

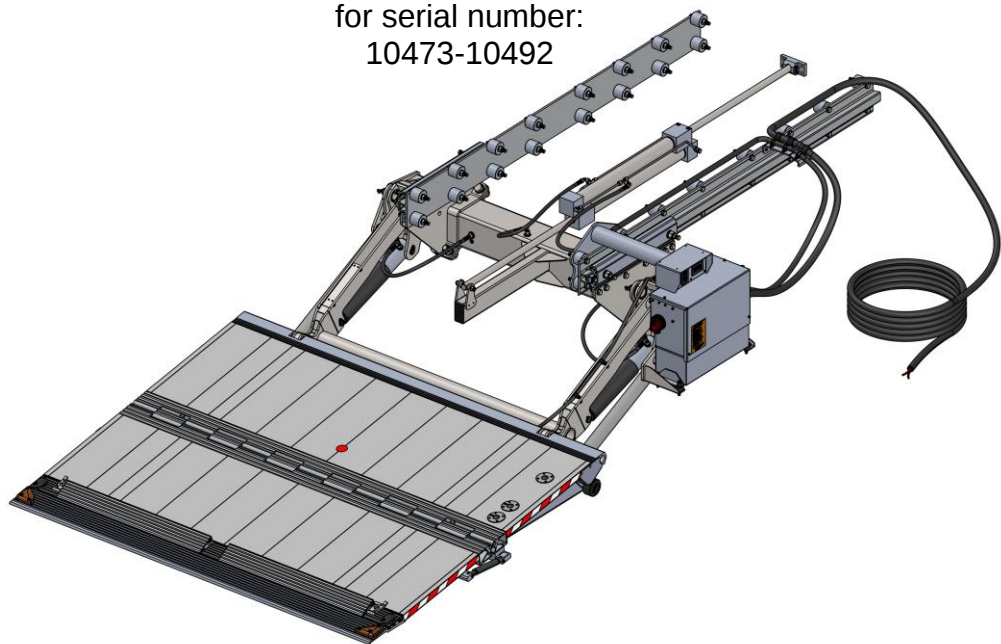
# MAXON®

## SPARE PARTS CATALOG

FOR THE  
„AHT TAILGATE LOADER“

**ULTK-1500ST/AL**  
**NDA**

for serial number:  
10473-10492



Designed for Maxon by:



Maxon Lift Corp. 11921 Slauson Ave., Santa Fe Springs, CA 90670  
800.227.4116 Fax 888.771.7713, [www.maxonlift.com](http://www.maxonlift.com)

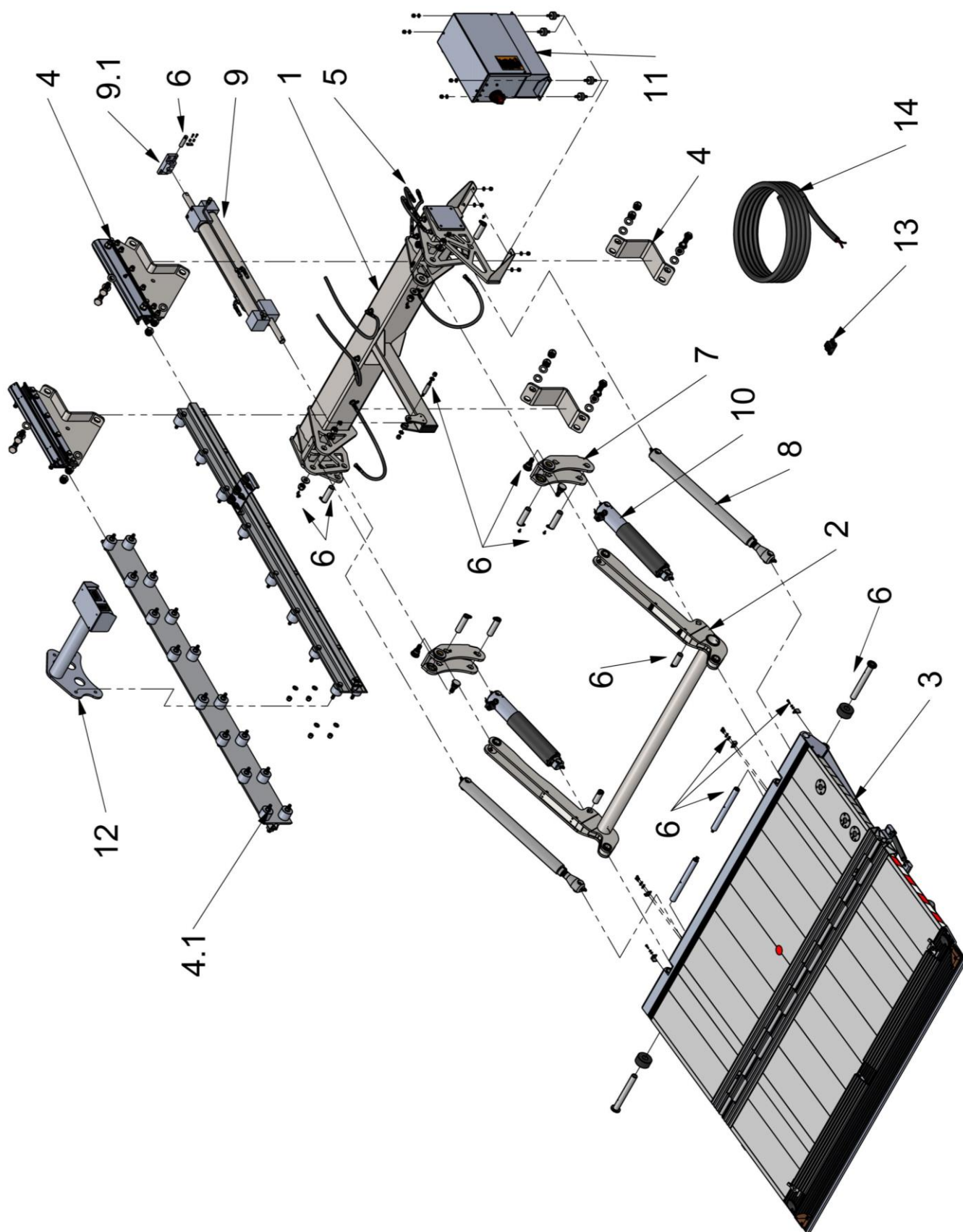
Dezember 2020

## Ladebordwand / Tailgate loader

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                                   | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|----------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                                              |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| 1          | 1            | <a href="#">Tragkörper</a><br><a href="#">Cross beam</a>                                     | TV0MXXRBX1400XX         | ULTK-1503ST-1-EMR/1400        | X                             | X                                       | ✓                        |
| 2          | 1            | <a href="#">Hubwerk</a><br><a href="#">Hoisting unit</a>                                     | HL0MSM1400              | L-1504STX-2M/1400             | X                             | X                                       | ✓                        |
| 3          | 1            | <a href="#">Plateau</a><br><a href="#">Platform</a>                                          | PU0MSGPAMABX12          | ULTK-1502AL-3                 | X                             | X                                       | ✓                        |
| 4          | 1            | <a href="#">Flansch links und rechts</a><br><a href="#">Mounting brackets left and right</a> | FU0M0S352565XXC         | ULTK-1501ST-4K                | X                             | X                                       | ✓                        |
| 4.1        | 1            | <a href="#">Führungsschiene links und rechts</a><br><a href="#">Rail left and right</a>      | FU0PSN2095              | ULTK-1500AL-10.2/2095K        | X                             | X                                       | ✓                        |
| 5          | 1            | <a href="#">Hydraulikleitung</a><br><a href="#">Hydraulic lines</a>                          | RS0MF1400ULTK           | ULTK-1502ST/AL-5K             | X                             | X                                       | ✓                        |
| 6          | 1            | <a href="#">Bolzen</a><br><a href="#">Bolt</a>                                               | BV0M2                   | ULTK-1502ST/AL-6K             | X                             | X                                       | ✓                        |
| 7          | 2            | <a href="#">Neigeschwinge</a><br><a href="#">Tilting bracket</a>                             | K11000299C              | LTK-2001ST-7K                 | X                             | X                                       | ✓                        |
| 8          | 2            | <a href="#">Lenker einstellbar</a><br><a href="#">Lever arm adjustable</a>                   | LA0M0100                | ULTK-1500ST-7M                | X                             | X                                       | ✓                        |
| 9          | 1            | <a href="#">Vorschubzylinder</a><br><a href="#">Feed cylinder</a>                            | ZV0Z1470_5030           | DWZ-50/30/1470                | X                             | X                                       | ✓                        |
| 9.1        | 1            | <a href="#">Lagerblock</a><br><a href="#">Bearing block</a>                                  | VZA1LS1300101           | ULB-VLZ-2000                  | X                             | X                                       | ✓                        |
| 10         | 2            | <a href="#">Hubzylinder</a><br><a href="#">Lift cylinder</a>                                 | ZHA0P60S1               | HZ-2000AL-60-E                | X                             | X                                       | ✓                        |
| 11         | 1            | <a href="#">Hydraulikaggregat</a><br><a href="#">Power pack</a>                              | 0PW1ULTK15B             | ULTK15B                       | X                             | X                                       | ✓                        |
| 12         | 1            | <a href="#">Steuerbox</a><br><a href="#">Control box</a>                                     | EA111501025             | ULTK-1500AL-11K               | X                             | X                                       | ✓                        |
| 13         | 1            | <a href="#">Sicherungsautomat</a><br><a href="#">Circuit breaker</a>                         | 0SK11510C               |                               | X                             | X                                       | ✓                        |
| 14         | 1            | <a href="#">Stromversorgungskabel</a><br><a href="#">Power supply cable</a>                  | EA11509020              |                               | X                             | X                                       | ✓                        |
| -          | 1            | <a href="#">Aufkleber</a><br><a href="#">Label</a>                                           | -                       |                               | X                             | X                                       | ✓                        |

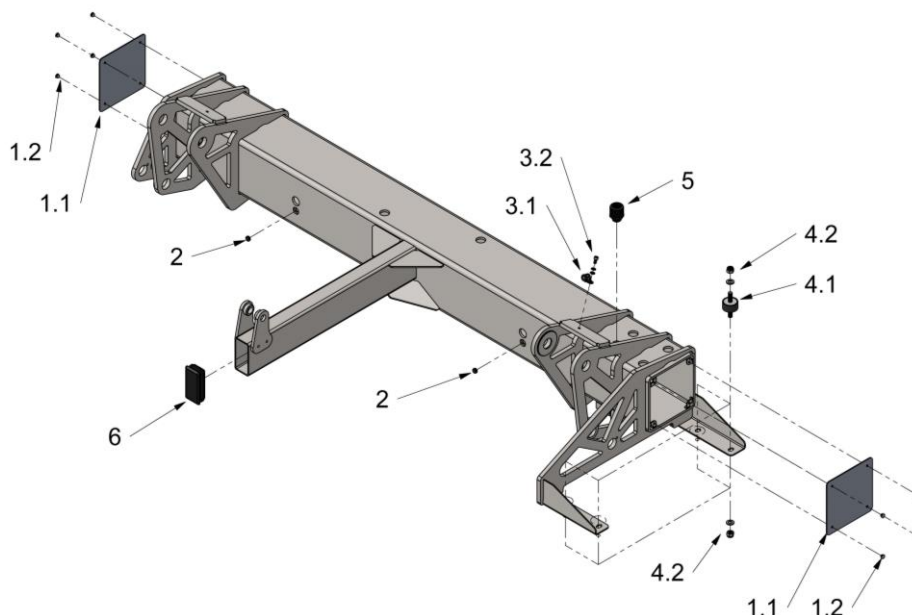
\* ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

## Ladebordwand / Tailgate loader



# 1. Tragkörper / Cross beam

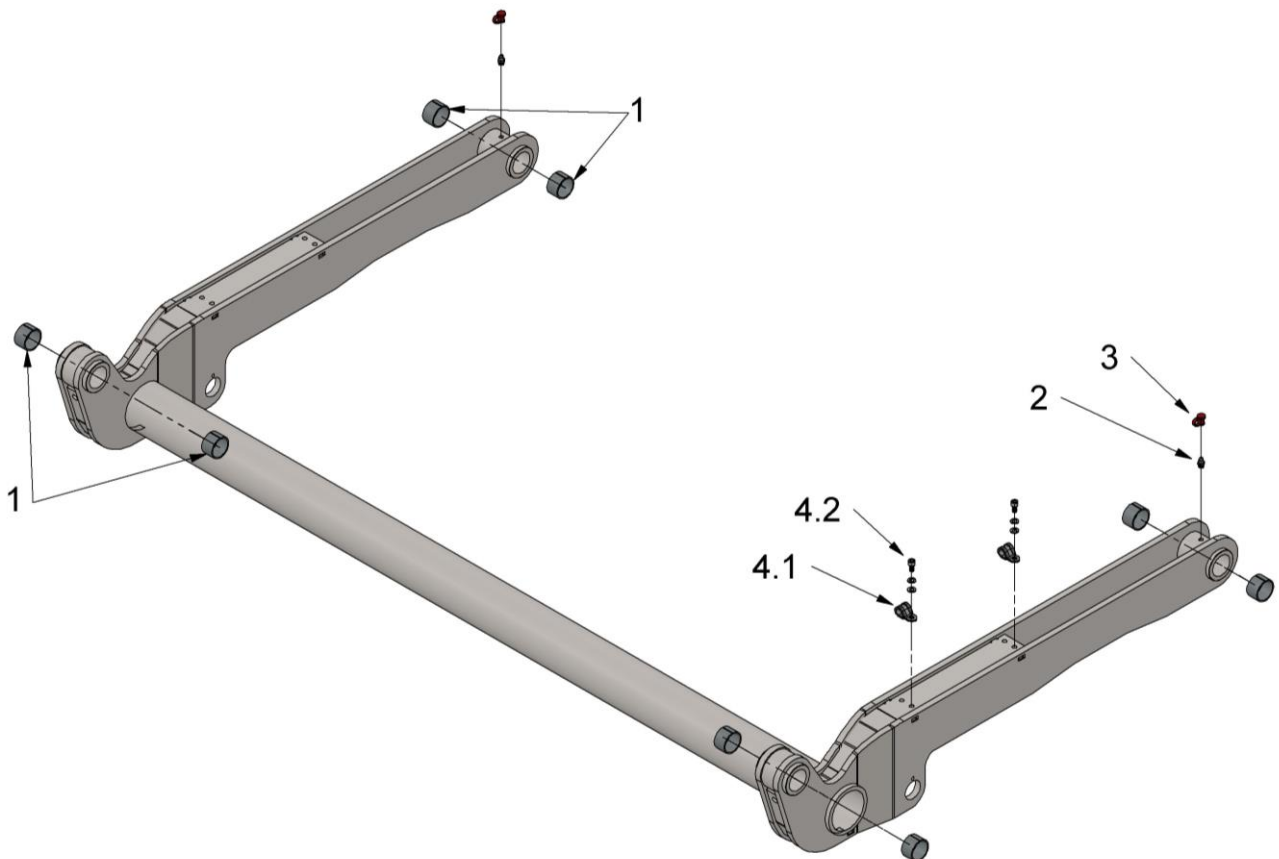
| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                           | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|--------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                                      |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 1            | Tragkörper; komplett<br>Cross beam; assembly                                         | TV0MXXRBX1400XX         | ULTK-1503ST-1-EMR/1400        | ×                             | ×                                       | ✓                        |
| 1          | 2            | Tragkörperdeckel; komplett (1.1, 1.2)<br>Cover for cross beam; assembly              | TV0M0207                |                               | ×                             | ×                                       | ✓                        |
| 1.1        | 2            | Tragkörperdeckel<br>Cover for cross beam                                             | TV1M0207                | ULTK-1502ST-1.7               | ×                             | ×                                       | ✓                        |
| 1.2        | 8            | Niete ø5x10<br>Rivet                                                                 | S200039050100           |                               | ×                             | ×                                       | ✓                        |
| 2          | 2            | Gummitülle ø13/10<br>Grommet                                                         | K11000110               |                               | ×                             | ✓                                       | ✓                        |
| 3          | 1            | Schelle; komplett (3.1, 3.2)<br>Clamp; assembly                                      | EA111500187C6           |                               | ✓                             | ✓                                       | ✓                        |
| 3.1        | 1            | Schelle RSGU13<br>Clamp                                                              | EA111500187             |                               | ✓                             | ✓                                       | ✓                        |
| 3.2        | 1            | Innensechskantschraube M6x16<br>Allen key screw                                      | S91281060016            |                               | ✓                             | ✓                                       | ✓                        |
|            | 1            | Federring M6<br>Spring washer                                                        | S12741061002            |                               | ✓                             | ✓                                       | ✓                        |
|            | 1            | Scheibe M6<br>Flat washer                                                            | S12541064000            |                               | ✓                             | ✓                                       | ✓                        |
| 4          | 4            | Gummipuffer; komplett (4.1, 4.2)<br>Rubber buffer; assembly                          | K11000755C              |                               | ✓                             | ✓                                       | ✓                        |
| 4.1        | 4            | Gummipuffer mit Gewinde M10x28<br>Rubber buffer                                      | K11000755               |                               | ✓                             | ✓                                       | ✓                        |
| 4.2        | 8            | Scheibe M10<br>Flat washer                                                           | S12541105000            |                               | ✓                             | ✓                                       | ✓                        |
|            | 8            | Sicherungsmutter M10<br>Self – locking hexagonal nut                                 | S98081100000            |                               | ✓                             | ✓                                       | ✓                        |
| 5          | 1            | PG-16 Verschraubung für<br>Kabelschuttschlauch<br>Screwing for cable protection hose | 0SK10722                |                               | ×                             | ✓                                       | ✓                        |
| 6          | 1            | Stoßstangenabdeckung 100x50<br>Cover                                                 | TS1P0304K               |                               | ×                             | ×                                       | ✓                        |



★ ULTk-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

## 2. Hubwerk / Hoisting unit

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                    | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|---------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                               |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 1            | Hubwerk; komplett<br><i>Hoisting unit; assembly</i>           | HL0MSM1400              | L-1504STX-2M/1400             | ×                             | ×                                       | ✓                        |
| 1          | 8            | Buchse DU3020<br><i>Bushing</i>                               | K11000105               |                               | ✓                             | ✓                                       | ✓                        |
| 2          | 2            | Schmiernippel M8x1<br><i>Grease fitting</i>                   | S141241000019           |                               | ✓                             | ✓                                       | ✓                        |
| 3          | 2            | Staubkappe für Schmiernippel<br><i>Cap for grease fitting</i> | S141241000099           |                               | ✓                             | ✓                                       | ✓                        |
| 4          | 2            | Schelle; komplett (4.1, 4.2)<br><i>Clamp; assembly</i>        | EA111500187C2           |                               | ✓                             | ×                                       | ✓                        |
| 4.1        | 2            | Schelle RSGU13<br><i>Clamp</i>                                | EA111500187             |                               | ✓                             | ✓                                       | ✓                        |
| 4.2        | 2            | Innensechskantschraube M6x12<br><i>Allen key screw</i>        | S91281060012            |                               | ✓                             | ×                                       | ✓                        |
|            | 2            | Federring M6<br><i>Spring washer</i>                          | S12741061002            |                               | ✓                             | ✓                                       | ✓                        |
|            | 2            | Scheibe M6<br><i>Flat washer</i>                              | S12541064000            |                               | ✓                             | ✓                                       | ✓                        |



