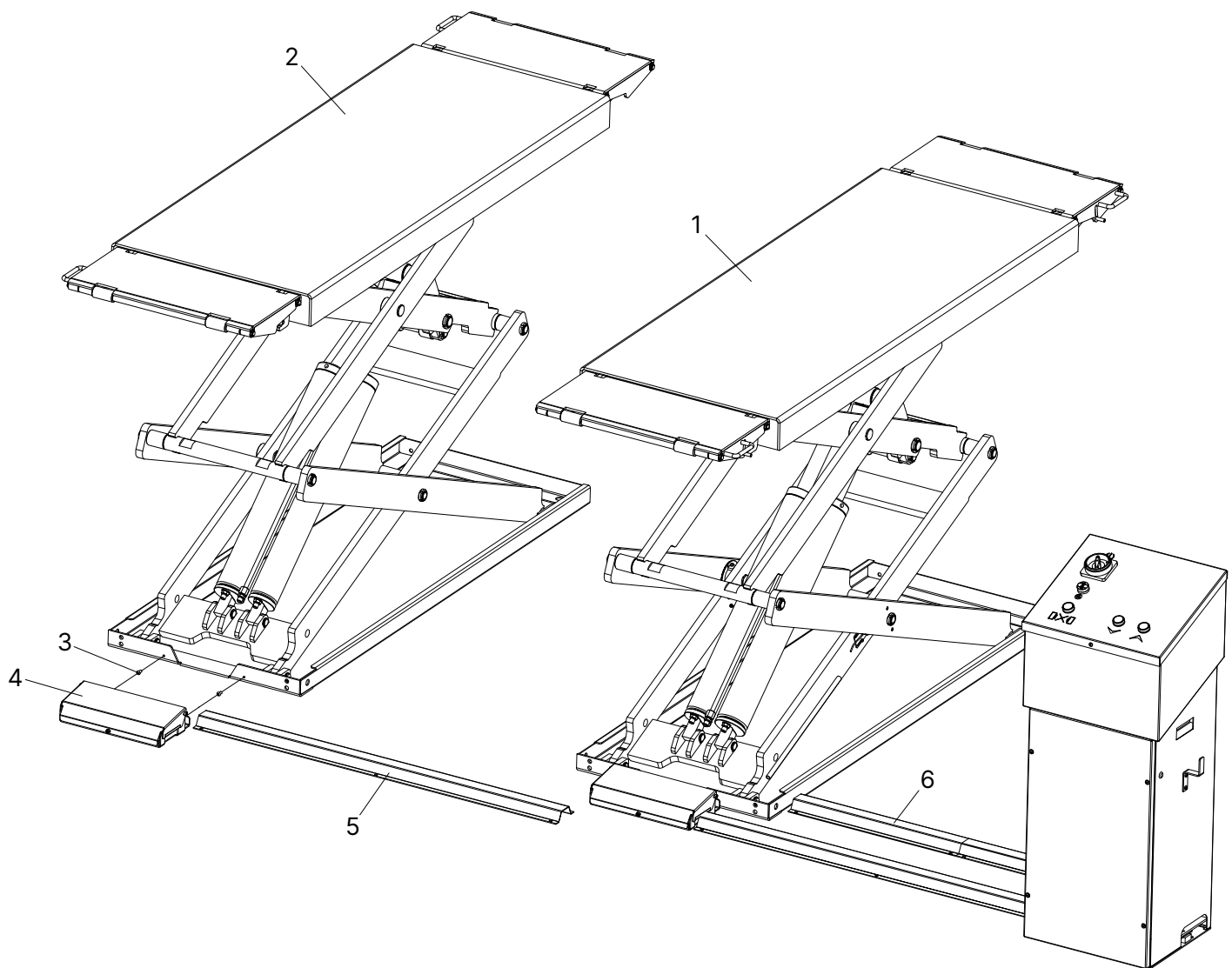


Double scissor lift

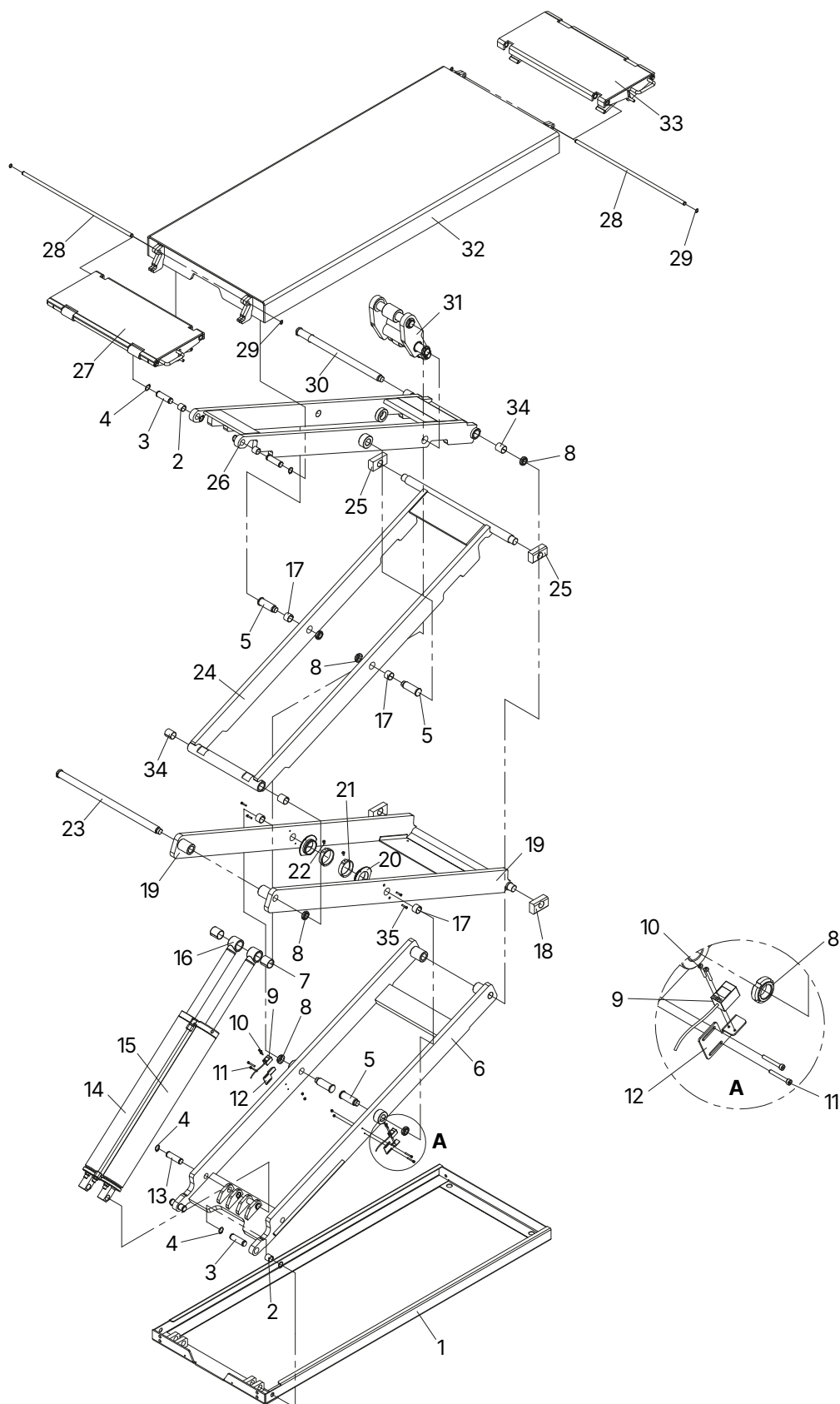
## ATH Frame Lift 30FZ

From serial number: 8030080401390





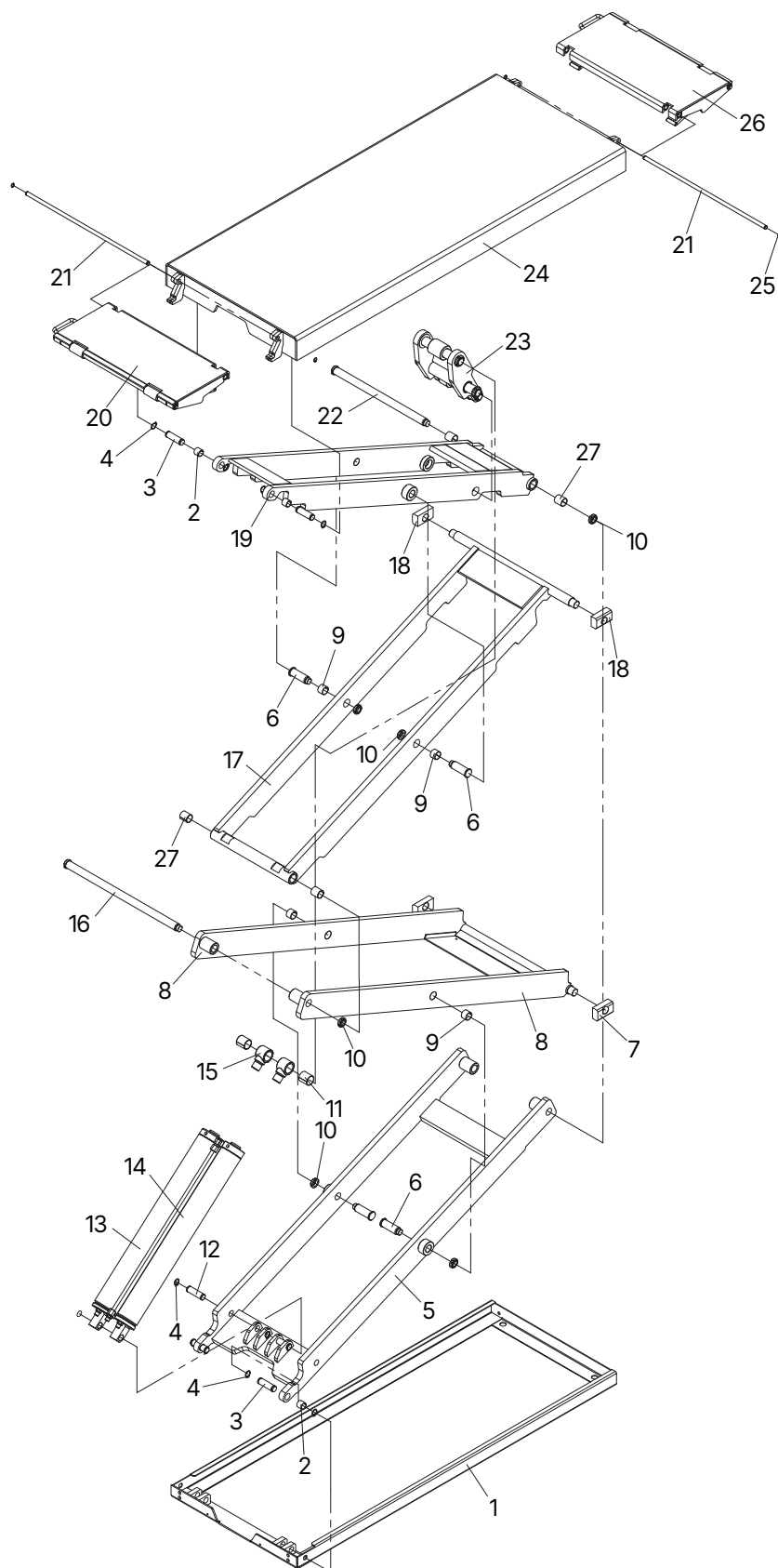
| Nr.    | ATH-Nr. | Description                  | Quantity |
|--------|---------|------------------------------|----------|
| 01-001 |         | Runway A                     | 1        |
| 01-002 |         | Runway B                     | 1        |
| 01-003 |         | Screw GB/T70.2/M6X12         | 4        |
| 01-004 | HAB2422 | Hose protection box assembly | 2        |
| 01-005 | HAB2415 | Cover                        | 2        |
| 01-006 | HAB2420 | Cover                        | 2        |
| 01-007 | HAB2418 | Corner cover                 |          |



| Nr.    | ATH-Nr. | Description | Quantity |
|--------|---------|-------------|----------|
| 02-001 | HGR2105 | Base        | 1        |



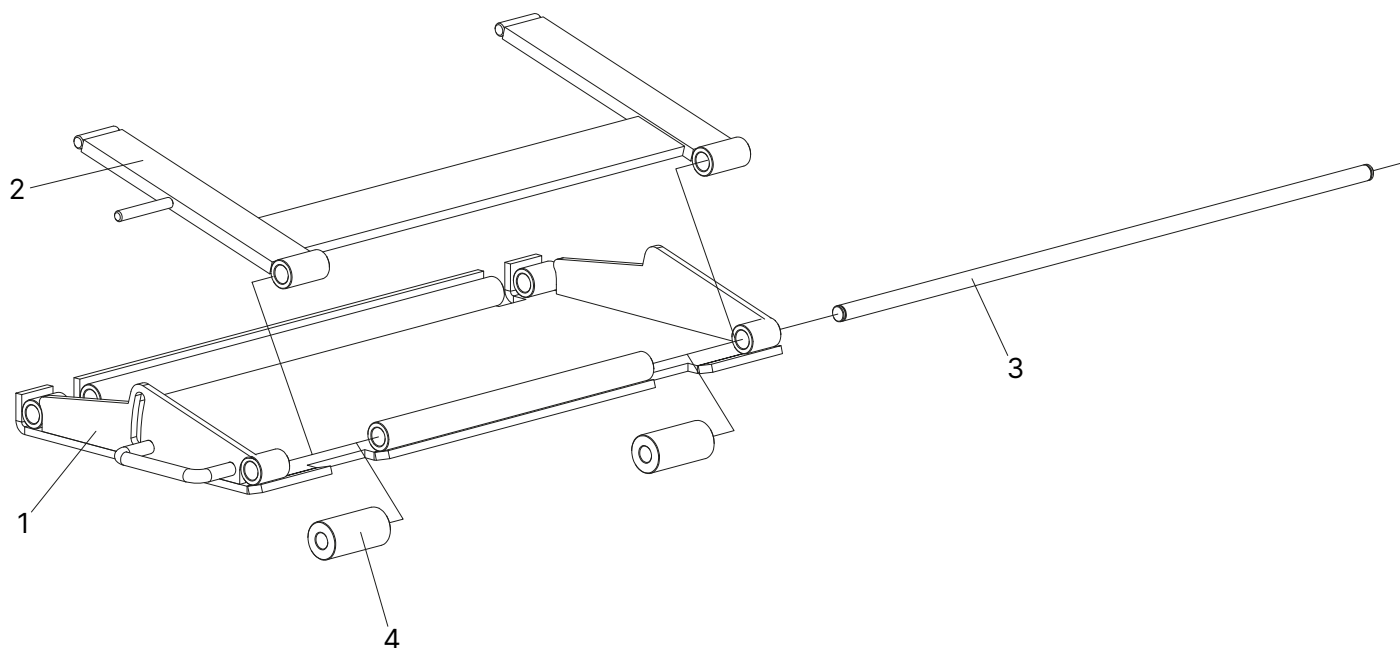
| Nr.    | ATH-Nr.    | Description               | Quantity |
|--------|------------|---------------------------|----------|
| 02-002 | HLB2020.20 | Bush SF-1/2020            | 4        |
| 02-003 | HUB2102    | Lower Shaft               | 4        |
| 02-004 | HSR2317    | Seeger GB/T894.1/20       | 12       |
| 02-005 | HSW3210    | Shaft                     | 4        |
| 02-006 |            | Inferior inner scissor    | 1        |
| 02-007 | HMB3035    | Bush SF-1/3035            | 2        |
| 02-008 | HSM2001    | Nut M20X1                 | 6        |
| 02-009 | HES8433    | Proximity switch          | 2        |
| 02-010 |            | Screw GB/T818/M3X20       | 4        |
| 02-011 |            | Screw GB/T70.1/M4X30      | 4        |
| 02-012 | HHE8437    | Support                   | 2        |
| 02-013 | HWZ2310    | Cylinder lower shaft      | 2        |
| 02-014 | HHZ6137    | Slave hydraulic cylinder  | 1        |
| 02-015 | HHZ6138    | Master hydraulic cylinder | 1        |
| 02-016 | HZA8469    | Shaft support             | 2        |
| 02-017 | ALB2015    | Bush SF-1/2520            | 4        |
| 02-018 | HGS3158    | Lower slider              | 2        |
| 02-019 |            | Inferior outer scissor    | 1        |
| 02-020 | HRA2510    | Ring support              | 2        |
| 02-021 | HRE2510    | Limit ring                | 2        |
| 02-022 |            | Screw GB/T818/M5X10       | 2        |
| 02-023 | HSW3219    | Long shaft                | 1        |
| 02-024 |            | Superior outer scissor    | 1        |
| 02-025 | HGS3159    | Upper slider              | 2        |
| 02-026 |            | Superior inner scissor    | 1        |
| 02-027 |            | Ramp A                    | 1        |
| 02-028 | HBR8405    | Shaft                     | 2        |
| 02-029 | HSR2049    | Seeger GB/T894.1/12       | 4        |
| 02-030 | HSW3214    | Shaft                     | 1        |
| 02-031 | HMB4028    | Lifting lever assembly    | 1        |
| 02-032 |            | Platform                  | 1        |
| 02-033 |            | Ramp B                    | 1        |
| 02-034 | HMB2525    | Bush SF-1/2525            | 4        |
| 02-035 |            | Screw GB/T70.1/M4X25      | 4        |
| 02-036 |            | Nut GB/T889.1/M4          | 4        |