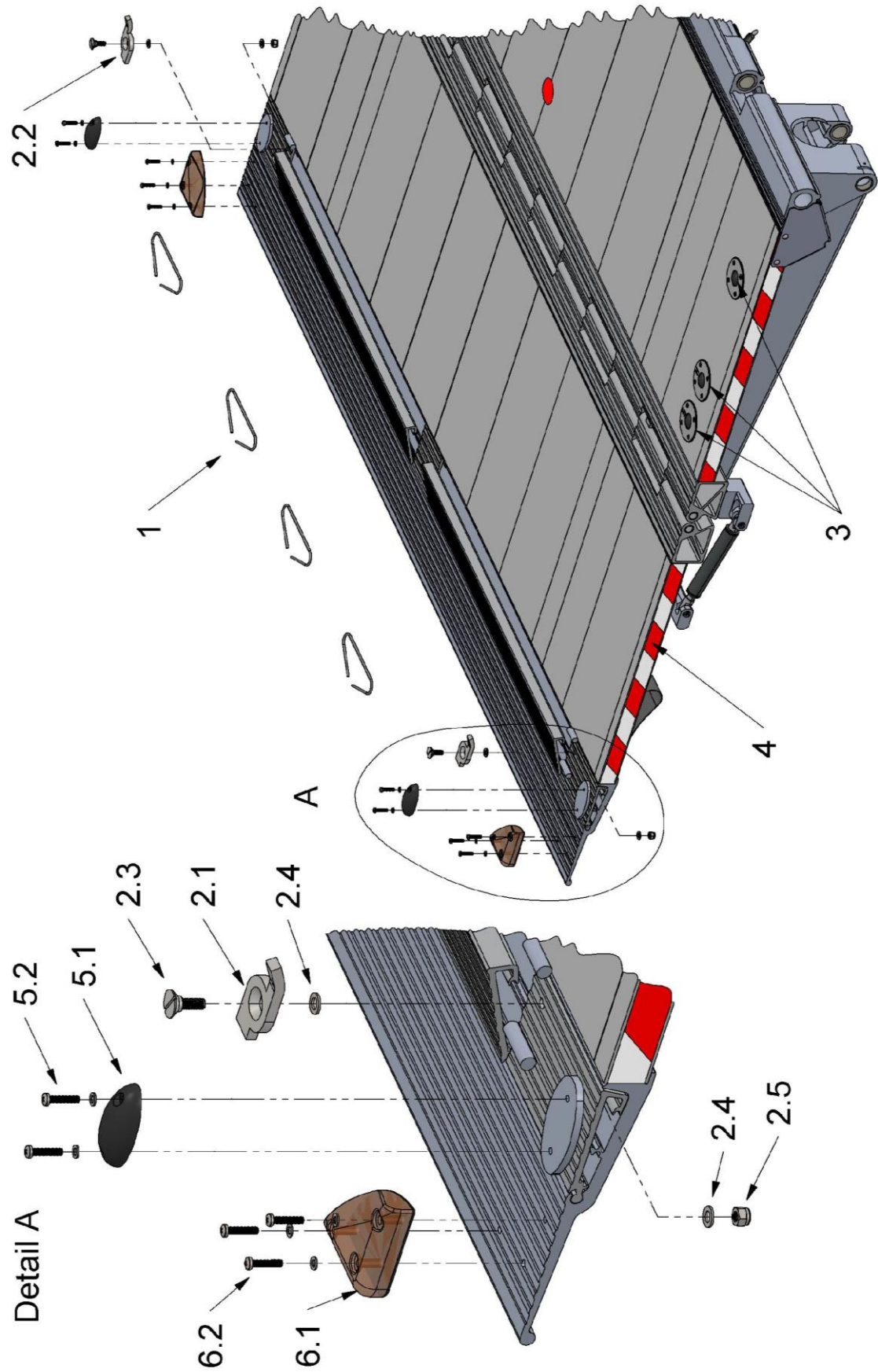
\* ULTk-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

### 3. Plateau / Platform

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                                                        | Artikel Nr.<br>Part No.           | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                                                                   |                                   |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 1            | Plateau; komplett<br>Platform; assembly                                                                           | PU0MSGPAMABX12                    | ULTK-1502AL-3                 | ×                             | ×                                       | ✓                        |
| 1          | 4            | Feder für Abrollsicherung<br>Spring for roll stop                                                                 | K11000103                         | AHT-ARF-4                     | ✓                             | ✓                                       | ✓                        |
| 2<br>(R)   | 1            | Verriegelung für Abrollsicherung, rechts;<br>komplett (2.1, 2.3, 2.4, 2.5)<br>Lock for roll stop, right; assembly | PV0R0620                          |                               | ✓                             | ✓                                       | ✓                        |
| 2.1        | 1            | Verriegelung für Abrollsicherung, rechts<br>Lock for roll stop, right                                             | PV1R0620                          | L-500ST-3RS-3.2/Maxon/R       | ✓                             | ✓                                       | ✓                        |
| 2.3        | 1            | Schraube für Abrollsicherung<br>Screw for roll stop                                                               | PA1TM0601                         | L-500ST-3RS-3.1TM             | ✓                             | ✓                                       | ✓                        |
| 2.4        | 2            | Scheibe M8<br>Flat washer                                                                                         | S12541084000                      |                               | ✓                             | ✓                                       | ✓                        |
| 2.5        | 1            | Sicherungsmutter M8<br>Self-locking hexagon nut                                                                   | S98081080000                      |                               | ✓                             | ✓                                       | ✓                        |
| 2<br>(L)   | 1            | Verriegelung für Abrollsicherung, links;<br>komplett (2.2, 2.3, 2.4, 2.5)<br>Lock for roll stop, left; assembly   | PV0L0620                          |                               | ✓                             | ✓                                       | ✓                        |
| 2.2        | 1            | Verriegelung für Abrollsicherung, links<br>Lock for roll stop, left                                               | PV1L0620                          | L-500ST-3RS-3.2/Maxon/L       | ✓                             | ✓                                       | ✓                        |
| 2.3        | 1            | Schraube für Abrollsicherung<br>Screw for roll stop                                                               | PA1TM0601                         | L-500ST-3RS-3.1TM             | ✓                             | ✓                                       | ✓                        |
| 2.4        | 2            | Scheibe M8<br>Flat washer                                                                                         | S12541084000                      |                               | ✓                             | ✓                                       | ✓                        |
| 2.5        | 1            | Sicherungsmutter M8<br>Self-locking hexagon nut                                                                   | S98081080000                      |                               | ✓                             | ✓                                       | ✓                        |
| 3          | 1            | <a href="#">Fußsteuerungsknöpfe; komplett</a><br><a href="#">Foot-Control-Buttons; assembly</a>                   | EA110500025                       |                               | ✓                             | ✓                                       | ✓                        |
| 4          | 1            | Warnstreifen, links & rechts (L=612mm,<br>540mm)<br>Safety warning stripes, left & right                          | K11000285L-1152<br>K11000285R1152 |                               | ×                             | ×                                       | ✓                        |
| 5          | 2            | Gummipuffer; komplett (5.1, 5.2)<br>Rubber buffer; assembly                                                       | K11000740C                        |                               | ×                             | ×                                       | ✓                        |
| 5.1        | 2            | Gummipuffer für Plateauspitz<br>Rubber buffer for platform tip                                                    | K11000740                         |                               | ×                             | ✓                                       | ✓                        |
| 5.2        | 4            | Linsenschraube M5x25<br>Pan head screw                                                                            | S798541050025                     |                               | ×                             | ×                                       | ✓                        |
|            | 4            | Scheibe M5<br>Flat washer                                                                                         | S12541053000                      |                               | ×                             | ✓                                       | ✓                        |
| 6          | 2            | LED Warnleuchte; komplett (6.1, 6.2)<br>LED flashing platform lights                                              | EA111500289C                      |                               | ×                             | ×                                       | ✓                        |
| 6.1        | 2            | LED Warnleuchte (batteriebetrieben)<br>LED flashing platform lights (battery)                                     | EA111500289                       | AHT-WL-R                      | ×                             | ×                                       | ✓                        |
| 6.2        | 6            | Linsenschraube M5x25<br>Pan head screw                                                                            | S798541050025                     |                               | ×                             | ×                                       | ✓                        |
|            | 6            | Scheibe M5<br>Flat washer                                                                                         | S12541053000                      |                               | ×                             | ×                                       | ✓                        |

\* ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

### 3. Plateau / Platform

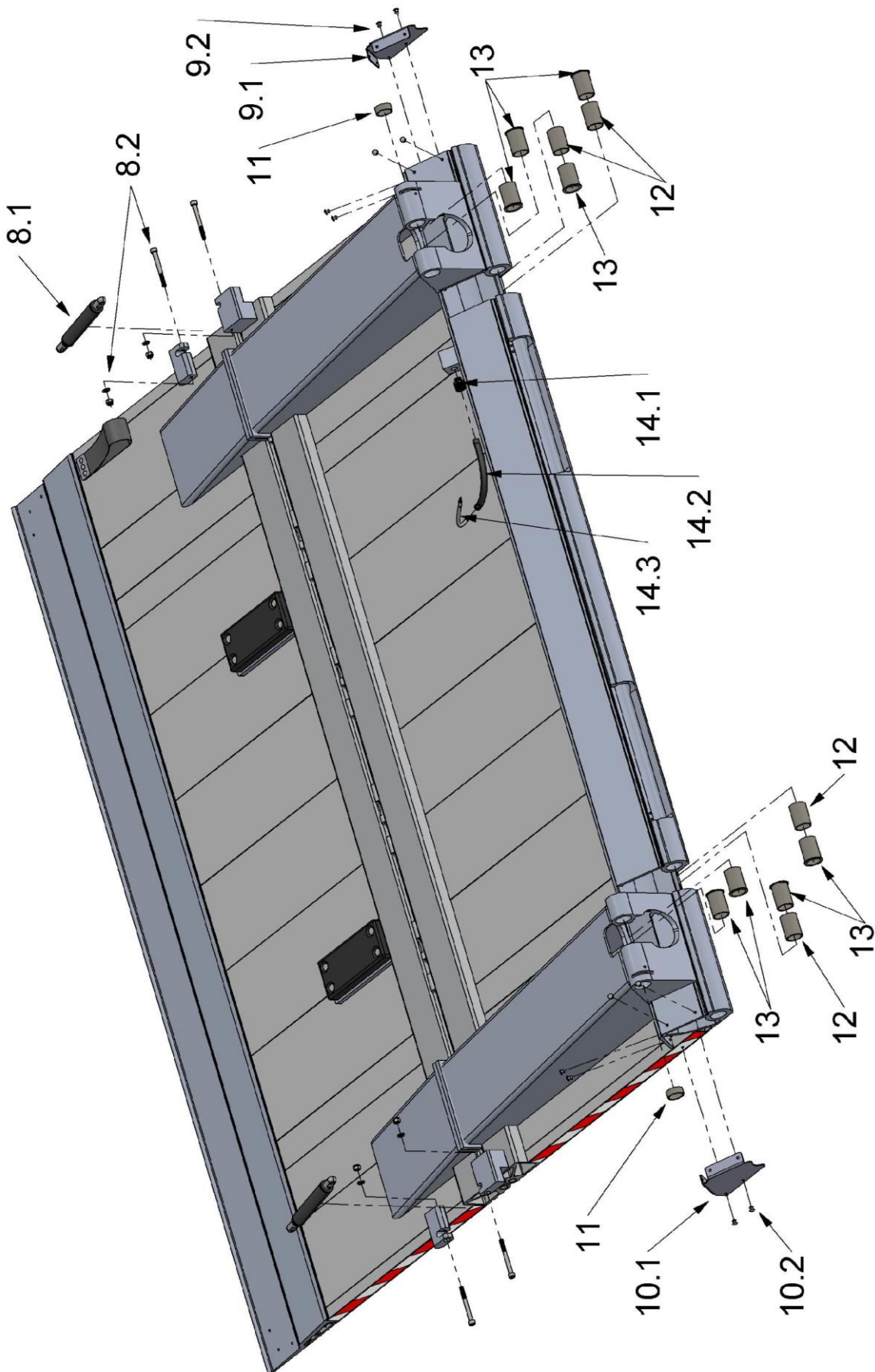


### 3. Plateau / Platform

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                                 | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|--------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                                            |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| 8          | 2            | Gasfeder; komplett (8.1, 8.2)<br><i>Gas spring; assembly</i>                               | K11000567C              |                               | ×                             | ×                                       | ✓                        |
| 8.1        | 2            | Gasfeder<br><i>Gas spring</i>                                                              | K11000567               |                               | ×                             | ×                                       | ✓                        |
| 8.2        | 4            | Innensechskantschraube M8x80<br><i>Allen key screw</i>                                     | S91281080080            |                               | ✓                             | ✓                                       | ✓                        |
|            | 4            | Scheibe M8<br><i>Flat washer</i>                                                           | S12541084000            |                               | ✓                             | ✓                                       | ✓                        |
|            | 4            | Sicherungsmutter M8<br><i>Self – locking hexagonal nut</i>                                 | S98081080000            |                               | ✓                             | ✓                                       | ✓                        |
| 9          | 1            | Plateaudeckel, rechts; komplett (9.1, 9.2)<br><i>Cover for platform, right; assembly</i>   | K12900130C              |                               | ×                             | ×                                       | ✓                        |
| 9.1        | 1            | Plateaudeckel, rechts<br><i>Cover for platform, right</i>                                  | K12900130               | ABD-K25689A/R                 | ×                             | ×                                       | ✓                        |
| 9.2        | 6            | Niete ø4x12<br><i>Rivet</i>                                                                | S200039040121           |                               | ✓                             | ✓                                       | ✓                        |
| 10         | 1            | Plateaudeckel, links; komplett (10.1, 10.2)<br><i>Cover for platform, left; assembly</i>   | K12900135C              |                               | ×                             | ×                                       | ✓                        |
| 10.1       | 1            | Plateaudeckel, links<br><i>Cover for platform, left</i>                                    | K12900135               | ABD- K25689A/L                | ×                             | ×                                       | ✓                        |
| 10.2       | 6            | Niete ø4x12<br><i>Rivet</i>                                                                | S200039040121           |                               | ✓                             | ✓                                       | ✓                        |
| 11         | 2            | Aluminium-Buchse L=13,5mm<br><i>Bushing</i>                                                | PA1P0302                | L-1500AL-5.3                  | ×                             | ×                                       | ✓                        |
| 12         | 4            | Aluminium-Buchse L=50mm<br><i>Bushing</i>                                                  | PA1P0304                | L-1500AL-5.2                  | ×                             | ×                                       | ✓                        |
| 13         | 8            | Aluminium-Bundbuchse L=52mm<br><i>Bushing</i>                                              | PA1P0308B               | L-1500AL-5.2B                 | ×                             | ×                                       | ✓                        |
| 14         | 1            | Fußsteuerungskabel; komplett (14.1, 14.2, 14.3)<br><i>Cable for foot-control; assembly</i> | EA111509040             |                               | ✓                             | ✓                                       | ✓                        |
| 14.1       | 1            | PG-9 Verschraubung für<br>Kaberschutzschlauch<br><i>Screwing for cable protection hose</i> | EA111500225             |                               | ✓                             | ✓                                       | ✓                        |
| 14.2       | 1            | Kaberschutzschlauch PG-9, L=2,3m<br><i>Cable protection hose</i>                           | EA111500164_2300        |                               | ✓                             | ✓                                       | ✓                        |
| 14.3       | 1            | 3-poliges Kabel L=3,5m<br><i>3-pole cable</i>                                              | EA111500081_3500        |                               | ✓                             | ✓                                       | ✓                        |

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ULTK-1500ST/AL: NDA

### 3. Plateau / Platform



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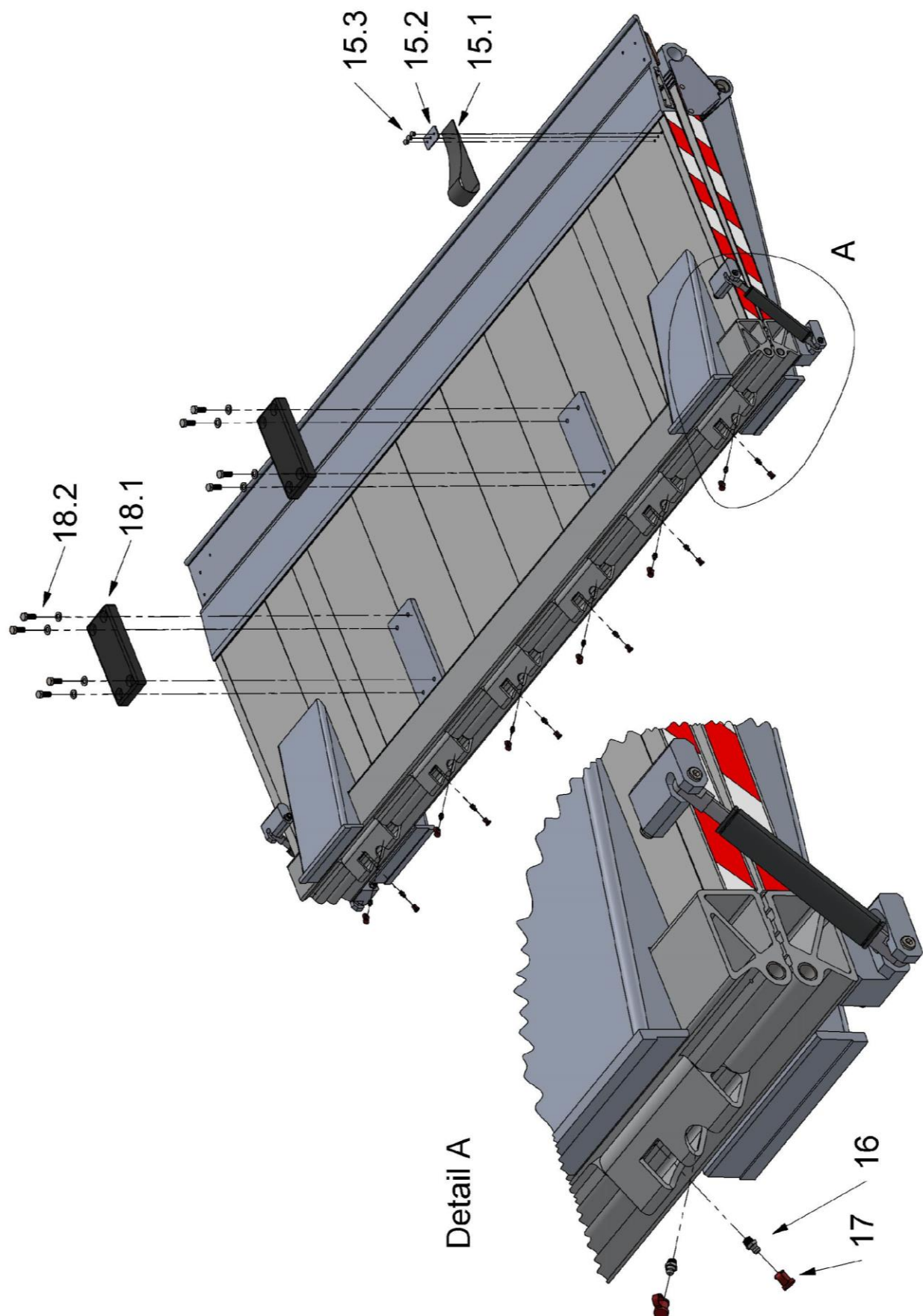
| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                             | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                        |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| 15         | 1            | Gurtband; komplett (15.1, 15.2, 15.3)<br><i>Handle strap; assembly</i> | PA0UTK0100              |                               | ✓                             | ✓                                       | ✓                        |
| 15.1       | 1            | Gurtband<br><i>Handle strap</i>                                        | PA1UTK0100              |                               | ✓                             | ✓                                       | ✓                        |
| 15.2       | 1            | Gurtbandblech<br><i>Mounting sheet for handle strap</i>                | PA1UTK0105              | ULTK-1500AL-3.13              | ✓                             | ✓                                       | ✓                        |
| 15.3       | 3            | Niete ø5x12<br><i>Rivet</i>                                            | 0KK10867                |                               | ✓                             | ✓                                       | ✓                        |
| 16         | 12           | Schmiernippel M8x1<br><i>Grease fitting</i>                            | S141241000019           |                               | ✓                             | ✓                                       | ✓                        |
| 17         | 12           | Staubkappe für Schmiernippel<br><i>Cap for grease fitting</i>          | S141241000099           |                               | ✓                             | ✓                                       | ✓                        |
| 18         | 2            | Rammpatte; komplett (18.1, 18.2)<br><i>Bumper; assembly</i>            | K11000735C              |                               | ✗                             | ✗                                       | ✓                        |
| 18.1       | 2            | Rammpatte<br><i>Bumper</i>                                             | K11000735               |                               | ✗                             | ✗                                       | ✓                        |
| 18.2       | 8            | Sechskantschraube M10x25<br><i>Hexagon head screw</i>                  | S93381100025            |                               | ✗                             | ✗                                       | ✓                        |
|            | 8            | Scheibe M10<br><i>Flat washer</i>                                      | S12541105000            |                               | ✗                             | ✗                                       | ✓                        |

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ULTK-1000ST/AL: Frito Lay

ULTK-1500ST/AL: NDA

### 3. Plateau / Platform



### 3. Plateau / Platform

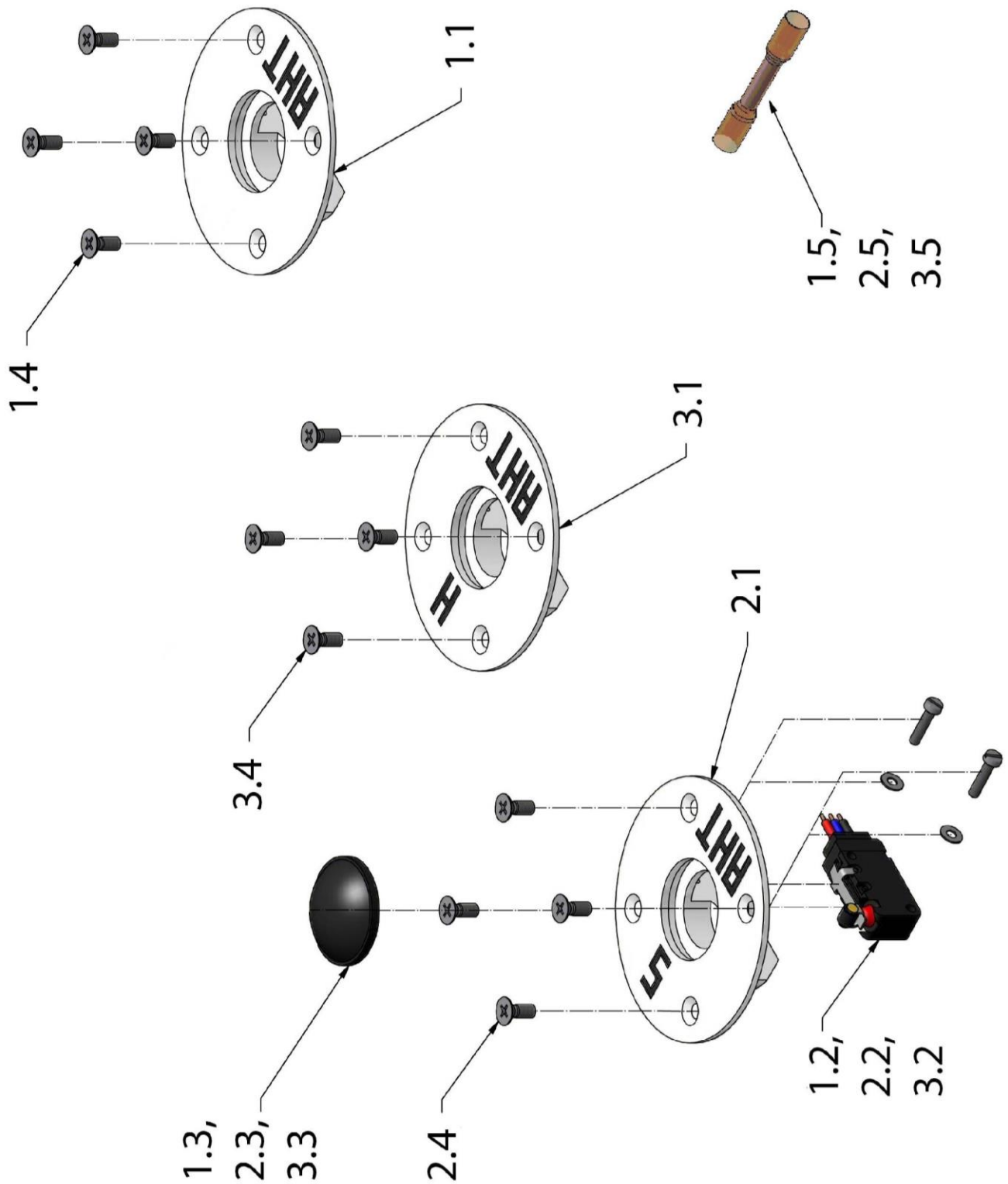
#### 3-Knopf-Fußsteuerung / 3-Button-Foot-Control

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                                                       | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                                                                  |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 1            | Fußsteuerungsknöpfe; komplett<br><i>Foot-Control-Buttons; assembly</i>                                           | EA110500025             |                               | ✓                             | ✓                                       | ✓                        |
| 1          | 1            | Fußsteuerungsknopf, Neutral; komplett (1.1, 1.2, 1.3, 1.4, 1.5)<br><i>Foot-Control-Button, neutral; assembly</i> | EA110500002             | FSK-2000-1                    | ✓                             | ✓                                       | ✓                        |
| 1.1        | 1            | Fußsteuerungsgehäuse, Neutral<br><i>Foot-Control-Casing, neutral</i>                                             | EA110500014             | FSK-2000-1-1                  | ✓                             | ✓                                       | ✓                        |
| 1.2        | 1            | Mikroschalter mit Schrauben<br><i>Micro switch with screws</i>                                                   | EA110500005C            |                               | ✓                             | ✓                                       | ✓                        |
| 1.3        | 1            | Gummistoppel<br><i>Rubber stubble</i>                                                                            | EA110500010             | FSK-2000-4                    | ✓                             | ✓                                       | ✓                        |
| 1.4        | 4            | Senkkopfschraube M4x10<br><i>Countersunk screw</i>                                                               | S96541040010            |                               | ✓                             | ✓                                       | ✓                        |
| 1.5        | 2            | Schrumpfstoßverbinder<br><i>Butt connector</i>                                                                   | EA111500090             |                               | ✓                             | ✓                                       | ✓                        |
| 2          | 1            | Fußsteuerungsknopf, Senken; komplett (2.1, 2.2, 2.3, 2.4, 2.5)<br><i>Foot-Control-Button, lower; assembly</i>    | EA110500001             | FSK-2000-2                    | ✓                             | ✓                                       | ✓                        |
| 2.1        | 1            | Fußsteuerungsgehäuse, Senken<br><i>Foot-Control-Casing, lower</i>                                                | EA110500013             | FSK-2000-2-1                  | ✓                             | ✓                                       | ✓                        |
| 2.2        | 1            | Mikroschalter mit Schrauben<br><i>Micro switch with screws</i>                                                   | EA110500005C            |                               | ✓                             | ✓                                       | ✓                        |
| 2.3        | 1            | Gummistoppel<br><i>Rubber stubble</i>                                                                            | EA110500010             | FSK-2000-4                    | ✓                             | ✓                                       | ✓                        |
| 2.4        | 4            | Senkkopfschraube M4x10<br><i>Countersunk screw</i>                                                               | S96541040010            |                               | ✓                             | ✓                                       | ✓                        |
| 2.5        | 1            | Schrumpfstoßverbinder<br><i>Butt connector</i>                                                                   | EA111500090             |                               | ✓                             | ✓                                       | ✓                        |
| 3          | 1            | Fußsteuerungsknopf, Heben; komplett (3.1, 3.2, 3.3, 3.4, 3.5)<br><i>Foot-Control-Button, raise; assembly</i>     | EA110500000             | FSK-2000-3                    | ✓                             | ✓                                       | ✓                        |
| 3.1        | 1            | Fußsteuerungsgehäuse, Heben<br><i>Foot-Control-Casing, raise</i>                                                 | EA110500012             | FSK-2000-3-1                  | ✓                             | ✓                                       | ✓                        |
| 3.2        | 1            | Mikroschalter mit Schrauben<br><i>Micro switch with screws</i>                                                   | EA110500005C            |                               | ✓                             | ✓                                       | ✓                        |
| 3.3        | 1            | Gummistoppel<br><i>Rubber stubble</i>                                                                            | EA110500010             | FSK-2000-4                    | ✓                             | ✓                                       | ✓                        |
| 3.4        | 4            | Senkkopfschraube M4x10<br><i>Countersunk screw</i>                                                               | S96541040010            |                               | ✓                             | ✓                                       | ✓                        |
| 3.5        | 1            | Schrumpfstoßverbinder<br><i>Shrink hope butt connector</i>                                                       | EA111500090             |                               | ✓                             | ✓                                       | ✓                        |

\* ULTK-1000ST/AL: Frito Lay  
 ULTK-1500ST/AL: NDA

### 3. Plateau / Platform

#### 3-Knopf-Fußsteuerung / 3-Button-Foot-Control

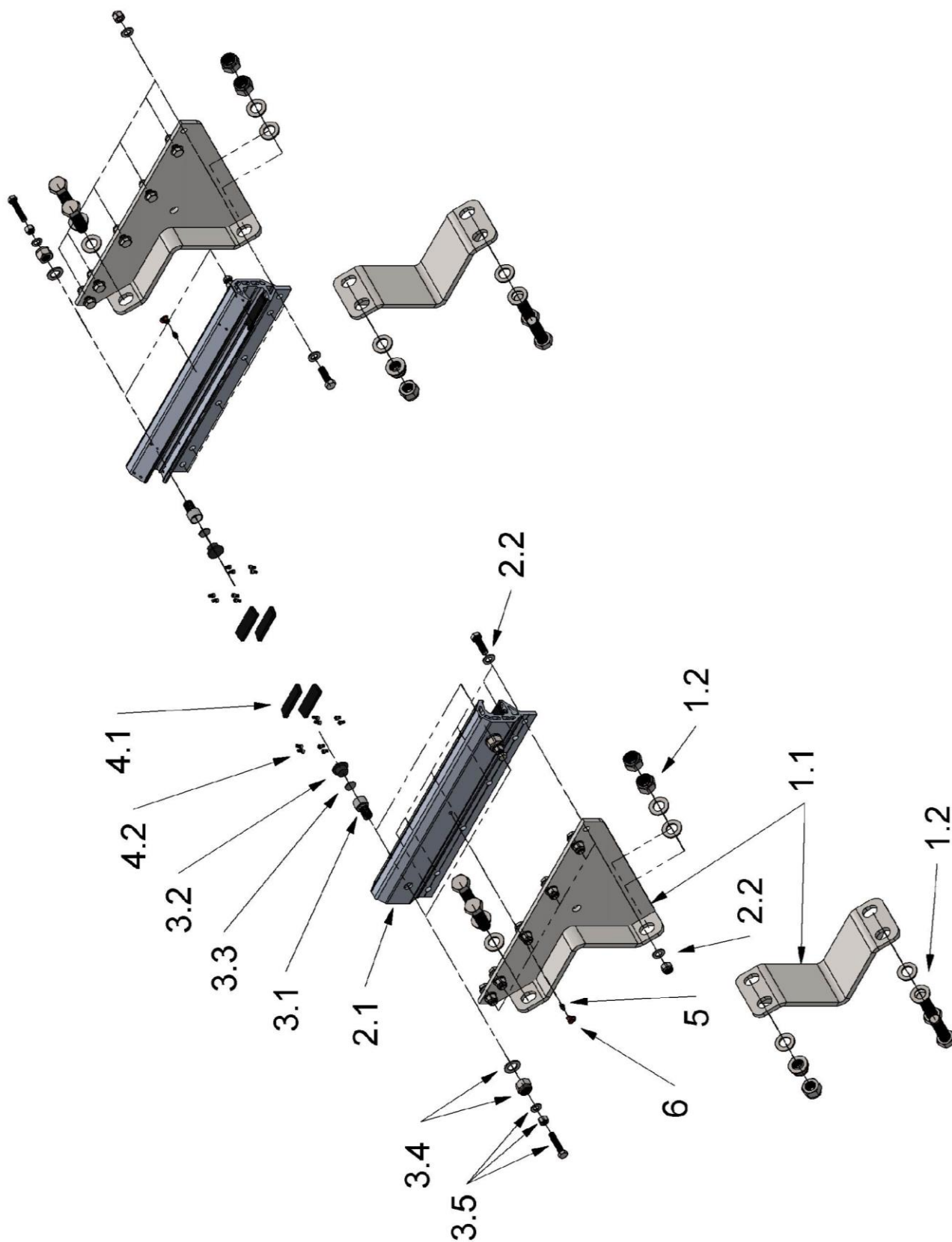


## 4. Flansch / Mounting brackets

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                                         | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|----------------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                                                    |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 1            | Flansch links und rechts; komplett<br><i>Mounting brackets left and right; assembly</i>            | FU0M0S352565XXC         | ULTK-1501ST-4K                | ×                             | ×                                       | ✓                        |
| 1          | 2            | Flansch; komplett (1.1, 1.2)<br><i>Mounting bracket; assembly</i>                                  | FU0M0S352565XX          |                               | ×                             | ×                                       | ✓                        |
| 1.1        | 2            | Flansch<br><i>Mounting bracket</i>                                                                 | FU1M0S352565XX          | ULTK-1501ST-4                 | ×                             | ×                                       | ✓                        |
| 1.2        | 8            | Sechskantschraube M24x80<br><i>Hexagon head screw</i>                                              | S93318024080B           |                               | ×                             | ×                                       | ✓                        |
|            | 16           | Scheibe M24<br><i>Flat washer</i>                                                                  | S12541240000            |                               | ×                             | ×                                       | ✓                        |
|            | 8            | Sicherungsmutter M24<br><i>Self – locking hexagonal nut</i>                                        | S98081240000            |                               | ×                             | ×                                       | ✓                        |
| 2          | 2            | Führungsschlitten; komplett (2.1, 2.2, 3, 4, 5,6)<br><i>Guide Block; assembly</i>                  | FU0PFN0565              |                               | ×                             | ×                                       | ✓                        |
| 2.1        | 2            | Führungsschlitten<br><i>Guide Block</i>                                                            | FU1PFN0565              | ULB-2001ST-4.6                | ×                             | ×                                       | ✓                        |
| 2.2        | 12           | Sechskantschraube M14x45<br><i>Hexagon head screw</i>                                              | S93381140045            |                               | ×                             | ×                                       | ✓                        |
|            | 24           | Scheibe M14<br><i>Flat washer</i>                                                                  | S12541140000            |                               | ✓                             | ✓                                       | ✓                        |
|            | 12           | Sicherungsmutter M14<br><i>Self – locking hexagonal nut</i>                                        | S98081140000            |                               | ✓                             | ✓                                       | ✓                        |
| 3          | 4            | Gleitelement, rund; komplett (3.1, 3.2, 3.3, 3.4, 3.5)<br><i>Slide element, circular; assembly</i> | K12000220               |                               | ✓                             | ✓                                       | ✓                        |
| 3.1        | 4            | Gleitelementführung<br><i>Guide for sliding element</i>                                            | K12000096               | UTK-2000ST-SS-4.6.1           | ✓                             | ✓                                       | ✓                        |
| 3.2        | 4            | Gleitelement, rund<br><i>Slide element, circular</i>                                               | K12000092               | UTK-2000ST-SS-4.6.2           | ✓                             | ✓                                       | ✓                        |
| 3.3        | 4            | Druckscheibe<br><i>Pressure disc</i>                                                               | FA1UP206                | ULB-1500AL-4.8                | ✓                             | ✓                                       | ✓                        |
| 3.4        | 4            | Scheibe M20<br><i>Flat washer</i>                                                                  | S12541210000            |                               | ✓                             | ✓                                       | ✓                        |
|            | 4            | Sicherungsmutter M20<br><i>Self – locking hexagonal nut</i>                                        | S98081200000            |                               | ✓                             | ✓                                       | ✓                        |
| 3.5        | 4            | Sechskantschraube M12x60<br><i>Hexagon head screw</i>                                              | S93381120060            |                               | ✓                             | ✓                                       | ✓                        |
|            | 4            | Scheibe M12<br><i>Flat washer</i>                                                                  | S12541120000            |                               | ✓                             | ✓                                       | ✓                        |
|            | 4            | Sechskantmutter M12<br><i>Hex nut</i>                                                              | S93481120000            |                               | ✓                             | ✓                                       | ✓                        |
| 4          | 8            | Gleitelement, eckig; komplett (4.1, 4.2)<br><i>Slide element, rectangular; assembly</i>            | K12000230               |                               | ✓                             | ✓                                       | ✓                        |
| 4.1        | 8            | Gleitelement, eckig<br><i>Slide element, rectangular</i>                                           | K12000095               | ULB-1500AL-4.9A               | ✓                             | ✓                                       | ✓                        |
| 4.2        | 32           | Innensechskantschraube M5x10<br><i>Allen key screw</i>                                             | S91281050010            |                               | ✓                             | ✓                                       | ✓                        |
| 5          | 2            | Schmiernippel M8x1<br><i>Grease fitting</i>                                                        | S141241000019           |                               | ✓                             | ✓                                       | ✓                        |
| 6          | 2            | Staubkappe für Schmiernippel<br><i>Cap for grease fitting</i>                                      | S141241000099           |                               | ✓                             | ✓                                       | ✓                        |

\* ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

#### 4. Flansch / Mounting brackets

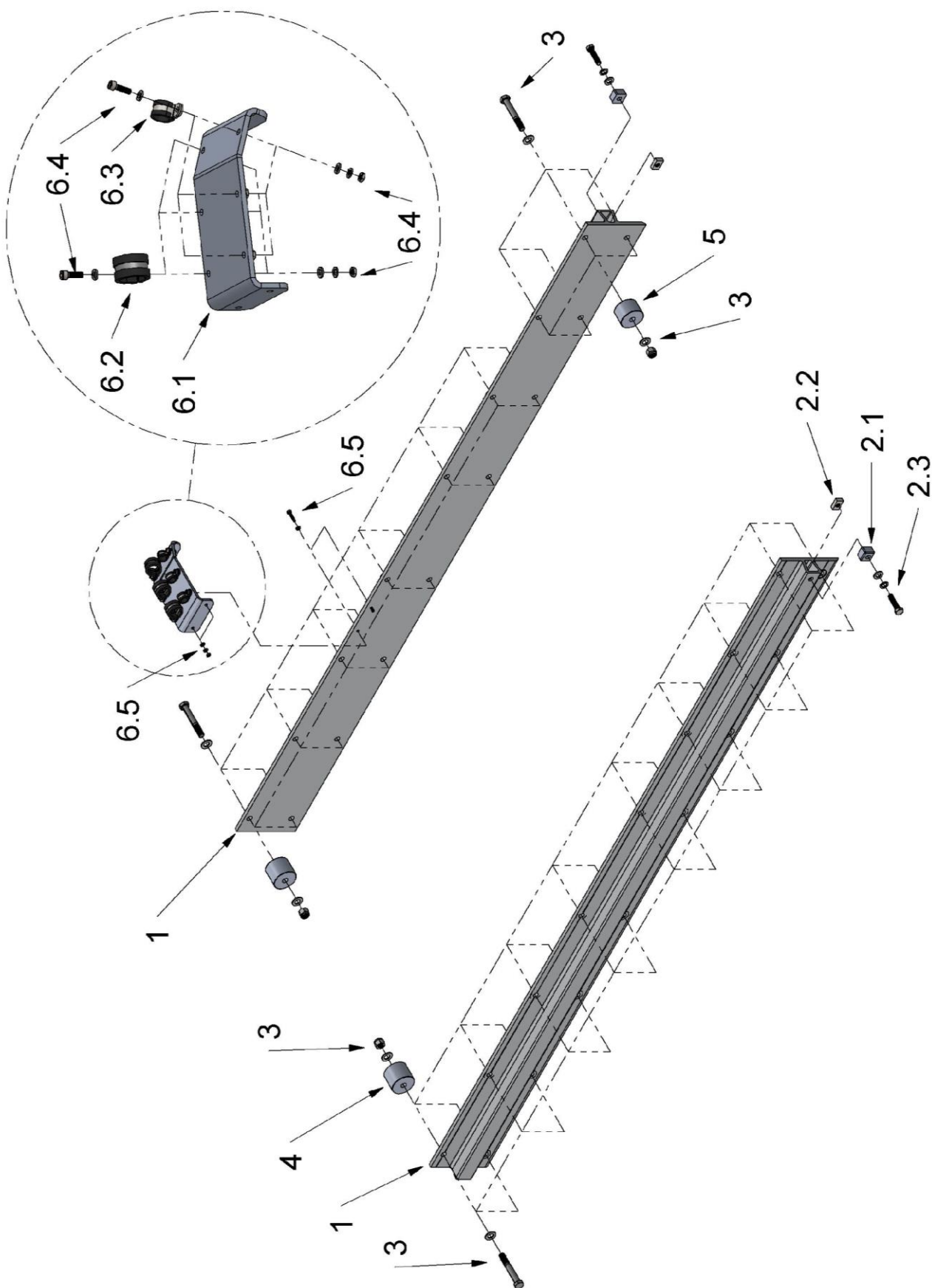


## 4.1. Führungsschiene / Rail

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                         | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                                    |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 1            | Führungsschiene links und rechts; komplett<br><i>Rail left and right; assembly</i> | FU0PSN2095              | ULTK-1500AL-10.2/2095/K       | ✗                             | ✗                                       | ✓                        |
| 1          | 2            | Führungsschiene<br><i>Rail</i>                                                     | FU1PSN2095              | ULTK-1500AL-10.2/2095         | ✗                             | ✗                                       | ✓                        |
| 2          | 2            | Endanschlag; komplett (2.1, 2.2, 2.3)<br><i>End stop; assembly</i>                 | K11002070C              |                               | ✓                             | ✓                                       | ✓                        |
| 2.1        | 2            | Würfel für Endanschlag<br><i>Cube for end stop</i>                                 | K11002070               | UTK-751AL-11.2                | ✓                             | ✓                                       | ✓                        |
| 2.2        | 2            | Vierkantmutter M12<br><i>Square nut</i>                                            | S557AHT11205            | L-500AL-7.2                   | ✓                             | ✓                                       | ✓                        |
| 2.3        | 2            | Sechskantschraube M12x50<br><i>Hexagon head screw</i>                              | S93381120050            |                               | ✓                             | ✓                                       | ✓                        |
|            | 2            | Scheibe M12<br><i>Flat washer</i>                                                  | S12541120000            |                               | ✓                             | ✓                                       | ✓                        |
|            | 2            | Federring M12<br><i>Spring washer</i>                                              | S12741122002            |                               | ✓                             | ✓                                       | ✓                        |
| 3          | 32           | Sechskantschraube M14x100<br><i>Hexagon head screw</i>                             | S93381140100            |                               | ✓                             | ✓                                       | ✓                        |
|            | 64           | Scheibe M14<br><i>Flat washer</i>                                                  | S12541140000            |                               | ✓                             | ✓                                       | ✓                        |
|            | 32           | Sicherungsmutter M14<br><i>Self – locking hexagonal nut</i>                        | S98081140000            |                               | ✓                             | ✓                                       | ✓                        |
| 4          | 28           | Aluhülse L=50.8mm (2")<br><i>Spacer</i>                                            | K11007020               | ULTK-1500AL-10.3/50.8         | ✗                             | ✗                                       | ✓                        |
| 5          | 4            | Aluhülse L=40.8mm (1,58")<br><i>Spacer</i>                                         | K11007025               | ULTK-1500AL-10.3/40.8         | ✗                             | ✗                                       | ✓                        |
| 6          | 1            | Schlauchführung; komplett (6.1, 6.2, 6.3, 6.4, 6.5)<br><i>Hose guide; assembly</i> | K11007005C              |                               | ✓                             | ✓                                       | ✓                        |
| 6.1        | 1            | Schlauchführung PG21 und PG16<br><i>Hose guide</i>                                 | K11007005               | MA-SF-PG21/16                 | ✓                             | ✓                                       | ✓                        |
| 6.2        | 3            | Schelle RSGU30<br><i>Clamp</i>                                                     | EA111500183             |                               | ✓                             | ✓                                       | ✓                        |
| 6.3        | 3            | Schelle RSGU20<br><i>Clamp</i>                                                     | EA111500182             |                               | ✗                             | ✗                                       | ✓                        |
| 6.4        | 6            | Innensechskantschraube M6x20<br><i>Allen key screw</i>                             | S91281060020            |                               | ✓                             | ✓                                       | ✓                        |
|            | 12           | Scheibe M6<br><i>Flat washer</i>                                                   | S12541064000            |                               | ✓                             | ✓                                       | ✓                        |
|            | 6            | Federring M6<br><i>Spring washer</i>                                               | S12741061002            |                               | ✓                             | ✓                                       | ✓                        |
|            | 6            | Sechskantmutter M6<br><i>Hex nut</i>                                               | S93481060000            |                               | ✓                             | ✓                                       | ✓                        |
| 6.5        | 2            | Innensechskantschraube M6x30<br><i>Allen key screw</i>                             | S91281060030            |                               | ✓                             | ✓                                       | ✓                        |
|            | 4            | Scheibe M6<br><i>Flat washer</i>                                                   | S12541064000            |                               | ✓                             | ✓                                       | ✓                        |
|            | 2            | Federring M6<br><i>Spring washer</i>                                               | S12741061002            |                               | ✓                             | ✓                                       | ✓                        |
|            | 2            | Sechskantmutter M6<br><i>Hex nut</i>                                               | S93481060000            |                               | ✓                             | ✓                                       | ✓                        |

\* ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

## 4.1. Führungsschiene / Rail

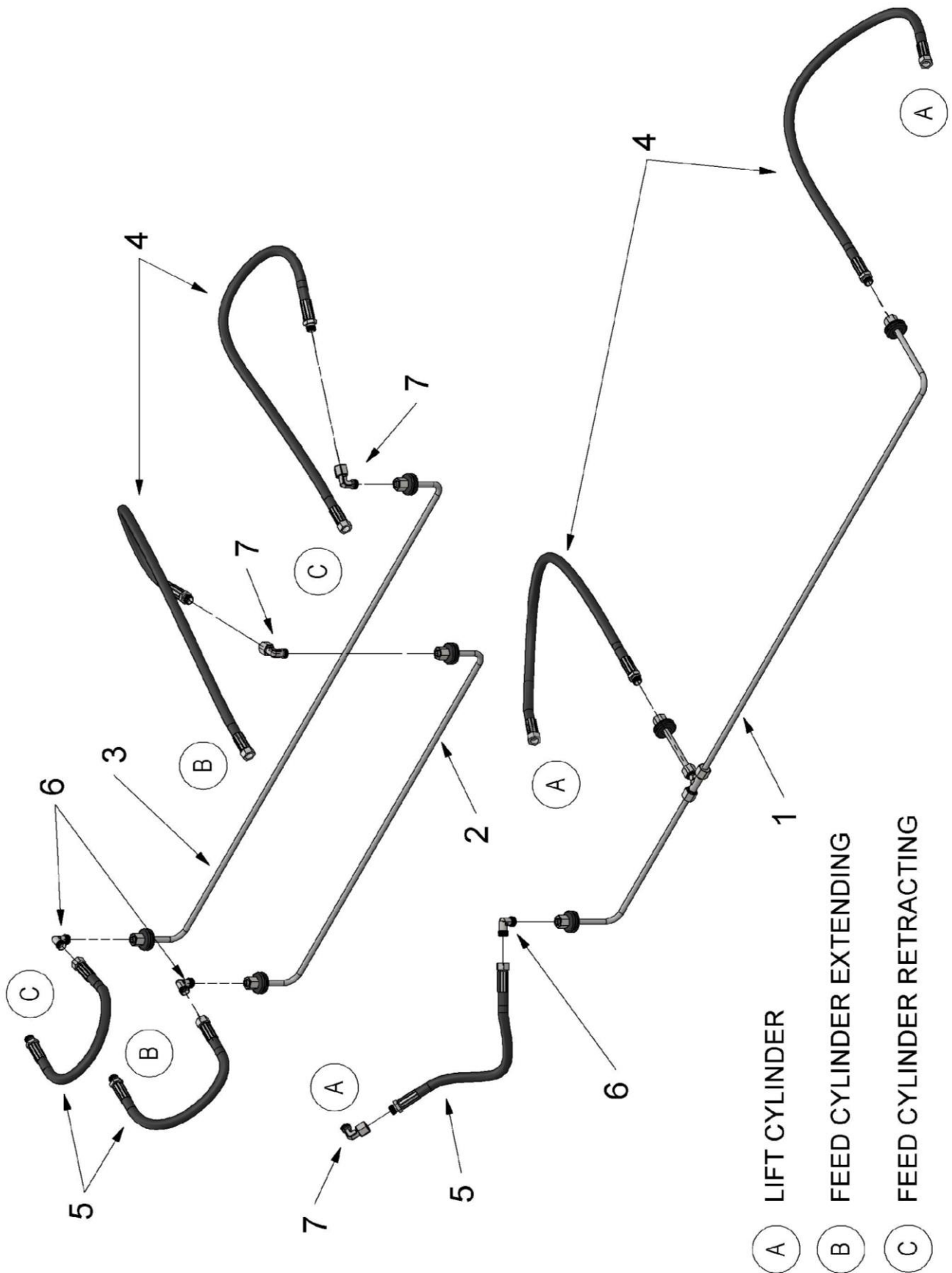


## 5. Hydraulikleitungen / Hydraulic lines

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                                           | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                                                      |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 1            | Hydraulikleitungen; komplett<br><i>Hydraulic lines; assembly</i>                                     | RS0MF1400ULTK           | ULTK-1502ST/AL-5K             | ✗                             | ✗                                       | ✓                        |
| 1          | 1            | Hydraulikrohr „Hubzylinder-A“<br><i>Hydraulic tube "lift cylinder-A"</i>                             | RS1MF14000101           | ULTK-1502ST/AL-5.1            | ✗                             | ✗                                       | ✓                        |
| 2          | 1            | Hydraulikrohr „Vorschubzylinder, ausfahren-B“<br><i>Hydraulic tube "feed cylinder, extending-B"</i>  | RS1MF14000201           | ULTK-1502ST/AL-5.2            | ✗                             | ✗                                       | ✓                        |
| 3          | 1            | Hydraulikrohr „Vorschubzylinder, einfahren-C“<br><i>Hydraulic tube "feed cylinder, retracting-C"</i> | RS1MF14000301           | ULTK-1502ST/AL-5.3            | ✗                             | ✗                                       | ✓                        |
| 4          | 4            | HD-Schlauch L=750 1x Mutter, Thermoplast<br><i>High pressure hose L=750 1x nut, thermoplastic</i>    | RS1NG60750AT            |                               | ✓                             | ✓                                       | ✓                        |
| 5          | 3            | HD-Schlauch L=350 1x Mutter, Thermoplast<br><i>High pressure hose L=350 1x nut, thermoplastic</i>    | RS1NG60350BT            |                               | ✓                             | ✓                                       | ✓                        |
| 6          | 3            | Winkelstück ohne Mutter 8L<br><i>Elbow fitting without nut</i>                                       | RV11700032              |                               | ✓                             | ✓                                       | ✓                        |
| 7          | 3            | Winkelstück mit Mutter 8L<br><i>Elbow fitting with nut</i>                                           | RV10700002              |                               | ✓                             | ✓                                       | ✓                        |

\*  
ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

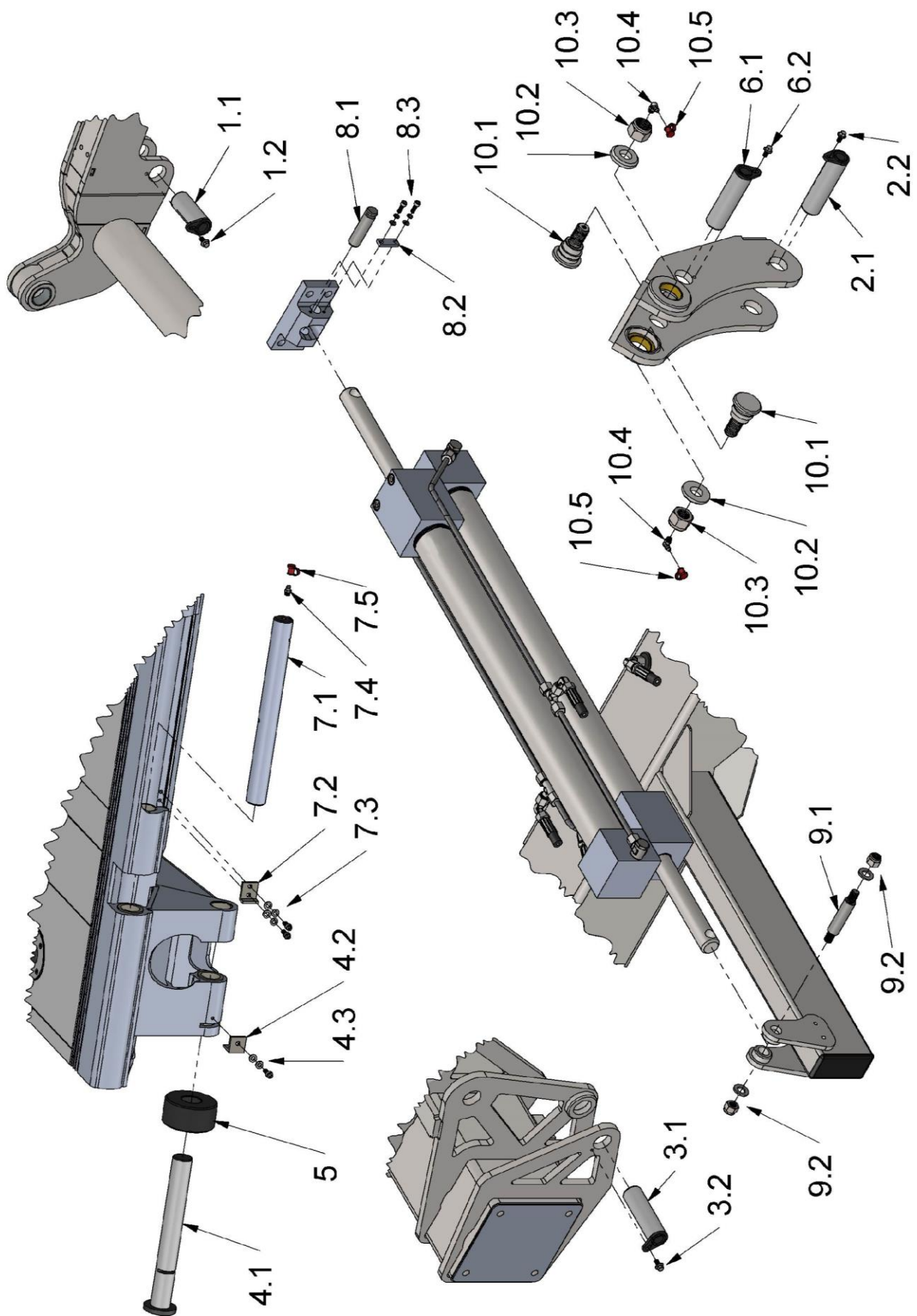
## 5. Hydraulikleitungen / Hydraulic lines



## 6. Bolzen / Bolts

| Nr.<br>No.                                                 | Stk.<br>Pcs. | Bezeichnung<br>Description                                                                                              | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|                                                            |              |                                                                                                                         |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -                                                          | 1            | Bolzensatz; komplett<br><i>Bolt set; assembly</i>                                                                       | BV0M2                   | ULTK-1502ST/AL-6K             | ×                             | ×                                       | ✓                        |
| 1                                                          | 2            | Bolzen (Hubzylinder - Hubwerk); komplett<br>(1.1, 1.2)<br><i>Bolt (Lift cylinder - hoisting unit); assembly</i>         | BS1PST0210C             |                               | ×                             | ×                                       | ✓                        |
| 1.1                                                        | 2            | Bolzen (Hubzylinder - Hubwerk)<br><i>Bolt (Lift cylinder - hoisting unit)</i>                                           | BS1PST0210              | L-1502ST-6.1                  | ×                             | ×                                       | ✓                        |
| 1.2                                                        | 2            | Sperrzahnschraube RSL M6x12<br><i>Rip self-locking screw</i>                                                            | S93381060012LS          |                               | ✓                             | ✓                                       | ✓                        |
| 2                                                          | 2            | Bolzen (Neigeschwinge - Hubzylinder);<br>komplett (2.1, 2.2)<br><i>Bolt (Tilting bracket - lift cylinder); assembly</i> | BS1MST0510C             |                               | ×                             | ×                                       | ✓                        |
| 2.1                                                        | 2            | Bolzen (Neigeschwinge - Hubzylinder)<br><i>Bolt (Tilting bracket - lift cylinder)</i>                                   | BS1MST0510              | L-1502ST-6.4                  | ×                             | ×                                       | ✓                        |
| 2.2                                                        | 2            | Sperrzahnschraube RSL M6x12<br><i>Rip self-locking screw</i>                                                            | S93381060012LS          |                               | ✓                             | ✓                                       | ✓                        |
| 3                                                          | 2            | Bolzen (Tragkörper - Lenker); komplett (3.1,<br>3.2)<br><i>Bolt (Cross beam – lever arm); assembly</i>                  | BV1MST0710C             |                               | ×                             | ×                                       | ✓                        |
| 3.1                                                        | 2            | Bolzen (Tragkörper - Lenker)<br><i>Bolt (Cross beam – lever arm)</i>                                                    | BV1MST0710              | ULTK-1502ST-6.1               | ×                             | ×                                       | ✓                        |
| 3.2                                                        | 2            | Sperrzahnschraube RSL M6x12<br><i>Rip self-locking screw</i>                                                            | S93381060012LS          |                               | ✓                             | ✓                                       | ✓                        |
| 4                                                          | 2            | Bolzen (Plateau - Lenker); komplett (4.1, 4.2,<br>4.3)<br><i>Bolt (Platform – lever arm); assembly</i>                  | BS1PAL0310C             |                               | ×                             | ×                                       | ✓                        |
| 4.1                                                        | 2            | Bolzen (Plateau - Lenker)<br><i>Bolt (Platform – lever arm)</i>                                                         | BS1PAL0310              | L-1500AL-6.2                  | ×                             | ×                                       | ✓                        |
| 4.2                                                        | 2            | Bolzensicherungswinkel, 1 Loch<br><i>Locking plate for bolt</i>                                                         | BS1AL0303               | L-1500AL-6.9                  | ✓                             | ✓                                       | ✓                        |
| 4.3                                                        | 2            | Innensechskantschraube, Niro M6x16<br><i>Allen key screw, stainless steel</i>                                           | S91281060016N           |                               | ✓                             | ✓                                       | ✓                        |
|                                                            | 2            | Scheibe M6<br><i>Flat washer</i>                                                                                        | S12541064000            |                               | ✓                             | ✓                                       | ✓                        |
|                                                            | 2            | Federring M6<br><i>Spring washer</i>                                                                                    | S12741061002            |                               | ✓                             | ✓                                       | ✓                        |
| 5                                                          | 2            | Verschleißrolle<br><i>Wear roll</i>                                                                                     | BS1P0800                | L-1500ST-6.8                  | ×                             | ×                                       | ✓                        |
| 6                                                          | 2            | Bolzen (Hubwerk - Neigeschwinge);<br>komplett (6.1, 6.2)<br><i>Bolt (Hoisting unit – tilting bracket);<br/>assembly</i> | BS1MST0510C             |                               | ×                             | ×                                       | ✓                        |
| 6.1                                                        | 2            | Bolzen (Hubwerk - Neigeschwinge)<br><i>Bolt (Hoisting unit – tilting bracket)</i>                                       | BS1MST0510              | L-1502ST-6.4                  | ×                             | ×                                       | ✓                        |
| 6.2                                                        | 2            | Sperrzahnschraube RSL M6x12<br><i>Rip self-locking screw</i>                                                            | S93381060012LS          |                               | ✓                             | ✓                                       | ✓                        |
| <p>* ULTK-1000ST/AL: Frito Lay<br/>ULTK-1500ST/AL: NDA</p> |              |                                                                                                                         |                         |                               |                               |                                         |                          |