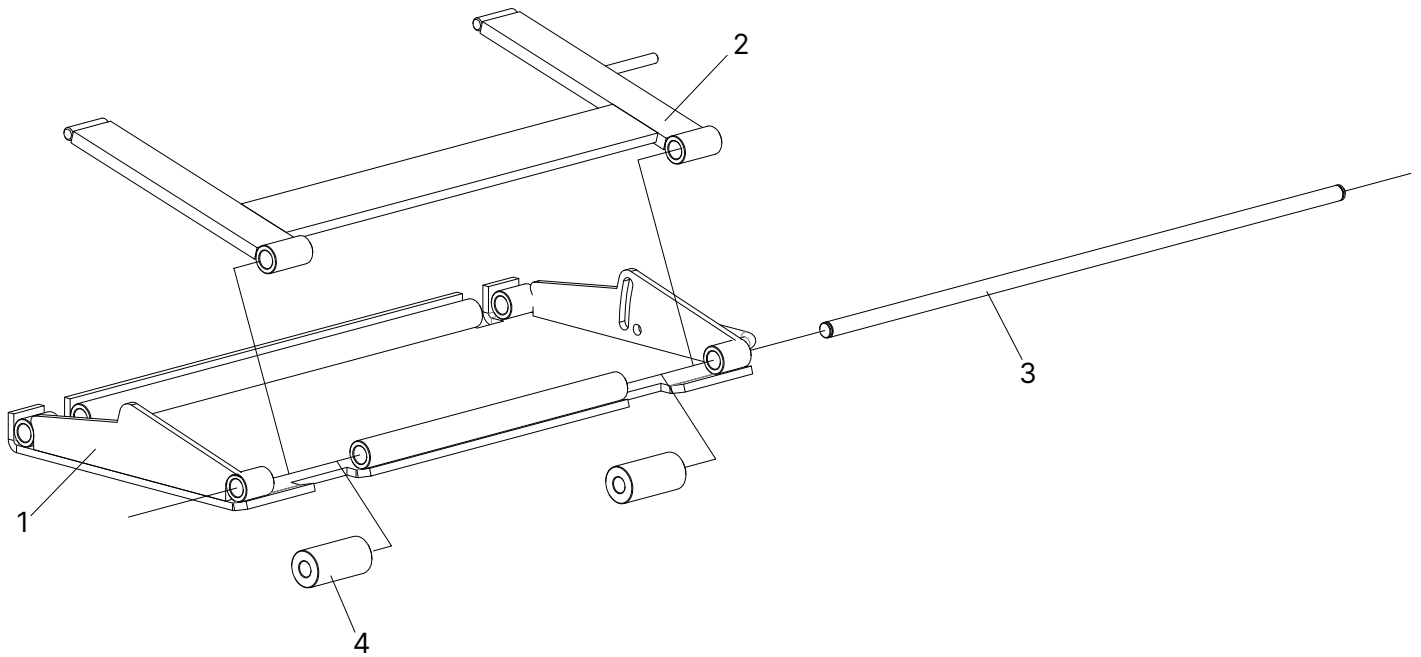
| Nr.    | ATH-Nr. | Description | Quantity |
|--------|---------|-------------|----------|
| 03-001 | HGR2105 | Base        | 1        |