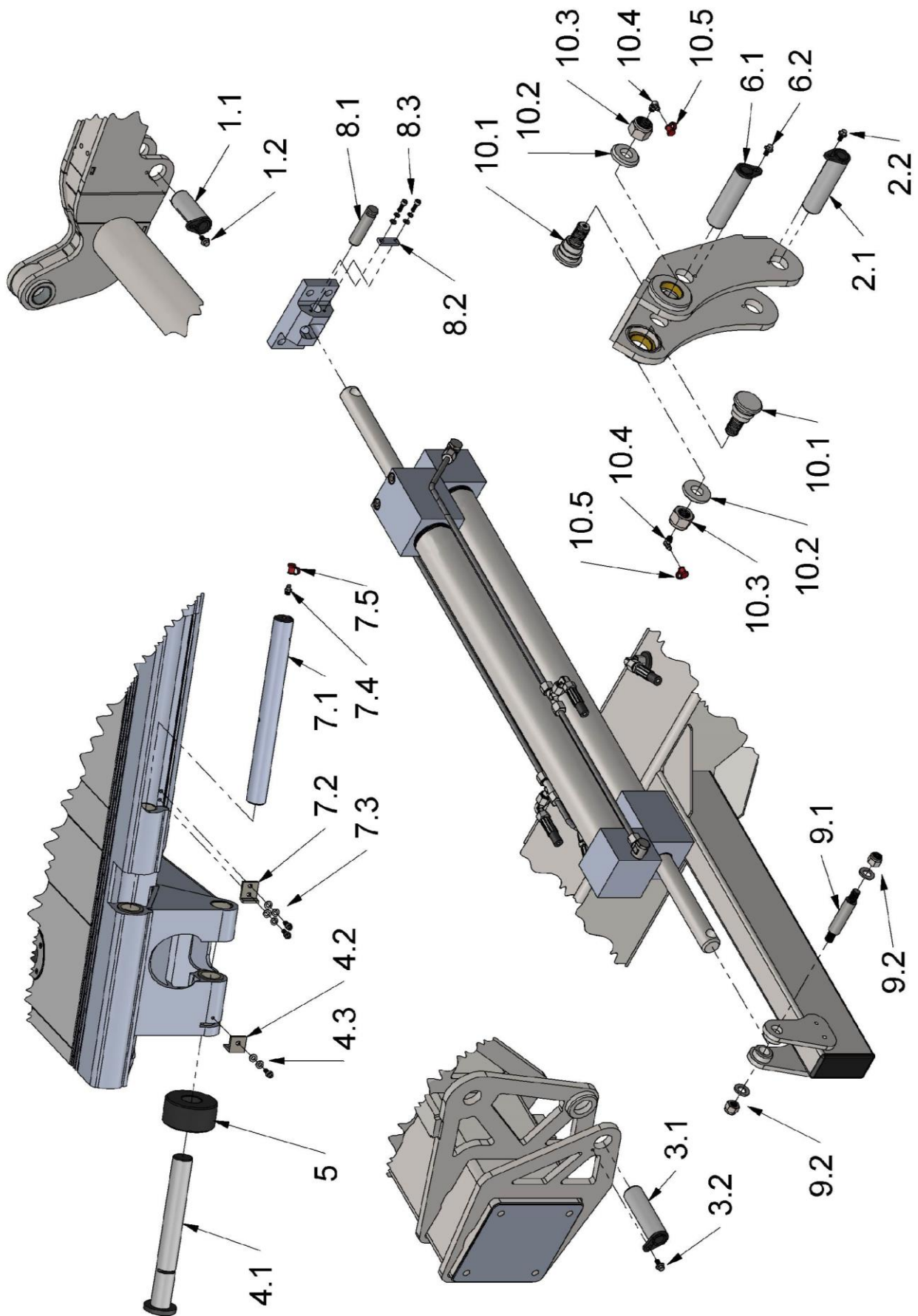
## 6. Bolzen / Bolts



## 6. Bolzen / Bolts

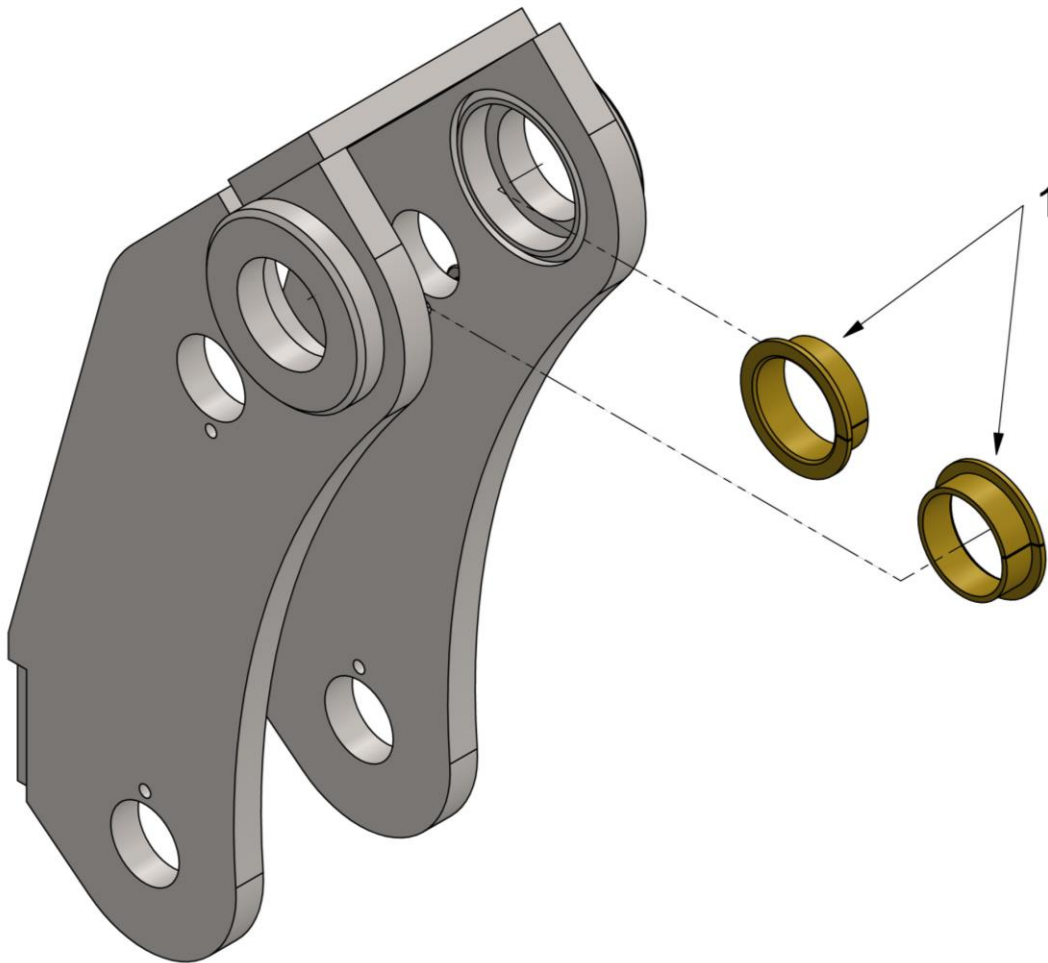
| Nr.<br>No.                                         | Stk.<br>Pcs. | Bezeichnung<br>Description                                                                                                              | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|----------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|                                                    |              |                                                                                                                                         |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| 7                                                  | 2            | Bolzen (Plateau - Hubwerk); komplett (7.1, 7.2, 7.3, 7.4, 7.5)<br><i>Bolt (Platform – hoisting unit); assembly</i>                      | BS1PAL0410BC            |                               | ✗                             | ✗                                       | ✓                        |
| 7.1                                                | 2            | Bolzen (Plateau - Hubwerk)<br><i>Bolt (Platform – hoisting unit)</i>                                                                    | BS1PAL0410B             | L-1500AL-6.3B                 | ✗                             | ✗                                       | ✓                        |
| 7.2                                                | 2            | Bolzensicherungswinkel, 2 Loch<br><i>Locking plate for bolt</i>                                                                         | BS1AL0401               | L-1500AL-6.10                 | ✓                             | ✓                                       | ✓                        |
| 7.3                                                | 4            | Innensechskantschraube, Niro M6x16<br><i>Allen key screw, stainless steel</i>                                                           | S91281060016N           |                               | ✓                             | ✓                                       | ✓                        |
|                                                    | 4            | Scheibe M6<br><i>Flat washer</i>                                                                                                        | S12541064000            |                               | ✓                             | ✓                                       | ✓                        |
|                                                    | 4            | Federring M6<br><i>Spring washer</i>                                                                                                    | S12741061002            |                               | ✓                             | ✓                                       | ✓                        |
| 7.4                                                | 2            | Schmiernippel M8x1<br><i>Grease fitting</i>                                                                                             | S141241000019           |                               | ✓                             | ✓                                       | ✓                        |
| 7.5                                                | 2            | Staubkappe für Schmiernippel<br><i>Cap for grease fitting</i>                                                                           | S141241000099           |                               | ✓                             | ✓                                       | ✓                        |
| 8                                                  | 1            | Bolzen (Vorschubzylinder - Lagerblock);<br>komplett (8.1, 8.2, 8.3)<br><i>Bolt (Feed cylinder – bearing block);<br/>assembly</i>        | VZA1L0102C              |                               | ✗                             | ✗                                       | ✓                        |
| 8.1                                                | 1            | Bolzen (Vorschubzylinder - Lagerblock)<br><i>Bolt (Feed cylinder – bearing block)</i>                                                   | VZA1L0102               | ULB-VZL-2000-1                | ✗                             | ✗                                       | ✓                        |
| 8.2                                                | 1            | Bolzensicherungsplatte<br><i>Locking plate for bolt</i>                                                                                 | VZA1L0103               | ULB-VZL-2000-2                | ✗                             | ✓                                       | ✓                        |
| 8.3                                                | 2            | Innensechskantschraube, Niro M5x16<br><i>Allen key screw, stainless steel</i>                                                           | 0KK10155A2              |                               | ✗                             | ✓                                       | ✓                        |
|                                                    | 2            | Scheibe, Niro M5<br><i>Flat washer, stainless steel</i>                                                                                 | 0KK10606A2              |                               | ✗                             | ✓                                       | ✓                        |
|                                                    | 2            | Federring, Niro M5<br><i>Spring washer, stainless steel</i>                                                                             | 0KK10686A2              |                               | ✗                             | ✓                                       | ✓                        |
| 9                                                  | 1            | Bolzen (Vorschubzylinder - Tragkörper);<br>komplett (9.1, 9.2)<br><i>Bolt (Feed cylinder – cross beam); assembly</i>                    | BV1MST0810C             |                               | ✗                             | ✗                                       | ✓                        |
| 9.1                                                | 1            | Bolzen (Vorschubzylinder - Tragkörper)<br><i>Bolt (Feed cylinder – cross beam)</i>                                                      | BV1MST0810              | ULTK-1500ST-6.2               | ✗                             | ✗                                       | ✓                        |
| 9.2                                                | 2            | Scheibe M12<br><i>Flat washer</i>                                                                                                       | S12541120000            |                               | ✓                             | ✓                                       | ✓                        |
|                                                    | 2            | Sicherungsmutter M12<br><i>Self – locking hexagonal nut</i>                                                                             | S98081120000            |                               | ✓                             | ✓                                       | ✓                        |
| 10                                                 | 4            | Bolzen (Tragkörper - Neigeschwinge);<br>komplett (10.1, 10.2, 10.3, 10.4, 10.5)<br><i>Bolt (Cross beam – tilting bracket); assembly</i> | BS1ST0401C              |                               | ✗                             | ✗                                       | ✓                        |
| 10.1                                               | 4            | Bolzen (Tragkörper - Neigeschwinge)<br><i>Bolt (Cross beam – tilting bracket)</i>                                                       | BS1ST0401               | LTK-1500ST-8-1A               | ✗                             | ✗                                       | ✓                        |
| 10.2                                               | 4            | Scheibe<br><i>Disc</i>                                                                                                                  | BS1ST0402               | LTK-1500ST-8-2A               | ✗                             | ✗                                       | ✓                        |
| 10.3                                               | 4            | Sicherungsmutter M20<br><i>Self – locking hexagonal nut</i>                                                                             | S98081200000            |                               | ✗                             | ✗                                       | ✓                        |
| 10.4                                               | 4            | Schmiernippel M8x1-90°<br><i>Grease fitting</i>                                                                                         | S141241000011           |                               | ✓                             | ✓                                       | ✓                        |
| 10.5                                               | 4            | Staubkappe für Schmiernippel<br><i>Cap for grease fitting</i>                                                                           | S141241000099           |                               | ✓                             | ✓                                       | ✓                        |
| * ULTK-1000ST/AL: Frito Lay<br>ULTK-1500ST/AL: NDA |              |                                                                                                                                         |                         |                               |                               |                                         |                          |

## 6. Bolzen / Bolts



## 7. Neigeschwinge / Tilting bracket

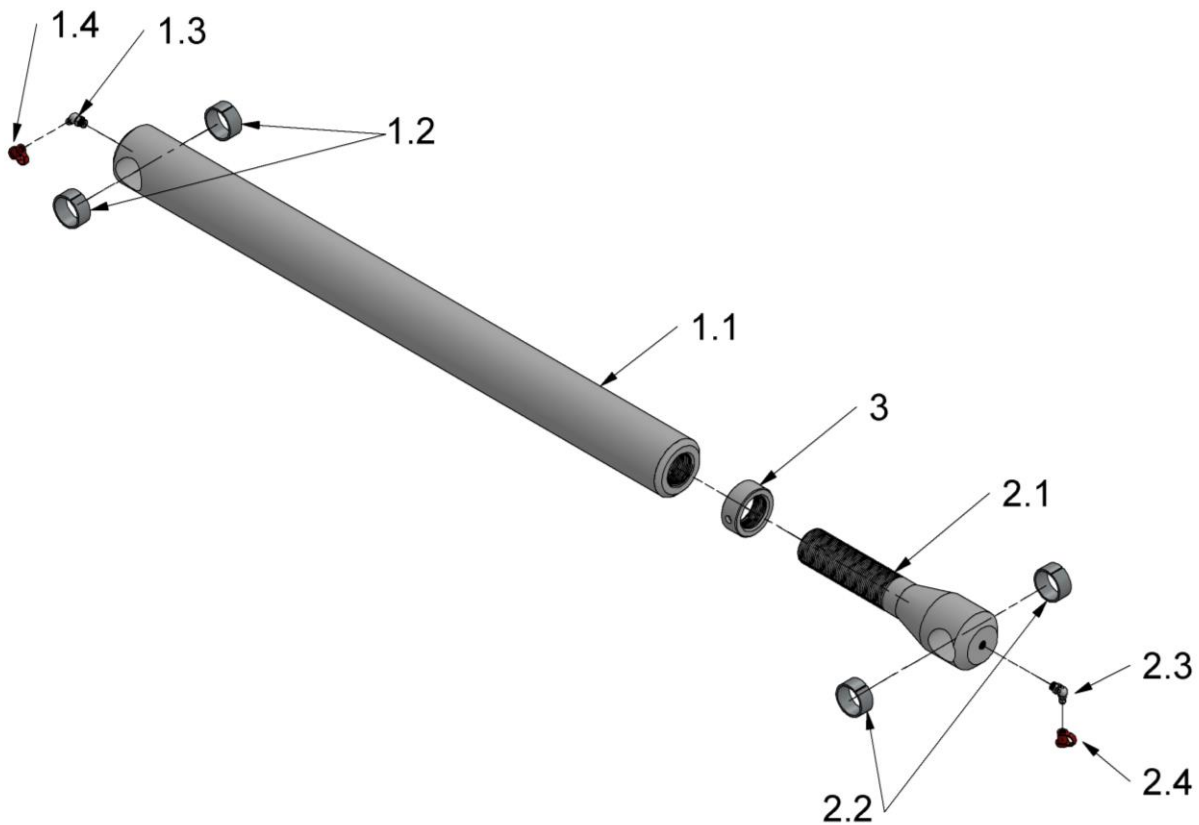
| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                           | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                      |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 2            | Neigeschwinge; komplett<br>Tilting bracket; assembly | K11000299C              | LTK-2001ST-7K                 | ×                             | ×                                       | ✓                        |
| 1          | 2            | Bundbuchse FMB 393513<br>Flange bushing              | K11000299               |                               | ×                             | ×                                       | ✓                        |



\*  
ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

## 8. Lenker einstellbar / Lever arm adjustable

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                            | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|-----------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                       |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 2            | Lenker einstellbar; komplett<br><i>Lever arm adjustable; assembly</i> | LA0M0100                | ULTK-1500ST-7M                | ×                             | ×                                       | ✓                        |
| 1          | 1            | Lenkerstange; komplett (1.1, 1.2, 1.3, 1.4)<br><i>Lever arm rod</i>   | LA1M0100                |                               | ×                             | ×                                       | ✓                        |
| 1.1        | 1            | Lenkerstange<br><i>Lever arm rod</i>                                  | LA1M0105                | ULTK-1501ST-7-1M              | ×                             | ×                                       | ✓                        |
| 1.2        | 2            | Buchse DU3015<br><i>Bushing</i>                                       | K11000100               |                               | ×                             | ×                                       | ✓                        |
| 1.3        | 1            | Schmiernippel M8x1-45°<br><i>Grease fitting</i>                       | S141241000009           |                               | ✓                             | ✓                                       | ✓                        |
| 1.4        | 1            | Staubkappe für Schmiernippel<br><i>Cap for grease fitting</i>         | S141241000099           |                               | ✓                             | ✓                                       | ✓                        |
| 2          | 1            | Druckstange; komplett (2.1, 2.2, 2.3, 2.4)<br><i>Clevis</i>           | ZSA1MM0401              | SZ-1500-14M                   | ×                             | ×                                       | ✓                        |
| 2.1        | 1            | Druckstange<br><i>Clevis</i>                                          | ZSA1MM0401              | SZ-1500-14M                   | ×                             | ×                                       | ✓                        |
| 2.2        | 2            | Buchse DU3015<br><i>Bushing</i>                                       | K11000100               |                               | ×                             | ×                                       | ✓                        |
| 2.3        | 1            | Schmiernippel M8x1-90°<br><i>Grease fitting</i>                       | S141241000011           |                               | ×                             | ×                                       | ✓                        |
| 2.4        | 1            | Staubkappe für Schmiernippel<br><i>Cap for grease fitting</i>         | S141241000099           |                               | ✓                             | ✓                                       | ✓                        |
| 3          | 1            | Kontermutter<br><i>Locking nut</i>                                    | ZSA1MM0500              | SZ-1500-13M/L                 | ✓                             | ✓                                       | ✓                        |



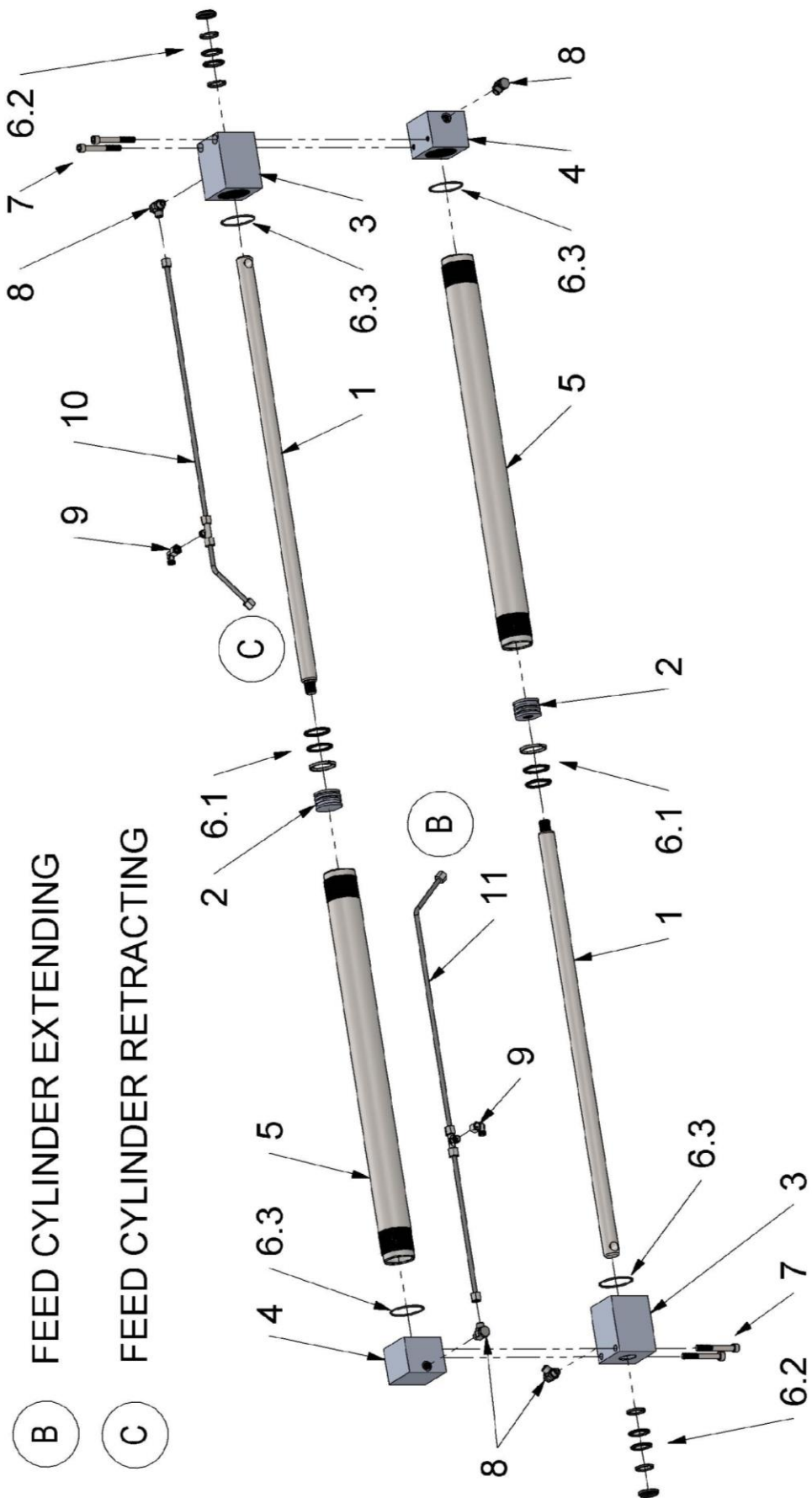
\* ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

## 9. Vorschubzylinder / Feed cylinder

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                                | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|-------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                                           |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 1            | Vorschubzylinder; komplett<br>Feed cylinder; assembly                                     | ZV0Z1470_5030           | DWZ-50/30/1470                | ×                             | ×                                       | ✓                        |
| 1          | 2            | Kolbenstange<br>Piston rod                                                                | ZV1Z14700500            | DWZ-50/30/1470-1              | ×                             | ×                                       | ✓                        |
| 2          | 2            | Kolben<br>Piston                                                                          | ZV1Z14700505            | DWZ-50/30/800-2               | ×                             | ×                                       | ✓                        |
| 3          | 2            | Kolbenführung<br>Piston guide                                                             | ZV1Z0301                | DWZ-50/30/800-3               | ×                             | ×                                       | ✓                        |
| 4          | 2            | Zylinderboden<br>Cylinder bottom                                                          | ZV1Z0401                | DWZ-50/30/800-4               | ×                             | ×                                       | ✓                        |
| 5          | 2            | Zylinderrohr<br>Cylinder tube                                                             | ZV1Z14700510            | DWZ-50/30/1470-5              | ×                             | ×                                       | ✓                        |
| 6          | 1            | Dichtsatz; komplett (6.1, 6.2, 6.3)<br>Seal kit; assembly                                 | DV0Z5030                |                               | ×                             | ×                                       | ✓                        |
| 6.1        | 2            | Dichtsatz, Kolben<br>Seal kit, piston                                                     | DV0Z5030300             |                               | ×                             | ×                                       | ✓                        |
| 6.2        | 2            | Dichtsatz, Kolbenführung<br>Seal kit, piston guide                                        | DV0Z530200              |                               | ×                             | ×                                       | ✓                        |
| 6.3        | 4            | O-Ring<br>O-Ring                                                                          | DO266370                |                               | ×                             | ×                                       | ✓                        |
| 7          | 4            | Innensechskantschraube M10x85<br>Allen key screw                                          | 0KK10485                |                               | ×                             | ×                                       | ✓                        |
| 8          | 4            | Schwenkverschraubung G1/4"-8L<br>Swivel screw fitting                                     | RV10700003              |                               | ✓                             | ✓                                       | ✓                        |
| 9          | 2            | Winkelstück mit Mutter 8L<br>Elbow fitting with nut                                       | RV10700002              |                               | ✓                             | ✓                                       | ✓                        |
| 10         | 1            | Rohrleitung „Vorschubzylinder einfahren-C“<br>Hydraulic tube „Feed cylinder retracting-C“ | ZV1Z14700530            |                               | ×                             | ×                                       | ✓                        |
| 11         | 1            | Rohrleitung „Vorschubzylinder, ausfahren-B“<br>Hydraulic tube „Feed cylinder extending-B“ | ZV1Z14700535            |                               | ×                             | ×                                       | ✓                        |

\* ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

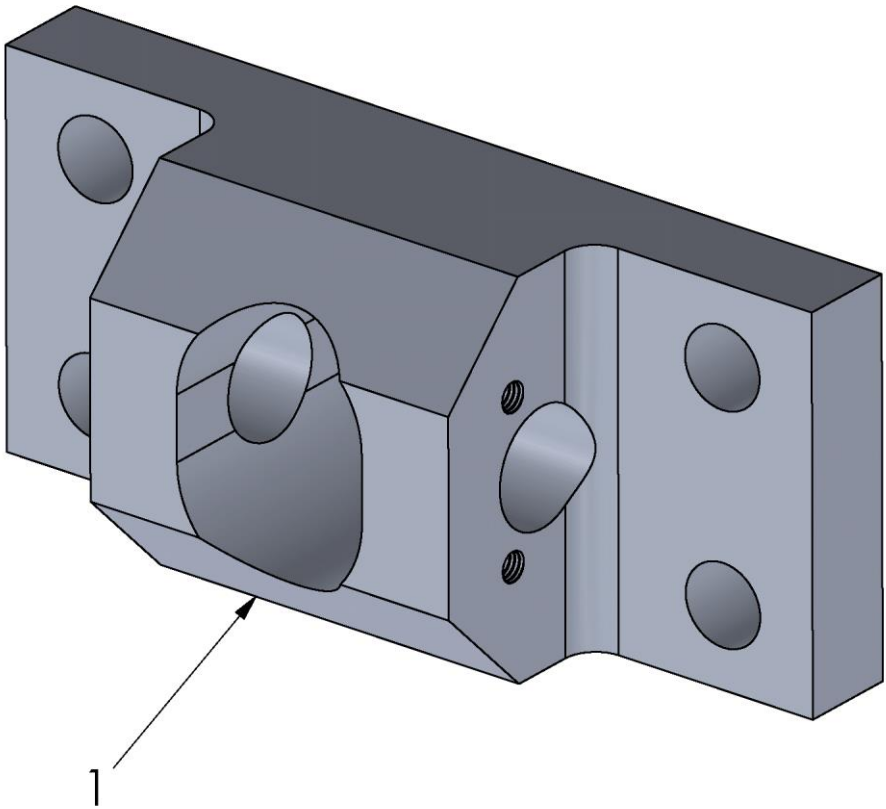
## 9. Vorschubzylinder / Feed cylinder





9.1. Lagerblock / Bearing block

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description  | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|-----------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                             |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| 1          | 1            | Lagerblock<br>Bearing block | VZA1LS1300101           | ULB-VZL-2000                  | ×                             | ×                                       | ✓                        |



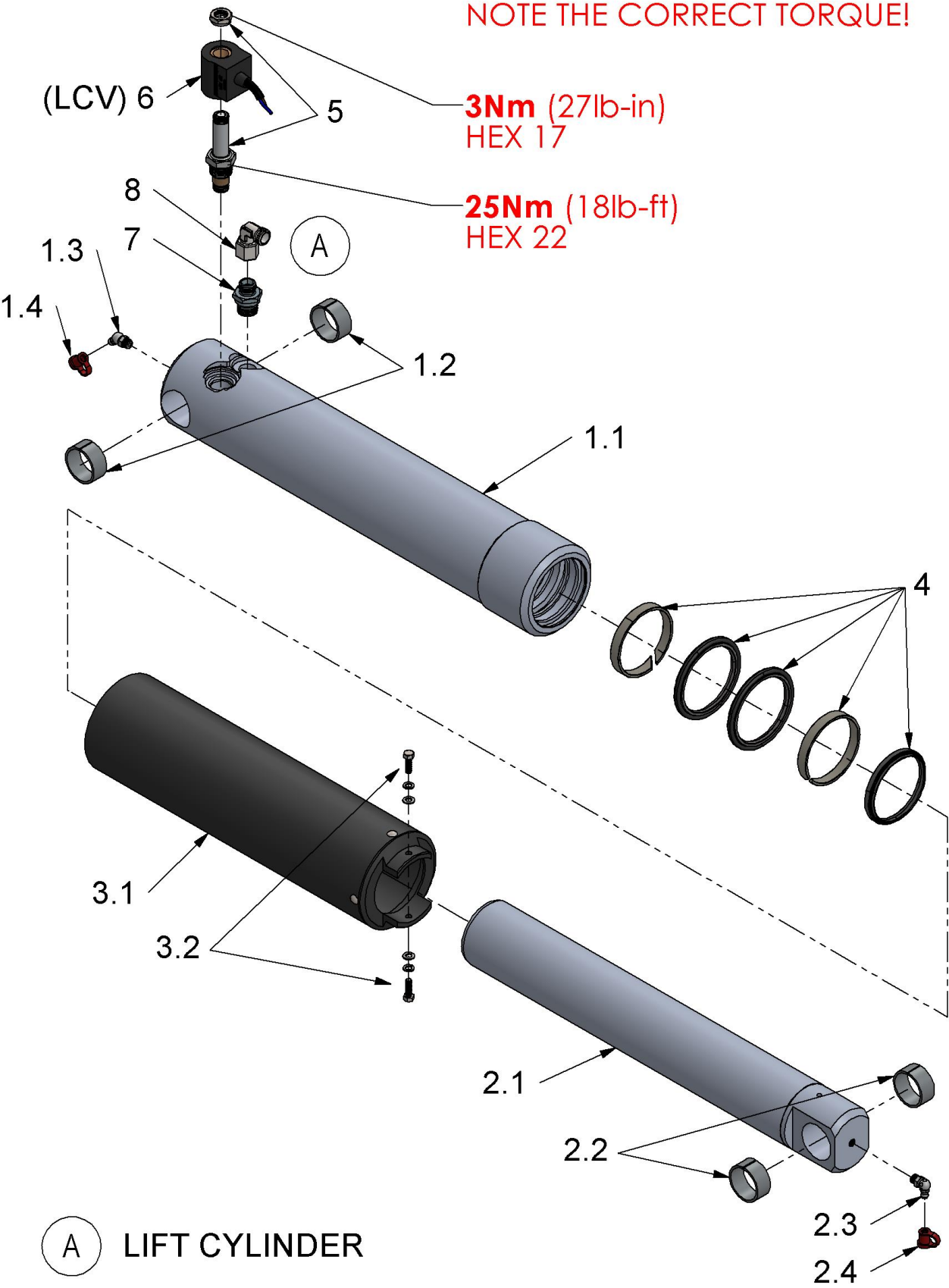
\* UGTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

## 10. Hubzylinder / Lift cylinder

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                    | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|-------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                               |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 2            | Hubzylinder; komplett<br><i>Lift cylinder; assembly</i>                       | ZHA0P60S1               | HZ-2000AL-60-E                | ×                             | ×                                       | ✓                        |
| 1          | 1            | Zylinderrohr; komplett (1.1, 1.2, 1.3, 1.4)<br><i>Cylinder tube; assembly</i> | ZHZHA1PE0200            |                               | ×                             | ×                                       | ✓                        |
| 1.1        | 1            | Zylinderrohr<br><i>Cylinder tube</i>                                          | ZHA1P0201               | HZ-2001-1                     | ×                             | ×                                       | ✓                        |
| 1.2        | 2            | Buchse DU3015<br><i>Bushing</i>                                               | K11000100               |                               | ×                             | ×                                       | ✓                        |
| 1.3        | 1            | Schmiernippel M8x1-45°<br><i>Grease fitting</i>                               | S141241000009           |                               | ✓                             | ✓                                       | ✓                        |
| 1.4        | 1            | Staubkappe für Schmiernippel<br><i>Cap for grease fitting</i>                 | S141241000099           |                               | ✓                             | ✓                                       | ✓                        |
| 2          | 1            | Kolbenstange; komplett (2.1, 2.2, 2.3, 2.4)<br><i>Piston rod; assembly</i>    | ZHA1P0300               |                               | ×                             | ×                                       | ✓                        |
| 2.1        | 1            | Kolbenstange<br><i>Piston rod</i>                                             | ZHA1P0301               | HZ-2000-2                     | ×                             | ×                                       | ✓                        |
| 2.2        | 2            | Buchse DU3015<br><i>Bushing</i>                                               | K11000100               |                               | ×                             | ×                                       | ✓                        |
| 2.3        | 1            | Schmiernippel M8x1-90°<br><i>Grease fitting</i>                               | S141241000011           |                               | ×                             | ✓                                       | ✓                        |
| 2.4        | 1            | Staubkappe für Schmiernippel<br><i>Cap for grease fitting</i>                 | S141241000099           |                               | ✓                             | ✓                                       | ✓                        |
| 3          | 1            | Kolbenschutz; komplett (3.1, 3.2)<br><i>Dust cover; assembly</i>              | ZHA1P0400               |                               | ×                             | ×                                       | ✓                        |
| 3.1        | 1            | Kolbenschutz<br><i>Dust cover</i>                                             | RMXRRX0062_340          | HZ-1500-3                     | ×                             | ×                                       | ✓                        |
| 3.2        | 2            | Sechskantschraube M5x16<br><i>Hexagon head screw</i>                          | S93381050016            |                               | ×                             | ×                                       | ✓                        |
|            | 2            | Scheibe M5<br><i>Flat washer</i>                                              | S12541053000            |                               | ✓                             | ✓                                       | ✓                        |
|            | 2            | Federring M5<br><i>Spring washer</i>                                          | S12741051002            |                               | ✓                             | ✓                                       | ✓                        |
| 4          | 1            | Dichtsatz<br><i>Seal kit</i>                                                  | DH0P60                  |                               | ×                             | ×                                       | ✓                        |
| 5          | 1            | 2/2-Wegeventil<br><i>2/2-Way valve</i>                                        | AT11400064              | MHW-C-10FP                    | ×                             | ✓                                       | ✓                        |
| 6          | 1            | Magnet mit Kabel 12V<br><i>Solenoid with cable</i>                            | AT11400208              | M33/K3500/12VDC/25W           | ×                             | ✓                                       | ✓                        |
| 7          | 1            | Gerade Einschraubverschraubung G3/8"-8L<br><i>Fitting</i>                     | RV10700006              |                               | ×                             | ×                                       | ✓                        |
| 8          | 1            | Winkelstück mit Mutter 8L<br><i>Elbow fitting with nut</i>                    | RV10700002              |                               | ✓                             | ✓                                       | ✓                        |

\* ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

10. Hubzylinder / Lift cylinder

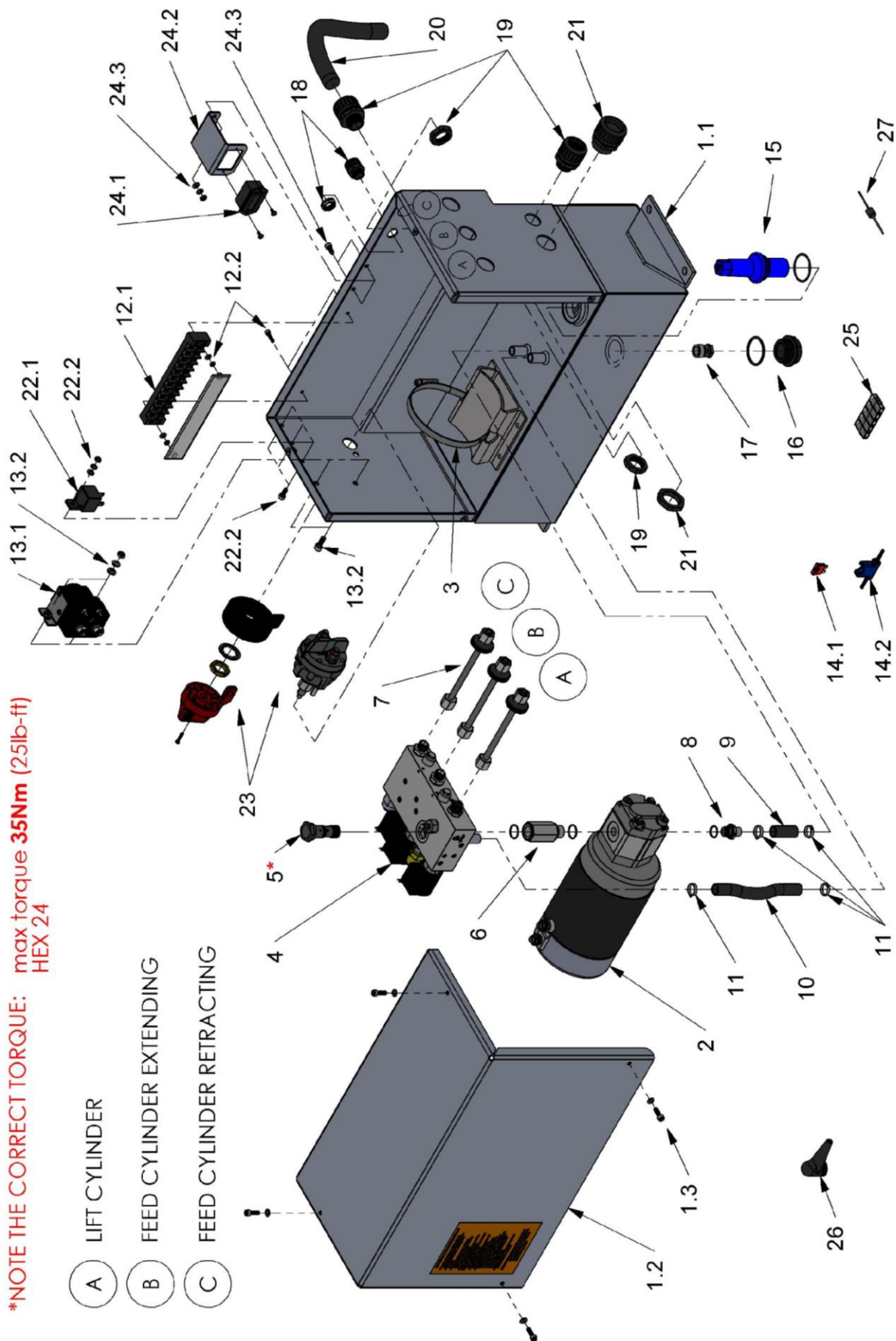


## 11. Hydraulikaggregat / Power pack

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                                     | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|------------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                                                |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 1            | Hydraulikaggregat 12V; komplett<br>Power pack; assembly                                        | 0PW1ULTK15B             | ULTK15B                       | ×                             | ×                                       | ✓                        |
| 1          | 1            | Aggregatgehäuse; komplett (1.1, 1.2, 1.3)<br>Power pack case; assembly                         | 0IK30390-0392           |                               | ×                             | ×                                       | ✓                        |
| 1.1        | 1            | Aggregatgehäuse<br>Power pack case                                                             | 0IK30390                | ULTK15B-1                     | ×                             | ×                                       | ✓                        |
| 1.2        | 1            | Aggregatgehäusedeckel<br>Cover for power pack                                                  | 0IK30392                | ULTK15B-2                     | ×                             | ×                                       | ✓                        |
| 1.3        | 4            | Innensechskantschraube, Niro M5x16<br>Allen key screw, stainless steel                         | 0KK10155A2              |                               | ✓                             | ✓                                       | ✓                        |
|            | 4            | Scheibe, Niro M5<br>Flat washer, stainless steel                                               | 0KK10606A2              |                               | ✓                             | ✓                                       | ✓                        |
| 2          | 1            | <a href="#">Motor Pumpeneinheit 12V; komplett</a><br><a href="#">Motor-Pump unit; assembly</a> | 0PG29016                | MHW-2000/1.60/12              | ×                             | ×                                       | ✓                        |
| 3          | 1            | Schlauchschelle ø100-120/12<br>Clamp                                                           | 0OK10040                |                               | ✓                             | ✓                                       | ✓                        |
| 4          | 1            | <a href="#">Ventilblock 12V; komplett</a><br><a href="#">Valve block; assembly</a>             | 0EK20807F12             | MHW-VB-327-M/12               | ✓                             | ✓                                       | ✓                        |
| 5          | 1            | Wechselventil<br>Shuttle valve                                                                 | 0FV21097                | MHW-WV-1FO                    | ✓                             | ✓                                       | ✓                        |
| 6          | 1            | Verbindungsstück<br>Adapter for shuttle valve                                                  | 0RK25235                | MHW-VS-KL1PG                  | ×                             | ×                                       | ✓                        |
| 7          | 3            | Hydraulik Rohr L=150mm<br>Hydraulic tube                                                       | 0XR10004_150            |                               | ✓                             | ✓                                       | ✓                        |
| 8          | 1            | Ansaugstutzen<br>Screw for suction tube                                                        | 0RK25080                | MHW-AS-KL1PG                  | ×                             | ×                                       | ✓                        |
| 9          | 1            | Ansaugschlauch ø13/20, L=45mm<br>Suction tube                                                  | 0OK10126_45             |                               | ×                             | ×                                       | ✓                        |
| 10         | 1            | Retourschlauch ø13/20, L=160mm<br>Return tube                                                  | 0OK10126_160            |                               | ×                             | ×                                       | ✓                        |
| 11         | 4            | Schlauchschelle ø12-22/9<br>Clamp                                                              | 0OK10006                |                               | ✓                             | ✓                                       | ✓                        |
| 12         | 1            | Klemmleiste; komplett (12.1, 12.2)<br>Cable connector; assembly                                | 0SK11220C               |                               | ×                             | ✓                                       | ✓                        |
| 12.1       | 1            | Klemmleiste 12-polig<br>Cable connector                                                        | 0SK11220                |                               | ×                             | ✓                                       | ✓                        |
| 12.2       | 2            | Innensechskantschraube M4x16<br>Allen key screw                                                | 0KK10067                |                               | ✓                             | ✓                                       | ✓                        |
|            | 2            | Scheibe M4<br>Flat washer                                                                      | 0KK10605                |                               | ✓                             | ✓                                       | ✓                        |
|            | 2            | Sechskantmutter M4<br>Hex nut                                                                  | 0KK10645                |                               | ✓                             | ✓                                       | ✓                        |