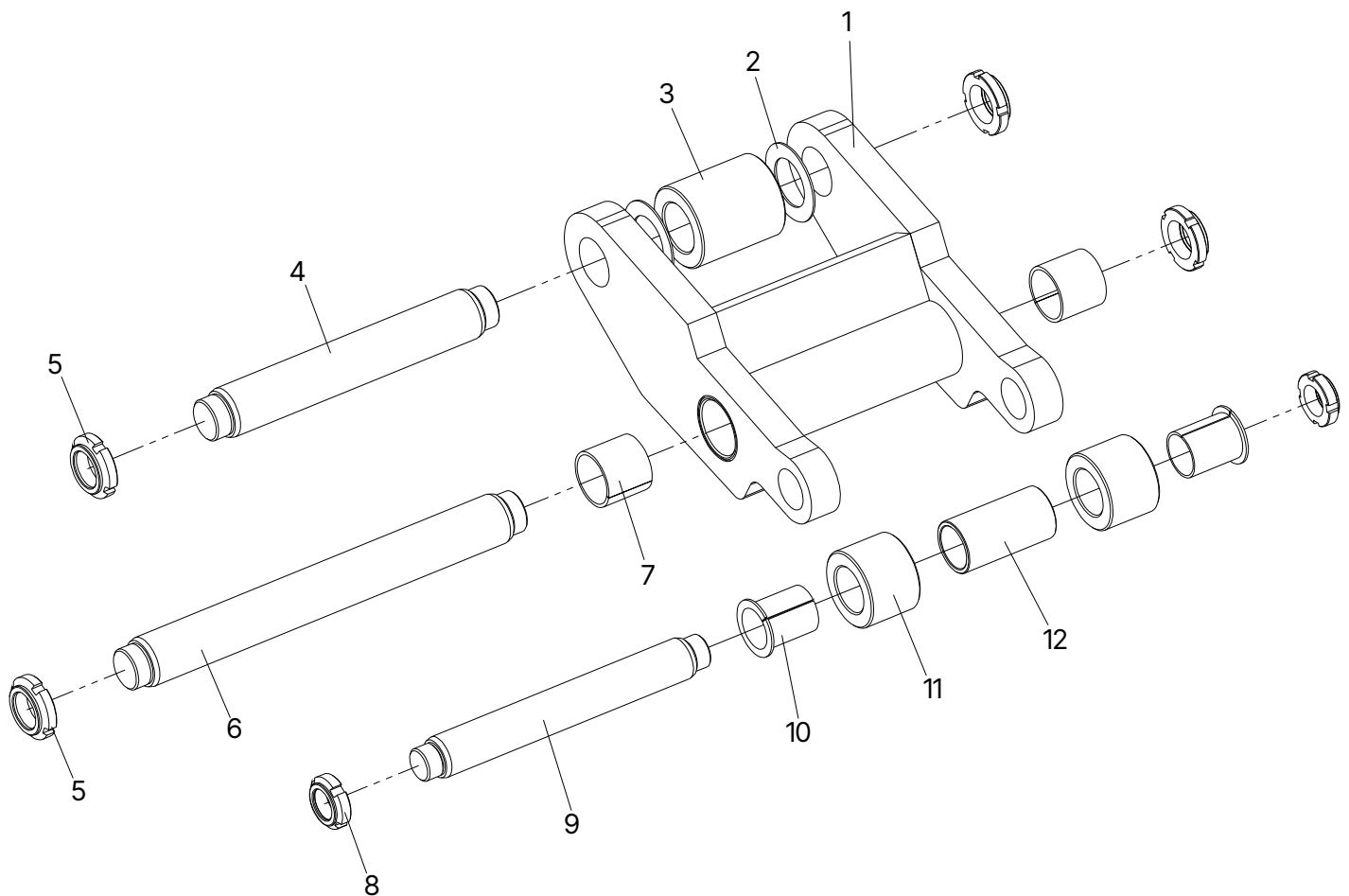
| Nr.    | ATH-Nr.    | Description               | Quantity |
|--------|------------|---------------------------|----------|
| 03-002 | HLB2020.20 | Bush SF-1/2020            | 4        |
| 03-003 | HUB2102    | Lower Shaft               | 4        |
| 03-004 | HSR2317    | Seeger GB/T894.1/20       | 12       |
| 03-005 | HMB3035    | Inferior inner scissor    | 1        |
| 03-006 | HSW3210    | Shaft                     | 4        |
| 03-007 | HGS3158    | Lower slider              | 2        |
| 03-008 |            | Inferior outer scissor    | 1        |
| 03-009 | ALB2015    | Bush SF-1/2520            | 4        |
| 03-010 | HSM2001    | Nut M20X1                 | 6        |
| 03-011 | HMB3035    | Bush SF-1/3035            | 2        |
| 03-012 | HWZ2310    | Cylinder lower shaft      | 2        |
| 03-013 | HHZ6139    | Master hydraulic cylinder | 1        |
| 03-014 | HHZ6140    | Slave hydraulic cylinder  | 1        |
| 03-015 | HZA8469    | Shaft support             | 2        |
| 03-016 | HSW3219    | Long shaft                | 1        |
| 03-017 |            | Superior outer scissor    | 1        |
| 03-018 | HGS3159    | Upper slider              | 2        |
| 03-019 |            | Superior inner scissor    | 1        |
| 03-020 | HAR0001    | Ramp B                    | 1        |
| 03-021 | HBR8405    | Shaft                     | 2        |
| 03-022 | HSW3214    | Shaft                     | 1        |
| 03-023 | HMB4028    | Lifting lever assembly    | 1        |
| 03-024 |            | Platform                  | 1        |
| 03-025 | HSR2049    | Seeger GB/T894.1/12       | 4        |
| 03-026 |            | Ramp A                    | 1        |
| 03-027 | ALB2015    | Bush SF-1/2520            | 4        |



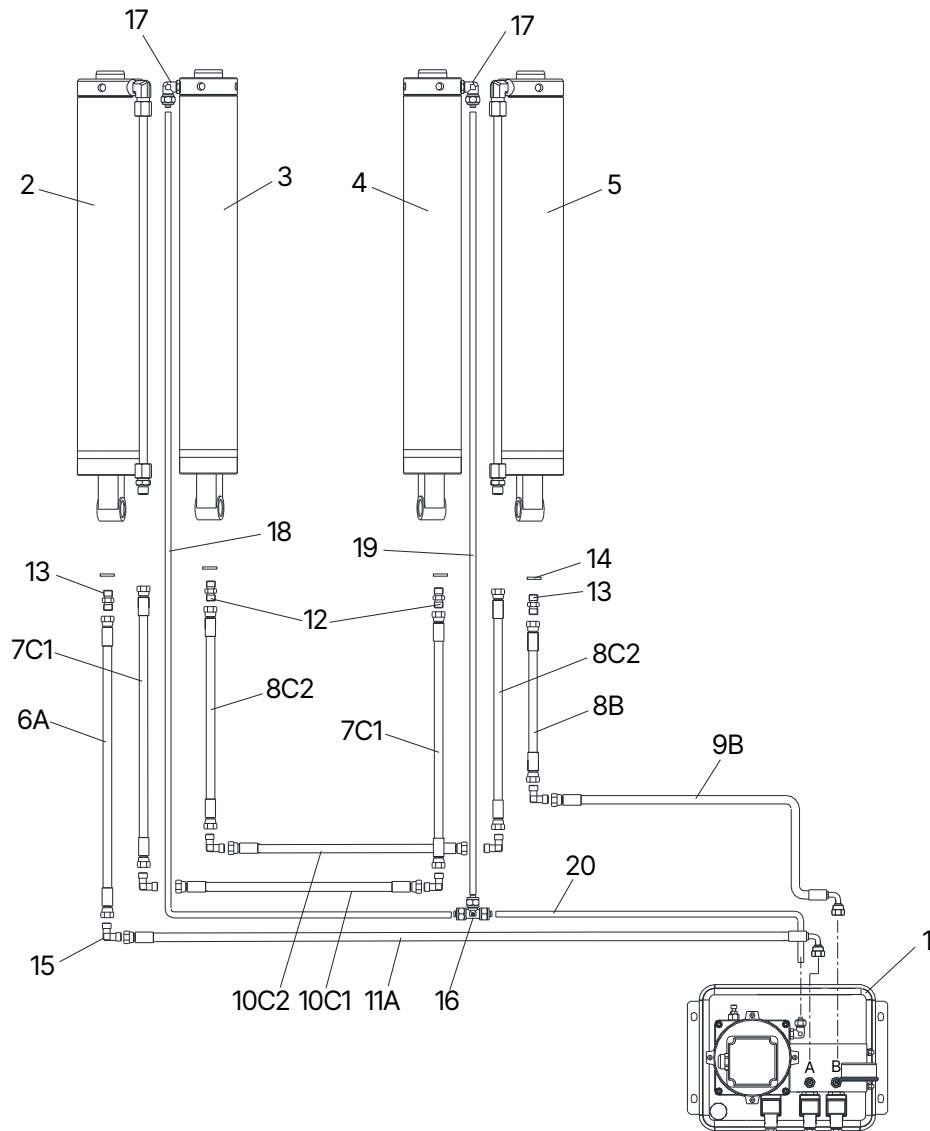
| Nr.    | ATH-Nr. | Description   | Quantity |
|--------|---------|---------------|----------|
| 04-001 | HAR8405 | Ramp          | 1        |
| 04-002 | HRA8427 | Locking plate | 1        |
| 04-003 | HBR8405 | Shaft         | 1        |
| 04-004 | HRA8428 | Roller        | 2        |



| Nr.    | ATH-Nr. | Description   | Quantity |
|--------|---------|---------------|----------|
| 05-001 | HAR8406 | Ramp          | 1        |
| 05-002 | HRA8427 | Locking plate | 1        |
| 05-003 | HBR8405 | Shaft         | 1        |
| 05-004 | HRA8428 | Roller        | 2        |



| Nr.    | ATH-Nr.    | Description     | Quantity |
|--------|------------|-----------------|----------|
| 06-001 | HMB4029    | Lifting lever   | 1        |
| 06-002 | HAH3111    | Spacer          | 2        |
| 06-003 | HAH3110    | Nylon spacer    | 1        |
| 06-004 | HWU4029    | Shaft           | 1        |
| 06-005 | HSM2515    | Nut M25X1.5     | 4        |
| 06-006 | HSW3216.10 | Shaft           | 1        |
| 06-007 | HLB3030    | Bush SF-1/3030  | 2        |
| 06-008 | HSM2001    | Nut M20X1       | 2        |
| 06-009 | HRW4029    | Roller shaft    | 1        |
| 06-010 | HLB2535    | Bush SF-1/2535F | 2        |
| 06-011 | HRU4029    | Roller          | 2        |
| 06-012 | HBU4029    | Bush            | 1        |

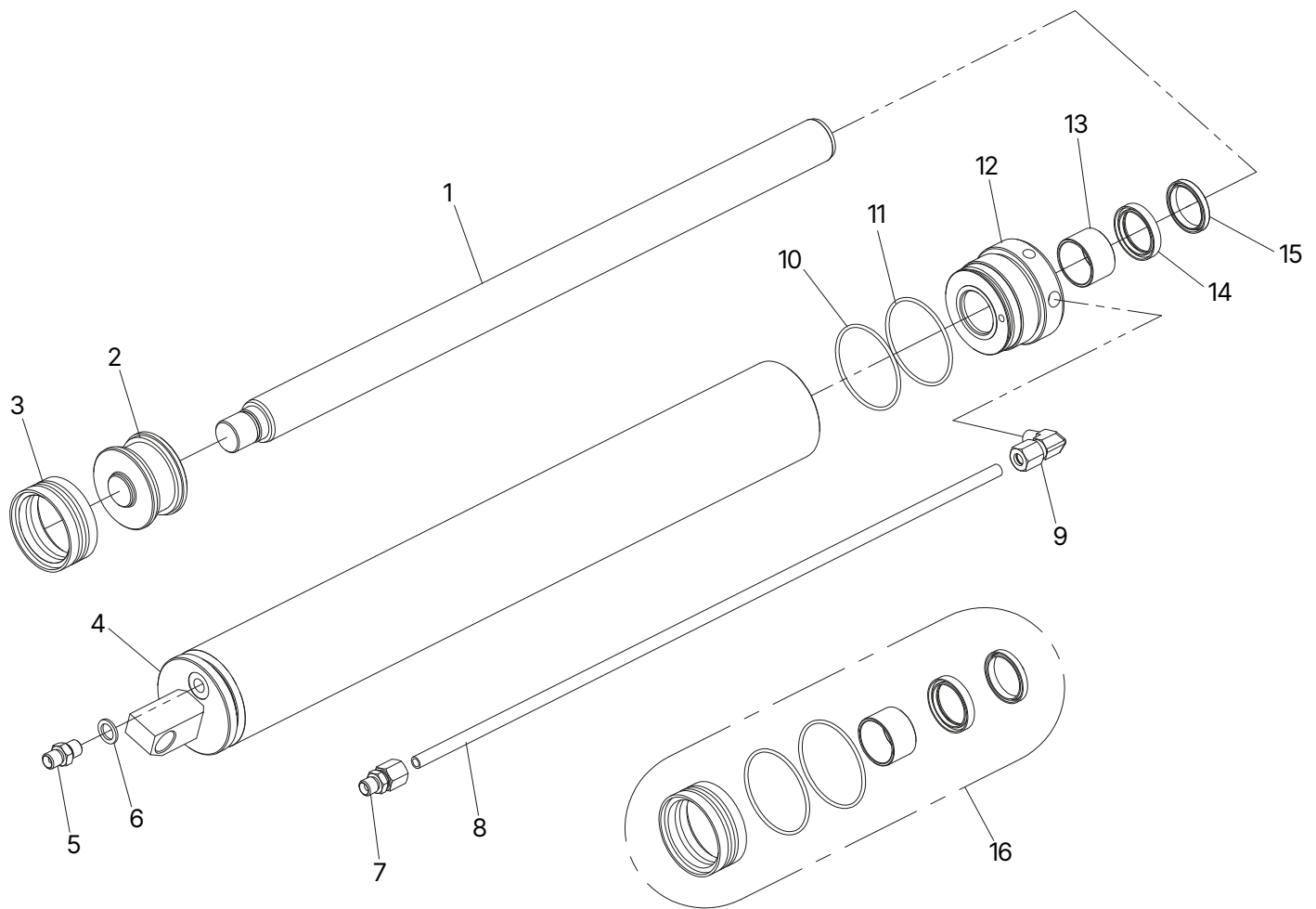


| Nr.    | ATH-Nr. | Description               | Quantity |
|--------|---------|---------------------------|----------|
| 07-001 | HHA6260 | Hydraulic power unit      | 1        |
| 07-002 | HHZ6139 | Master hydraulic cylinder | 1        |
| 07-003 | HHZ6140 | Slave hydraulic cylinder  | 1        |
| 07-004 | HHZ6137 | Slave hydraulic cylinder  | 1        |
| 07-005 | HHZ6138 | Master hydraulic cylinder | 1        |
| 07-006 | HHS8603 | Hydraulic hose L=320      | 1        |
| 07-007 | HHS6954 | Hydraulic hose L=300      | 2        |
| 07-008 | HHS6956 | Hydraulic hose L=280      | 3        |
| 07-009 | HHS8693 | Hydraulic hose L=2870     | 1        |
| 07-010 | HHS6955 | Hydraulic hose L=1330     | 2        |
| 07-011 | HHS8696 | Hydraulic hose L=4200     | 1        |
| 07-012 | HHA8369 | Fitting 1/4               | 2        |

| Nr.    | ATH-Nr.    | Description                   | Quantity |
|--------|------------|-------------------------------|----------|
| 07-013 | HED8360    | One-way flow restrictor union | 2        |
| 07-014 | HUS8530.10 | Washer BS/A13.70              | 4        |
| 07-015 | HZA8365    | 90° union 1B9-04SP            | 6        |
| 07-016 | HHT8367    | Tee union 10                  | 1        |
| 07-017 | HHA8367    | Rotation union 10-1/4         | 2        |
| 07-018 | HPS8367    | PU hose 10X6.5X2400C          | 1        |
| 07-019 | HPS8367    | PU hose 10X6.5X1000C          | 1        |
| 07-020 | HPS8367    | PU hose 10X6.5X3000C          | 1        |

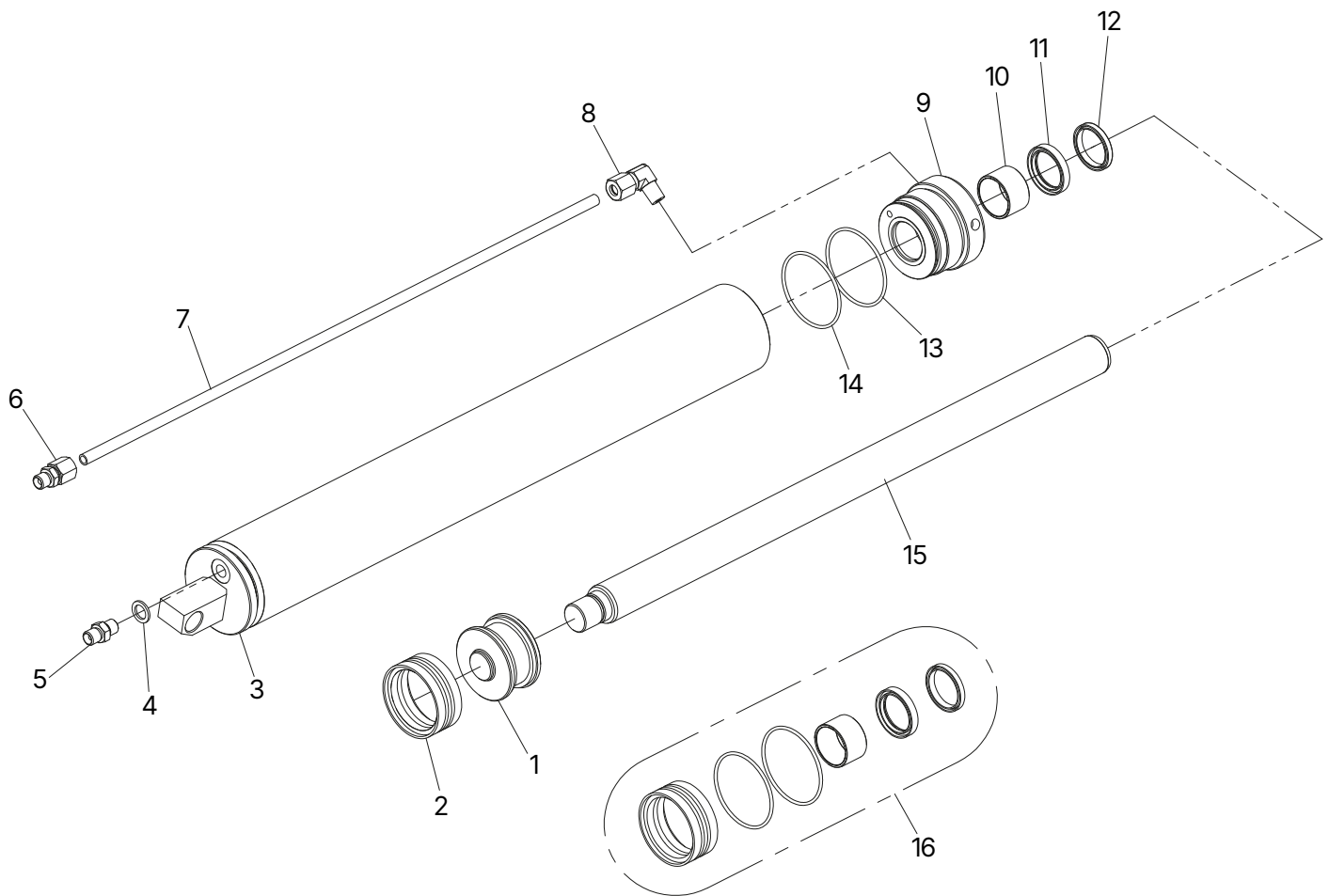
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Release date: 18.06.2025 / Product manufacturer ATH-Heinl GmbH & Co. KG