\* [ULTK-1000ST/AL: Frito Lay](#)  
[ULTK-1500ST/AL: NDA](#)

## 11. Hydraulikaggregat / Power pack

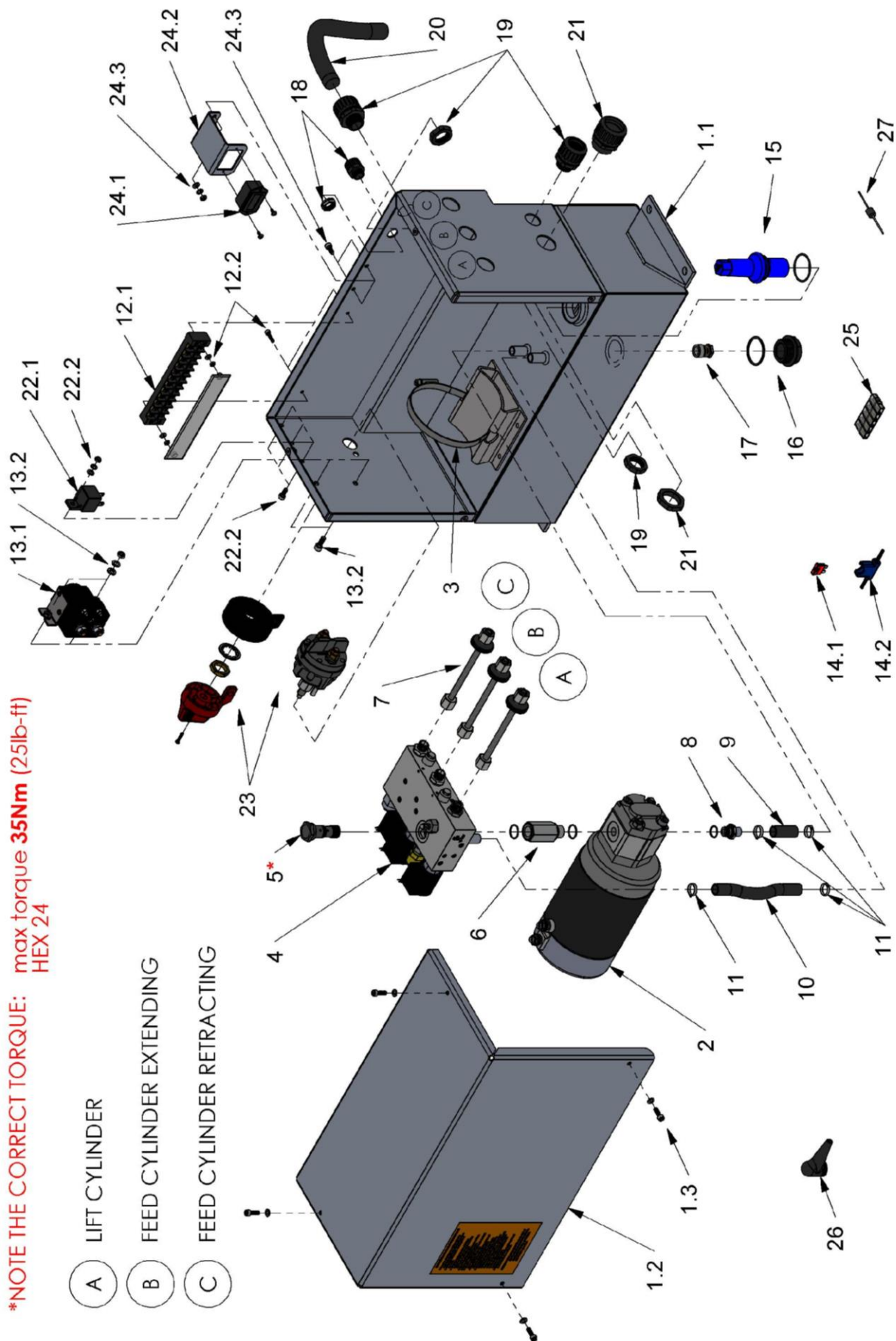


## 11. Hydraulikaggregat / Power pack

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                                  | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|---------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                                             |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| 13         | 1            | Magnetstartschalter; komplett (13.1, 13.2)<br><i>Starter switch; assembly</i>               | 0BK00002C               |                               | ✓                             | ✓                                       | ✓                        |
| 13.1       | 1            | Magnetstartschalter 12V JK102<br><i>Starter switch</i>                                      | 0BK00002                |                               | ✓                             | ✓                                       | ✓                        |
| 13.2       | 2            | Innensechskantschraube M6x16<br><i>Allen key screw</i>                                      | 0KK10255                |                               | ✓                             | ✓                                       | ✓                        |
|            | 2            | Scheibe M6<br><i>Flat washer</i>                                                            | 0KK10607                |                               | ✓                             | ✓                                       | ✓                        |
|            | 2            | Federring M6<br><i>Spring washer</i>                                                        | 0KK10687                |                               | ✓                             | ✓                                       | ✓                        |
|            | 2            | Sechskantmutter M6<br><i>Hex nut</i>                                                        | 0KK10647                |                               | ✓                             | ✓                                       | ✓                        |
| 14         | 1            | Flachstecksicherung; komplett (14.1, 14.2)<br><i>Fuse; assembly</i>                         | 0SK11177                |                               | ✓                             | ✓                                       | ✓                        |
| 14.1       | 1            | Flachstecksicherung 12V – 25A<br><i>Fuse</i>                                                | 0SK11177                |                               | ✓                             | ✓                                       | ✓                        |
| 14.2       | 1            | Sicherungshalter<br><i>Fuse holder</i>                                                      | 0SK11175                |                               | ✓                             | ✓                                       | ✓                        |
| 15         | 1            | Öleinfüller für Öltank G1"<br><i>Dipstick for oil reservoir</i>                             | 0UK00042K               |                               | ✓                             | ✓                                       | ✓                        |
| 16         | 1            | Ölablassschraube G1"<br><i>Oil drain plug</i>                                               | 0UK00049                |                               | ✓                             | ✓                                       | ✓                        |
| 17         | 1            | Ansaugfilter, austauschbar<br><i>Suction filter, changeable</i>                             | 0NK10001                | MHW-AFS-15.9/1                | ✓                             | ✓                                       | ✓                        |
| 18         | 1            | PG-9 Verschraubung für<br>Kaberschutzschlauch<br><i>Screwing for cable protection hose</i>  | 0SK10658                |                               | ✓                             | ✓                                       | ✓                        |
| 19         | 2            | PG-16 Verschraubung für<br>Kaberschutzschlauch<br><i>Screwing for cable protection hose</i> | 0SK10722                |                               | ✗                             | ✓                                       | ✓                        |
| 20         | 1            | Kaberschutzschlauch PG-16, L=350mm<br><i>Cable protection hose</i>                          | 0OK10140-350            |                               | ✗                             | ✓                                       | ✓                        |
| 21         | 1            | PG-21 Verschraubung für<br>Kaberschutzschlauch<br><i>Screwing for cable protection hose</i> | 0SK10726                |                               | ✓                             | ✓                                       | ✓                        |
| 22         | 3            | Würfelrelais; komplett (22.1, 22.2)<br><i>Cube-Relay; assembly</i>                          | 0SK11180C               |                               | ✓                             | ✓                                       | ✓                        |
| 22.1       | 3            | Würfelrelais 12V<br><i>Cube-Relay</i>                                                       | 0SK11180                |                               | ✓                             | ✓                                       | ✓                        |
| 22.2       | 3            | Innensechskantschraube M5x12<br><i>Allen key screw</i>                                      | 0KK10143                |                               | ✓                             | ✓                                       | ✓                        |
|            | 3            | Scheibe M5<br><i>Flat washer</i>                                                            | 0KK10606                |                               | ✓                             | ✓                                       | ✓                        |
|            | 3            | Federring M5<br><i>Spring washer</i>                                                        | 0KK10686                |                               | ✓                             | ✓                                       | ✓                        |
|            | 3            | Sechskantmutter M5<br><i>Hex nut</i>                                                        | 0KK10646                |                               | ✓                             | ✓                                       | ✓                        |
| 23         | 1            | Batterietrennschalter<br><i>Battery main switch</i>                                         | 0SK11500                |                               | ✗                             | ✗                                       | ✓                        |

\* ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

## 11. Hydraulikaggregat / Power pack



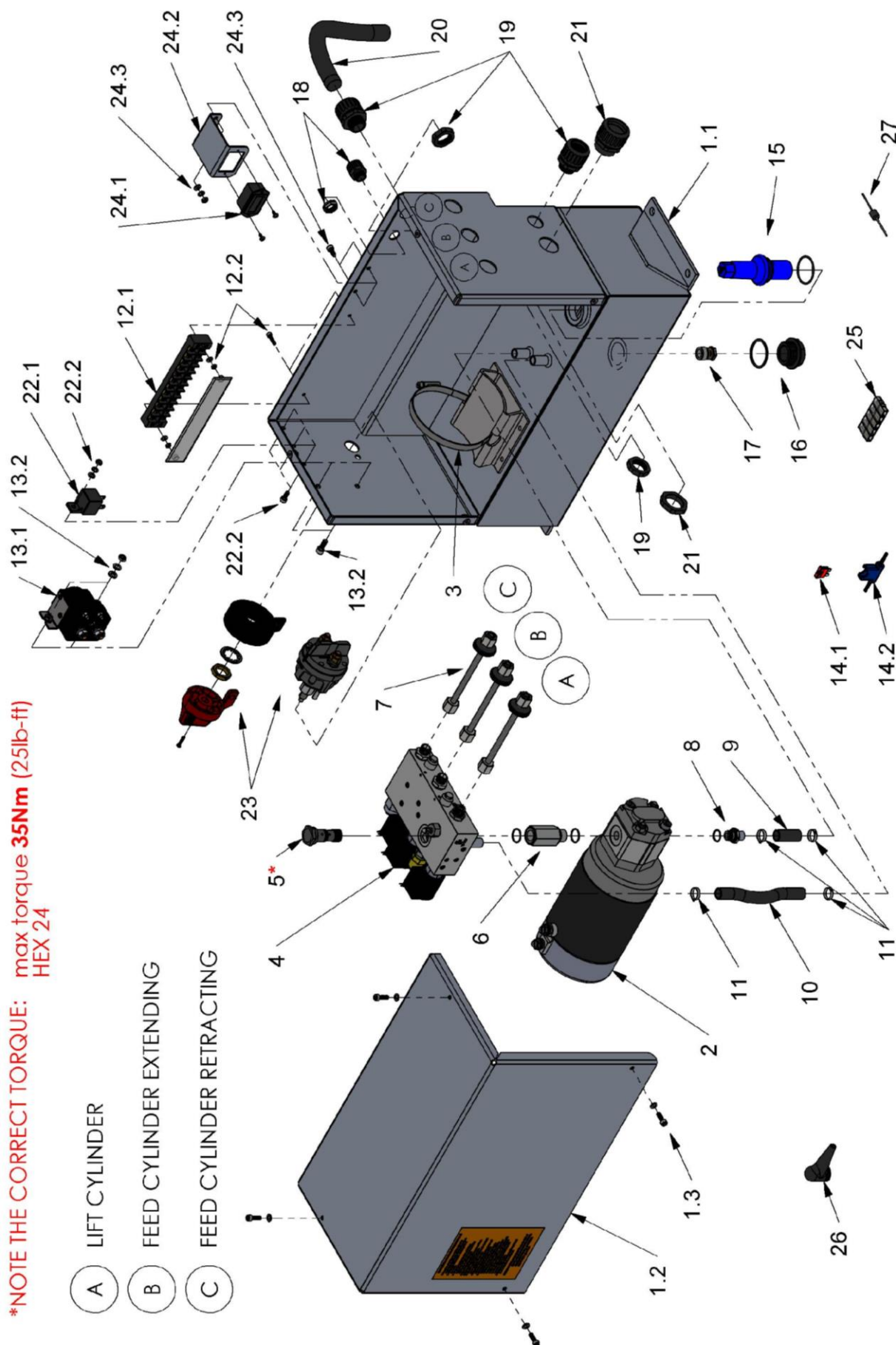
## 11. Hydraulikaggregat / Power pack

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                              | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|-------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                         |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| 24         | 1            | Zählwerk; komplett (24.1, 24.2, 24.3)<br><i>Cycle counter; assembly</i> | 0SK11505C               |                               | X                             | X                                       | ✓                        |
| 24.1       | 1            | Zählwerk<br><i>Cycle counter</i>                                        | 0SK11505                |                               | X                             | X                                       | ✓                        |
| 24.2       | 1            | Zählwerkhalter<br><i>Holder for cycle counter</i>                       | 0IK30397                | ULTK15B-5                     | X                             | X                                       | ✓                        |
| 24.3       | 2            | Innensechskantschraube M5x12<br><i>Allen key screw</i>                  | 0KK10143                |                               | X                             | X                                       | ✓                        |
|            | 2            | Scheibe M5<br><i>Flat washer</i>                                        | 0KK10606                |                               | X                             | X                                       | ✓                        |
|            | 2            | Federring M5<br><i>Spring washer</i>                                    | 0KK10686                |                               | X                             | X                                       | ✓                        |
|            | 2            | Sechskantmutter M5<br><i>Hex nut</i>                                    | 0KK10646                |                               | X                             | X                                       | ✓                        |
| 25         | 1            | Kabelverbinder 5-polig<br><i>Cable connector</i>                        | 0SK10215_5              |                               | ✓                             | ✓                                       | ✓                        |
| 26         | 6            | Polschutzkappe<br><i>Protection cap for pole</i>                        | 0UK90000                |                               | ✓                             | ✓                                       | ✓                        |
| 27**       | 4            | Diode D1-D4<br><i>Diode</i>                                             | 0SK10863C1-4            |                               | X                             | ✓                                       | ✓                        |
|            | 4            | Diode D6-D9<br><i>Diode</i>                                             | 0SK10863C6-9            |                               | X                             | ✓                                       | X                        |
|            | 1            | Diode D10<br><i>Diode</i>                                               | 0SK10863C10             |                               | X                             | ✓                                       | X                        |

\* ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

\*\* Siehe elektrischen Schaltplan  
See electrical schematic

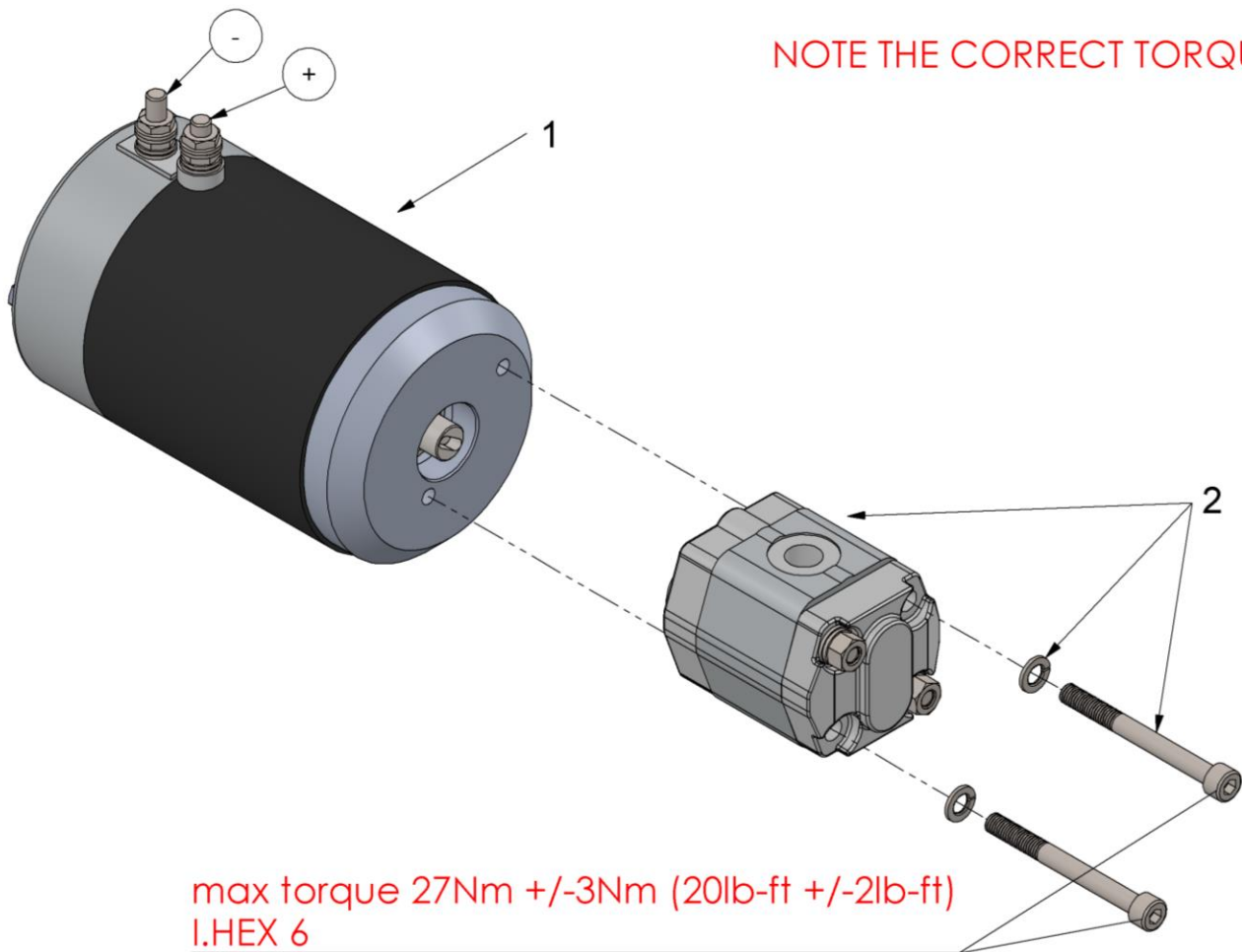
## 11. Hydraulikaggregat / Power pack



## 11. Hydraulikaggregat / Power pack

### Motor Pumpeneinheit / Motor-Pump unit

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                                                | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|-----------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                                                           |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 1            | Motor Pumpeneinheit 12V; komplett<br><i>Motor-Pump unit; assembly</i>                                     | 0PG29016                | MHW-2000/1.60/12              | ×                             | ×                                       | ✓                        |
| 1          | 1            | DC-Motor 12V – 2kW, mit Adapterscheibe<br>und Kupplung<br><i>DC-Motor, with adapter disc and coupling</i> | 0AK01025DCT             |                               | ×                             | ×                                       | ✓                        |
| 2          | 1            | Pumpe 1.6ccm, mit Schraube und Federring<br><i>Pump, with screws and spring washer</i>                    | 0CK06089SF              | MHW10AR1.6                    | ×                             | ×                                       | ✓                        |



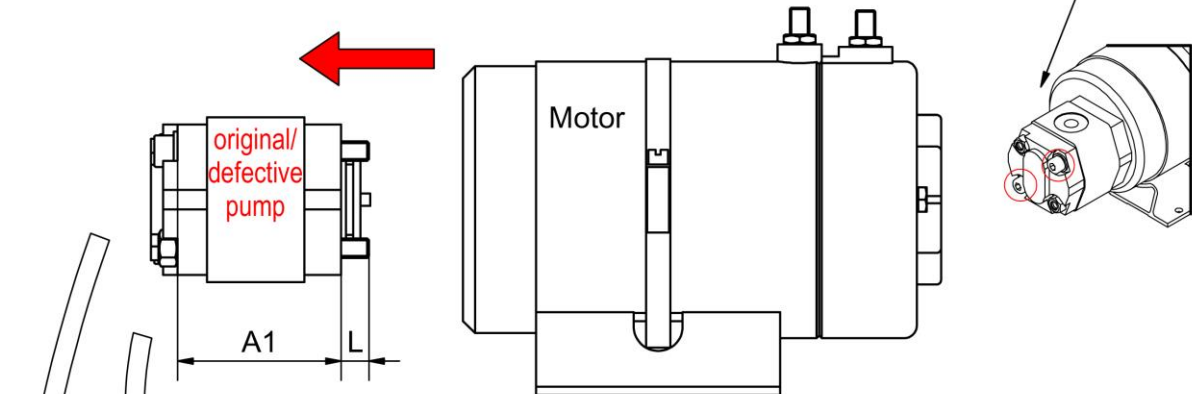
\* ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

## 11. Hydraulikaggregat / Power pack

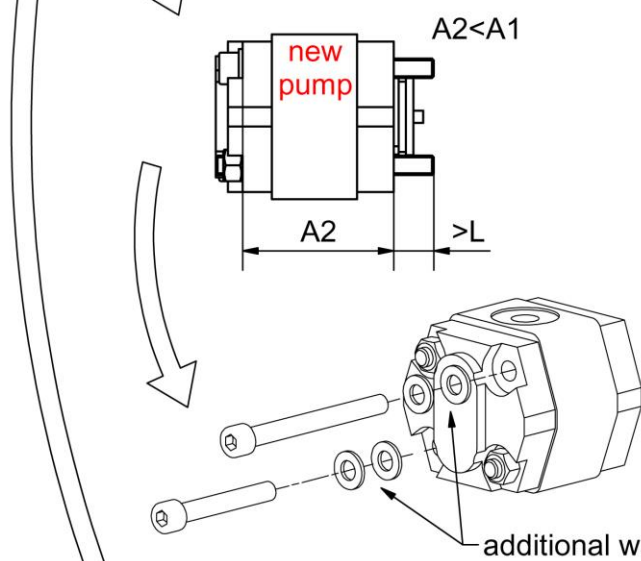
### Anleitung zum Pumpentausch / How to change the hydraulic pump

#### HOW TO CHANGE THE HYDRAULIC PUMP

- Remove the 2 screws to dismantle the original/defective pump.