| Nr.    | ATH-Nr.    | Description                         | Quantity |
|--------|------------|-------------------------------------|----------|
| 08-010 | HHM8312    | Motor 230V/400V/50HZ/3PH 2.6KW      | 1        |
| 08-011 | HFR2812    | Spring washer D.8 - GB/T93          | 6        |
| 08-012 | HSS0820    | Screw M8X20 - GB/T70.1              | 4        |
| 08-013 | HSS0665    | Screw M6X65 - GB/T70.1              | 4        |
| 08-014 | HM8314     | Pressure gauge LA-60X400            | 1        |
| 08-015 | HHA8368    | Union 1/4 1BT-04SP                  | 2        |
| 08-016 | HHV8312    | Interface block                     | 1        |
| 08-017 |            | Double-screw bolt M6X160            | 4        |
| 08-018 |            | Nut M6                              | 4        |
| 08-019 | HHA8367    | Union 10 ZG1-4                      | 1        |
| 08-020 | HHD8332    | O-ring 18X2.4 - GB1235              | 1        |
| 08-021 | HHA8308    | Plug                                | 1        |
| 08-022 | HDV8315.10 | Pressure overload valve FYF06-01-00 | 1        |
| 08-023 | RDR1140    | Copper washer 16X20                 | 1        |
| 08-024 | HRV8318    | Non return valve GDF-06-07-00       | 1        |
| 08-025 | HHD8331    | O-ring 17X2                         | 1        |
| 08-026 | HZP8312    | Gear pump 4.8CC                     | 1        |
| 08-027 | HRR4065    | Oil return pipe                     | 1        |
| 08-028 | HHF8323    | Oil filter ZG3/8" ZF-08             | 1        |
| 08-029 | HAR8306    | Oil suction pipe                    | 1        |
| 08-030 | HAT8309    | Oil tank                            | 1        |
| 08-031 | HAS8325    | Plug 4BN-06WD G3/8                  | 1        |
| 08-032 | HPA8305    | Pump joint                          | 1        |
| 08-033 | HAD8310    | Gasket                              | 1        |
| 08-034 | HBS6214    | Plug ZBJ22 007-QD07                 | 4        |
| 08-035 |            | Screw M8X85- GB/T70.1               | 2        |
| 08-036 | HHD8330    | O-ring 13X1.9                       | 1        |

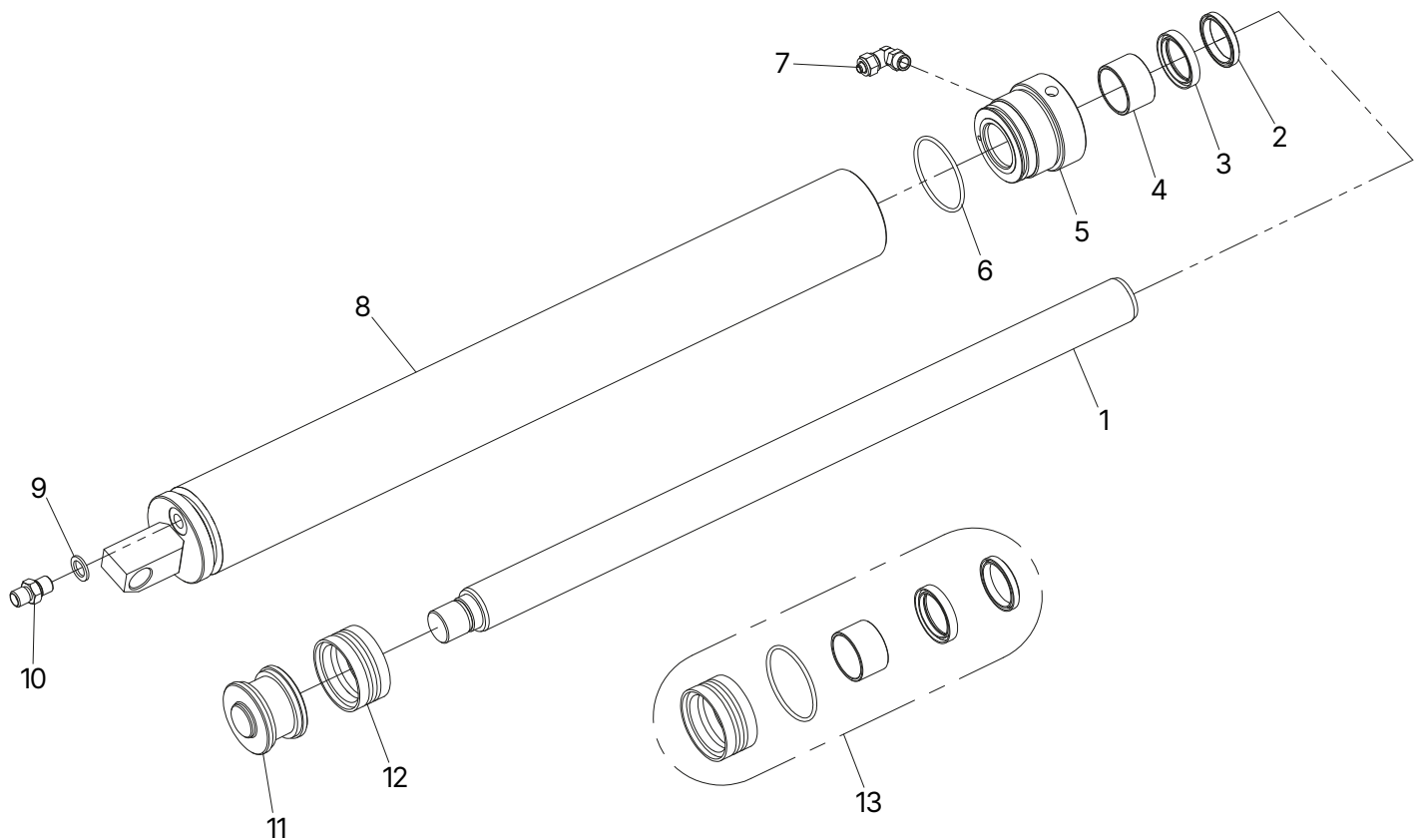


| Nr.    | ATH-Nr.    | Description                   | Quantity |
|--------|------------|-------------------------------|----------|
| 09-001 |            | Piston shaft                  | 1        |
| 09-002 |            | Piston                        | 1        |
| 09-003 | HZD8892    | Gasket 70X58X20.5             | 1        |
| 09-004 |            | Cylinder liner                | 1        |
| 09-005 | HED8360    | One-way flow restrictor union | 1        |
| 09-006 | HUS8530.10 | Washer BS/A13.70              | 1        |
| 09-007 | HHA8373    | Union 1CB-16-04RN             | 1        |
| 09-008 | HHS8652    | Connection pipe cylinder cpl. | 1        |
| 09-009 | HHA8372    | Union 1CT9-16-04RN            | 1        |
| 09-010 | HZD8701    | O-ring 73X3.1                 | 1        |
| 09-011 | HZD8702    | O-ring 75X3.1                 | 1        |
| 09-012 | HZV8710    | Cylinder guiding cover        | 1        |
| 09-013 | HZD8503    | Guiding ring 36X25X2.5        | 1        |
| 09-014 | HZD8699    | Seal 36X46X8                  | 1        |
| 09-015 | HZD8758    | Scraper 36X44X5               | 1        |

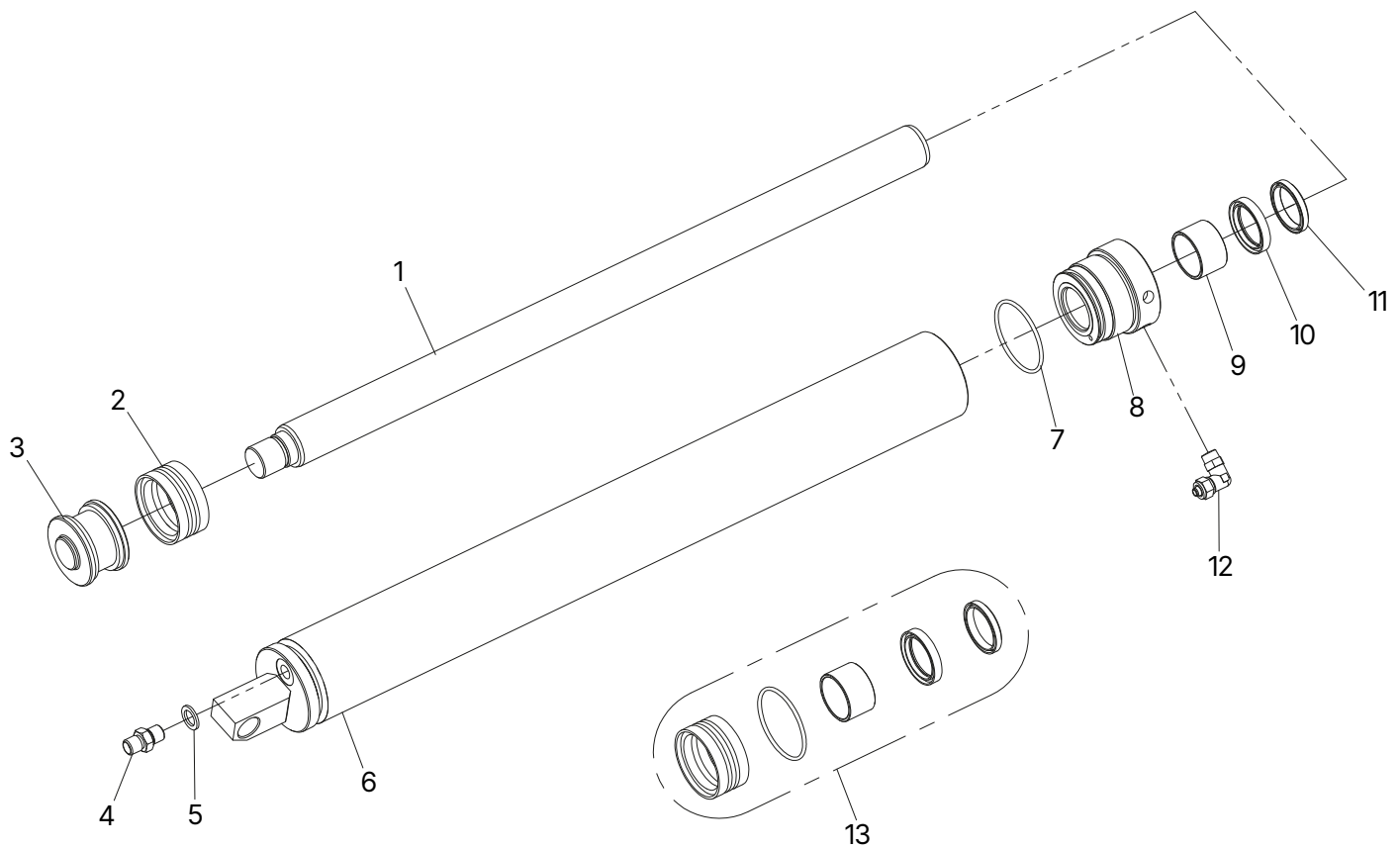
| Nr.    | ATH-Nr. | Description                        | Quantity |
|--------|---------|------------------------------------|----------|
| 09-016 | HDS6563 | Master hydraulic cylinder seal kit |          |



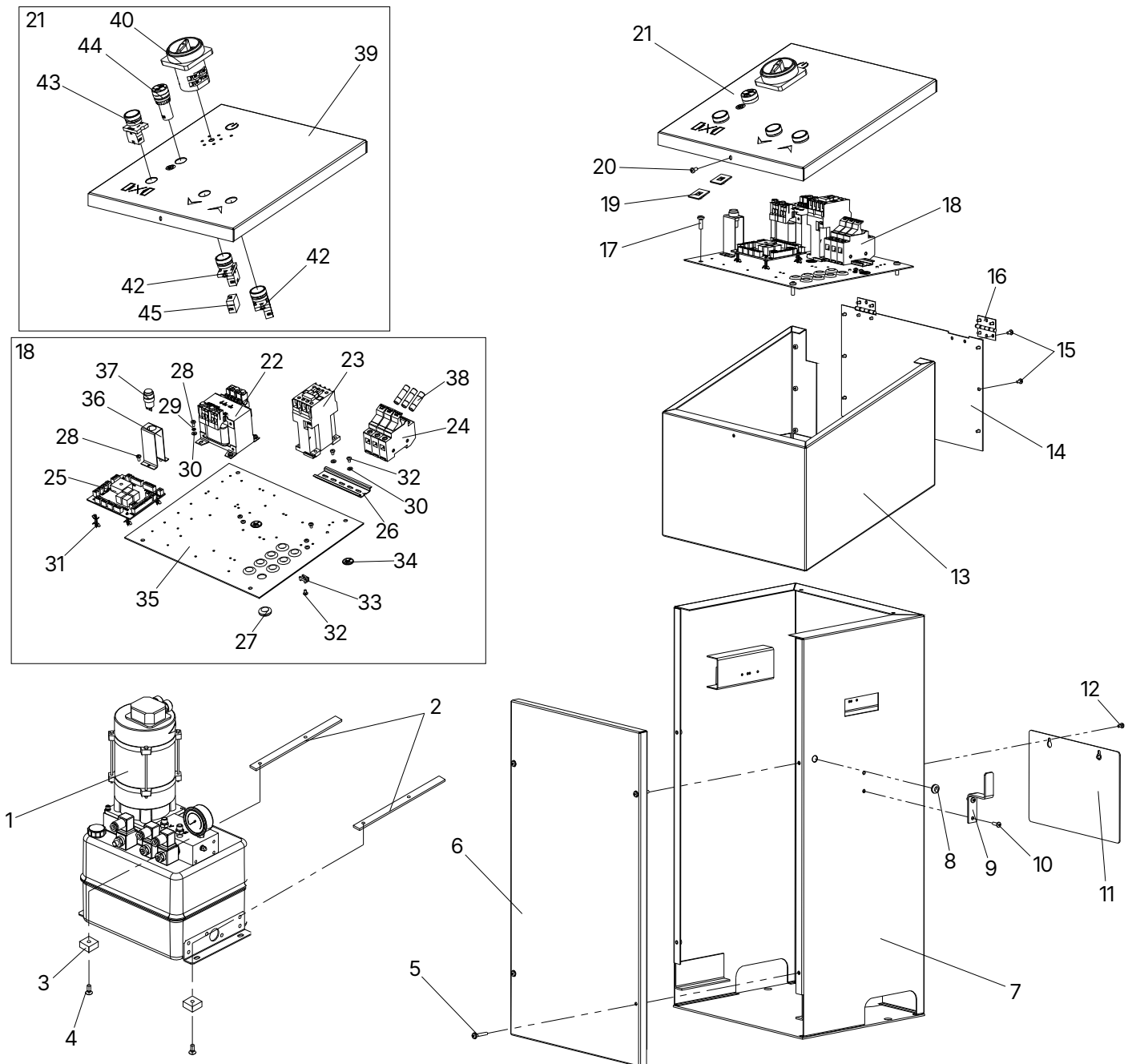
| Nr.    | ATH-Nr.    | Description                        | Quantity |
|--------|------------|------------------------------------|----------|
| 10-001 |            | Piston                             | 1        |
| 10-002 | HZD8892    | Gasket 70X58X20.5                  | 1        |
| 10-003 |            | Cylinder liner                     | 1        |
| 10-004 | HUS8530.10 | Washer BS/A13.70                   | 1        |
| 10-005 | HED8360    | One-way flow restrictor union      | 1        |
| 10-006 | HHA8373    | Union 1CB-16-04RN                  | 1        |
| 10-007 | HHS8652    | Connection pipe cylinder cpl.      | 1        |
| 10-008 | HHA8372    | Union 1CT9-16-04RN                 | 1        |
| 10-009 | HZV8710    | Cylinder guiding cover             | 1        |
| 10-010 | HZD8503    | Guiding ring 36X25X2.5             | 1        |
| 10-011 | HZD8699    | Seal 36X46X8                       | 1        |
| 10-012 | HZD8758    | Scraper 36X44X5                    | 1        |
| 10-013 | HZD8701    | O-ring 75X3.1                      | 1        |
| 10-014 | HZD8702    | O-ring 73X3.1                      | 1        |
| 10-015 |            | Piston shaft                       | 1        |
| 10-016 | HDS6563    | Master hydraulic cylinder seal kit |          |



| Nr.    | ATH-Nr.    | Description                       | Quantity |
|--------|------------|-----------------------------------|----------|
| 11-001 |            | Piston shaft                      | 1        |
| 11-002 | HZD8758    | Scraper 36X44X5                   | 1        |
| 11-003 | HZD8699    | Seal 36X46X8                      | 1        |
| 11-004 | HZD8503    | Guide ring 36X25X2.5              | 1        |
| 11-005 | HZV8698    | Cylinder guiding cover            | 1        |
| 11-006 | HZD8703    | O-ring 63X3.1                     | 1        |
| 11-007 | HHA8367    | Rotation union 10-1/4             | 1        |
| 11-008 |            | Cylinder liner                    | 1        |
| 11-009 | HUS8530.10 | Washer BS/A13.70                  | 1        |
| 11-010 | HHA8369    | Fitting 1/4                       | 1        |
| 11-011 |            | Piston                            | 1        |
| 11-012 | HZD8722    | Gasket 60X48X20.5                 | 1        |
| 11-013 | HDS6566    | Slave hydraulic cylinder seal kit |          |



| Nr.    | ATH-Nr.    | Description                       | Quantity |
|--------|------------|-----------------------------------|----------|
| 12-001 |            | Piston shaft                      | 1        |
| 12-002 | HZD8722    | Gasket 60X48X20.5                 | 1        |
| 12-003 |            | Piston                            | 1        |
| 12-004 | HHA8369    | Union 1B-04                       | 1        |
| 12-005 | HUS8530.10 | Washer BS/A13.70                  | 1        |
| 12-006 |            | Cylinder liner                    | 1        |
| 12-007 | HZD8703    | O-ring 63X3.1                     | 1        |
| 12-008 | HZV8698    | Cylinder guiding cover            | 1        |
| 12-009 | HHA8369    | Guide ring 36X25X2.5              | 1        |
| 12-010 | HZD8699    | Seal 36X46X8                      | 1        |
| 12-011 | HZD8758    | Scraper 36X44X5                   | 1        |
| 12-012 | HHA8367    | Rotation union 10-1/4             | 1        |
| 12-013 | HDS6566    | Slave hydraulic cylinder seal kit |          |



| Nr.    | ATH-Nr. | Description             | Quantity |
|--------|---------|-------------------------|----------|
| 13-001 | HHA6260 | Hydraulic power unit    | 1        |
| 13-002 |         | Support                 | 2        |
| 13-003 |         | Rubber pad              | 4        |
| 13-004 |         | Screw M8X20 - GB/T819.1 | 4        |
| 13-005 |         | Screw M5X30             | 4        |
| 13-006 | HAG1354 | Front cover             | 1        |
| 13-007 | HUG1355 | Lower box               | 1        |
| 13-008 |         | Cable relief GM-1710    | 1        |



| Nr.    | ATH-Nr.    | Description                                    | Quantity |
|--------|------------|------------------------------------------------|----------|
| 13-009 |            | Cable holder                                   | 1        |
| 13-010 |            | Screw M5X14                                    | 2        |
| 13-011 | HHA1356    | Back cover                                     | 1        |
| 13-012 |            | Screw M4X8                                     | 2        |
| 13-013 | HOB1357    | Top box                                        | 1        |
| 13-014 |            | Back cover                                     | 1        |
| 13-015 |            | Screw M4X8                                     | 15       |
| 13-016 |            | Hinge                                          | 2        |
| 13-017 |            | Screw M6X20                                    | 4        |
| 13-018 |            | Distribution board                             | 1        |
| 13-019 |            | Guide                                          | 2        |
| 13-020 |            | Screw M5X10                                    | 1        |
| 13-021 |            | Control panel                                  | 1        |
| 13-022 | HST8259    | Transformer JBK-80(230/400V/19V/10VA 28V/70VA) | 1        |
| 13-023 | HMS8259    | Contactor 1210/DC24V                           | 1        |
| 13-024 | HSH7810    | Overload cutoff RT18-32                        | 3        |
| 13-025 | HSP8268    | Control board CP-501B.1                        | 1        |
| 13-026 |            | Guide DZ47 L=110                               | 1        |
| 13-027 |            | Cable relief                                   | 8        |
| 13-028 |            | Screw M4X8 - GB/T818                           | 6        |
| 13-029 |            | Locking washer D.4 - GB/T93                    | 4        |
| 13-030 |            | Washer D.4 - GB/T97.1                          | 6        |
| 13-031 |            | Holder HDB-16A                                 | 4        |
| 13-032 |            | Screw M4X6 - GB/T818                           | 9        |
| 13-033 |            | Holder HC-1(D.4)                               | 2        |
| 13-034 |            | Ground decal                                   | 2        |
| 13-035 |            | Support                                        | 1        |
| 13-036 |            | Support                                        | 1        |
| 13-037 | HLT8264    | Override button LA16Y-11-Y                     | 1        |
| 13-038 | HSE7216    | Overload cutoff 16A 10X38                      | 3        |
| 13-039 |            | Panel                                          | 1        |
| 13-040 | HHS8253    | Power switch HZ5-2-20A                         | 1        |
| 13-042 | HBT8254.02 | Pushbutton LAY37T-10                           | 2        |
| 13-043 | HBT8254.02 | Pushbutton LAY37T-10                           | 1        |
| 13-044 | HSG7110    | Beeper DC24V                                   | 1        |

| Nr.    | ATH-Nr. | Description    | Quantity |
|--------|---------|----------------|----------|
| 13-045 | HKE7026 | Electric shock | 1        |



[www.ath-heinl.com](http://www.ath-heinl.com)

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