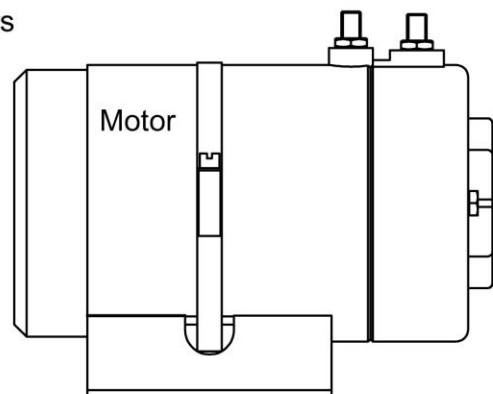
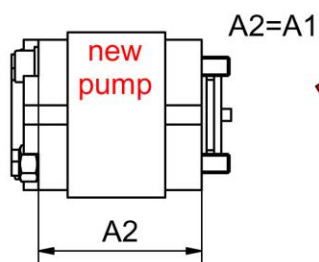
- If new and original/defective pump are not the same type, compare the measurement "A2" of new and the measurement "A1" of original/defective pump.



- If "A2" of the new pump is shorter than "A1" of the original/defective pump, additional washers must be placed to get the right screw length.

**- ATTENTION: If measurement "L" is too long, the pump will not tighten on the motor. The new pump will be destroyed again!**

- If the screw length is correct, mount the new pump.

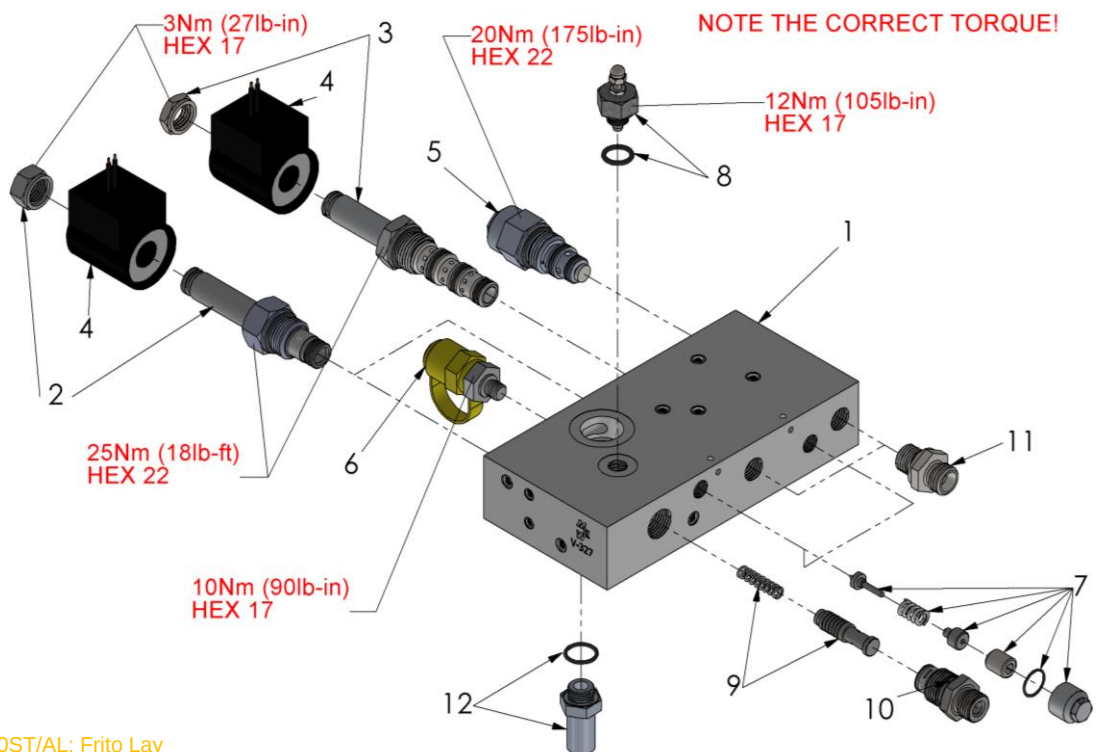




# 11. Hydraulikaggregat / Power pack

## Ventilblock VB-327 / Valve Block VB-327

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                                 | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|--------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                                            |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 1            | Ventilblock 12V; komplett<br>Valve block; assembly                                         | 0EK20807F12             | MHW-VB-327-M/12               | ✓                             | ✓                                       | ✓                        |
| 1          | 1            | Ventilblock<br>Valve block                                                                 | 0EK20807                | MHW-VB-327                    | ✓                             | ✓                                       | ✓                        |
| 2          | 2            | 2/2-Wegeventil<br>2/2-Way valve                                                            | 0FV20097K               | MHW-C-30FP-300                | ✓                             | ✓                                       | ✓                        |
| 3          | 1            | 4/2-Wegeventil<br>4/2-Way valve                                                            | 0FV20241                | MHW-C-70F                     | ✓                             | ✓                                       | ✓                        |
| 4          | 3            | Magnet mit Litzen 12V<br>Solenoid with dual leads                                          | 0GK01001                | M33/L300/12VDC/25W            | ✓                             | ✓                                       | ✓                        |
| 5          | 1            | Gesteuertes Rückschlagventil<br>Pilot check valve                                          | 0FV21061                | MHW-GRSV-BG1                  | ✓                             | ✓                                       | ✓                        |
| 6          | 1            | Messanschluss<br>Test point plug                                                           | AT11400077              | MHW-MM8x1                     | ✓                             | ✓                                       | ✓                        |
| 7          | 2            | Sicherheitsventil<br>Relief valve                                                          | 0FV21067                | MHW-SV7x1                     | ✓                             | ✓                                       | ✓                        |
| 8          | 1            | Einstellbare Drosselschraube<br>Adjustable throttle                                        | 0FV20910                | MHW-EDS-01                    | ✓                             | ✓                                       | ✓                        |
| 9          | 1            | Regelkolben und Feder für<br>Mengenregelventil<br>Piston and spring for flow control valve | 0FV21130                | MHW-EMRV-5SB                  | ✓                             | ✓                                       | ✓                        |
| 10         | 1            | Gerade Einschraubverschraubung mit Filter<br>Straight fitting with filter                  | RV10700009              | DFV-GE-G3/8" / 8              | ✓                             | ✓                                       | ✓                        |
| 11         | 2            | Gerade Einschraubverschraubung G1/4"-8L<br>Straight fitting                                | 0JK10041                |                               | ✓                             | ✓                                       | ✓                        |
| 12         | 1            | Adapter für Retourleitung<br>Adapter, return                                               | 0RK25056                | MHW-RS-M12x1                  | ✓                             | ✓                                       | ✓                        |

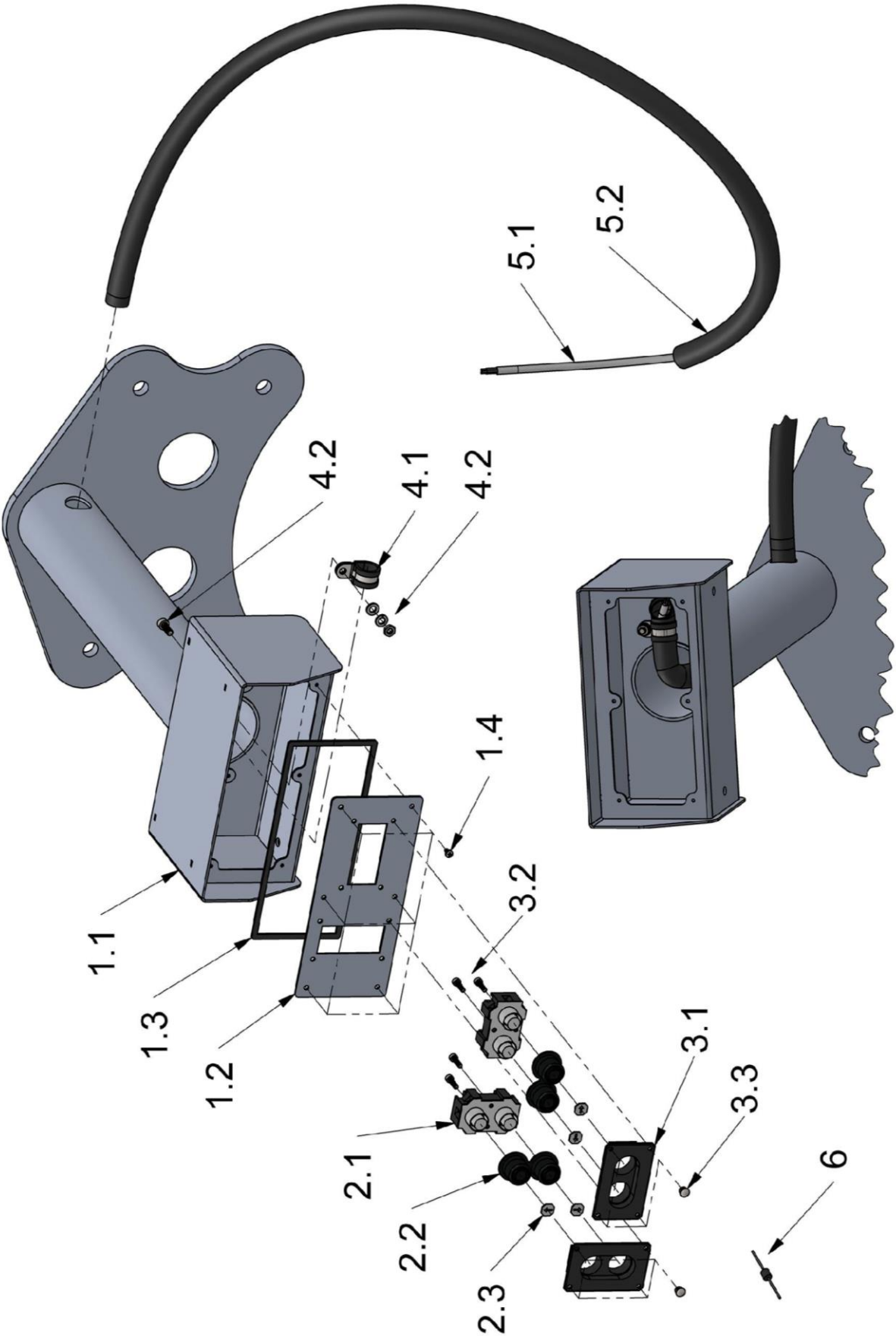


\* ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

## 12. Steuerbox / Control box

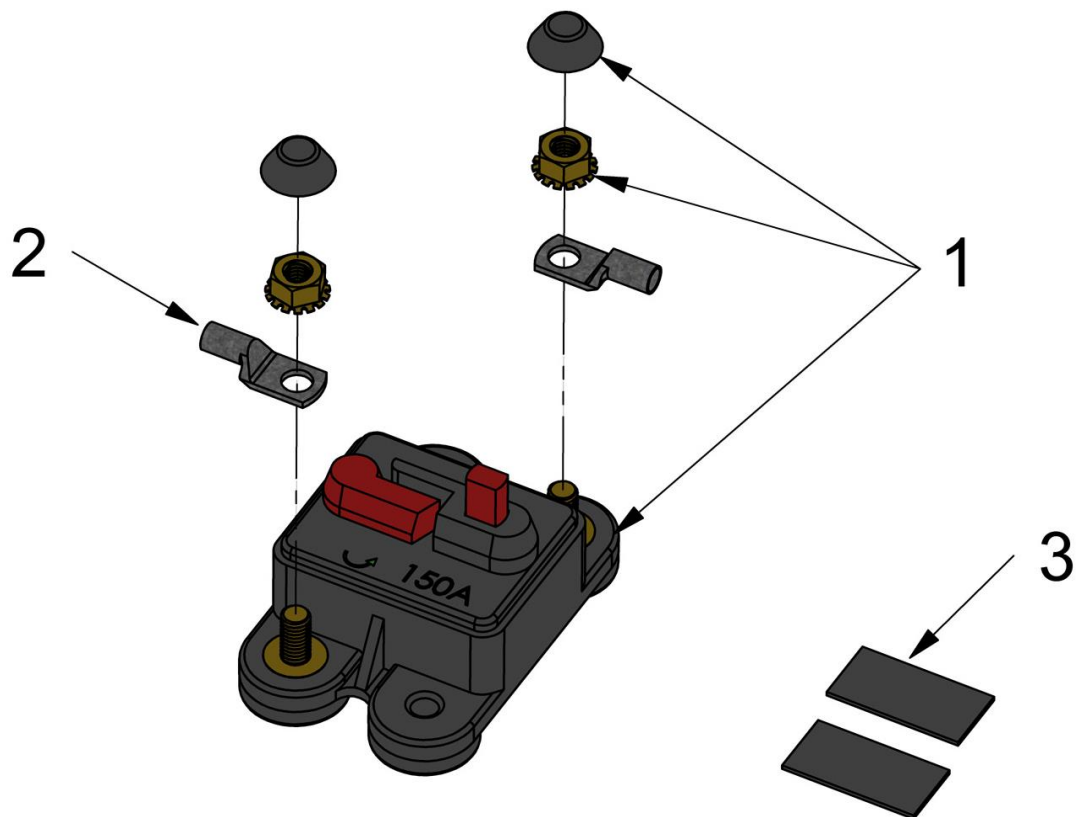
| Nr.<br>No.                                                                                                             | Stk.<br>Pcs. | Bezeichnung<br>Description                                                               | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|                                                                                                                        |              |                                                                                          |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -                                                                                                                      | 1            | Steuerbox; komplett<br>Control box; assembly                                             | EA111501025             | ULTK-1500AL-11K               | ×                             | ×                                       | ✓                        |
| 1                                                                                                                      | 1            | Steuerboxgehäuse; komplett (1.1, 1.2, 1.3, 1.4)<br>Control box housing; assembly         | EA111501005C            |                               | ×                             | ×                                       | ✓                        |
| 1.1                                                                                                                    | 1            | Steuerboxgehäuse<br>Control box housing                                                  | EA111501005             | ULTK-1500AL-11                | ×                             | ×                                       | ✓                        |
| 1.2                                                                                                                    | 1            | Druckknopfblech<br>Plate for buttons                                                     | EA111501010             | ULTK-1500AL-11.3              | ×                             | ×                                       | ✓                        |
| 1.3                                                                                                                    | 1            | Dichtung<br>Seal                                                                         | EA111501015             |                               | ×                             | ×                                       | ✓                        |
| 1.4                                                                                                                    | 6            | Linsenblechschraube mit Kreuzschlitz<br>3,9x9,5<br>Cross recessed pan head tapping screw | S798151039095           |                               | ×                             | ×                                       | ✓                        |
| 2                                                                                                                      | 2            | Kontaktelement; komplett (2.1, 2.2, 2.3)<br>Contact block; assembly                      | 0SK18530                |                               | ✓                             | ✓                                       | ✓                        |
| 2.1                                                                                                                    | 2            | Kontaktelement<br>Contact block                                                          | 0SK18545K               | MHW-2KSM-2002                 | ✓                             | ✓                                       | ✓                        |
| 2.2                                                                                                                    | 2            | Schutzkappe<br>Protective cover, rubber                                                  | 0SK18542                | MHW-2KSM-2002-4               | ✓                             | ✓                                       | ✓                        |
| 2.3                                                                                                                    | 4            | Schild mit Pfeil<br>Label with arrow                                                     | 0SK13100                | MHW-2KSM-2002-6               | ✓                             | ✓                                       | ✓                        |
| 3                                                                                                                      | 2            | Versenkung für Kontaktblock; komplett (3.1, 3.2, 3.3)<br>Recessed cover for push button  | 0RK71031KC              |                               | ✓                             | ✓                                       | ✓                        |
| 3.1                                                                                                                    | 2            | Versenkung für Kontaktblock<br>Recessed cover for push button                            | 0RK71031K               | MHW-KEK-2D                    | ✓                             | ✓                                       | ✓                        |
| 3.2                                                                                                                    | 4            | Innensechskantschraube M4x16<br>Allen key screw                                          | 0KK10067                |                               | ✓                             | ✓                                       | ✓                        |
| 3.3                                                                                                                    | 8            | Niete ø4x8<br>Rivet                                                                      | S093748005500           |                               | ✓                             | ✓                                       | ✓                        |
| 4                                                                                                                      | 1            | Schelle; komplett (4.1, 4.2)<br>Clamp; assembly                                          | EA111500182             |                               | ×                             | ×                                       | ✓                        |
| 4.1                                                                                                                    | 1            | Schelle RSGU20<br>Clamp                                                                  | EA111500182             |                               | ×                             | ×                                       | ✓                        |
| 4.2                                                                                                                    | 1            | Innensechskantschraube M6x20<br>Allen key screw                                          | S91281060020            |                               | ×                             | ×                                       | ✓                        |
|                                                                                                                        | 1            | Scheibe M6<br>Flat washer                                                                | S12541064000            |                               | ×                             | ×                                       | ✓                        |
|                                                                                                                        | 1            | Federring M6<br>Spring washer                                                            | S12741061002            |                               | ×                             | ×                                       | ✓                        |
|                                                                                                                        | 1            | Sechskantmutter M6<br>Hex nut                                                            | S93481060000            |                               | ×                             | ×                                       | ✓                        |
| 5                                                                                                                      | 1            | Kabel; komplett (6.1, 6.2)<br>Cable; assembly                                            | EA111509030             |                               | ×                             | ×                                       | ✓                        |
| 5.1                                                                                                                    | 1            | 6-poliges Kabel L=4m<br>6-pole cable                                                     | EA111500127_4000        |                               | ×                             | ×                                       | ✓                        |
| 5.2                                                                                                                    | 1            | Kabelschutzschlauch PG-16, L=3,3m<br>Cable protection hose                               | Ea111500166_3300        |                               | ×                             | ×                                       | ✓                        |
| 6**                                                                                                                    | 1            | Diode mit Kabel D5<br>Diode with cable                                                   | 0SK10863C               |                               | ✓                             | ✓                                       | ✓                        |
| * ULTK-1000ST/AL: Frito Lay<br>ULTK-1500ST/AL: NDA<br><br>** Siehe elektrischen Schaltplan<br>See electrical schematic |              |                                                                                          |                         |                               |                               |                                         |                          |

12. Steuerbox / Control box



### 13. Sicherungsautomat / Circuit breaker

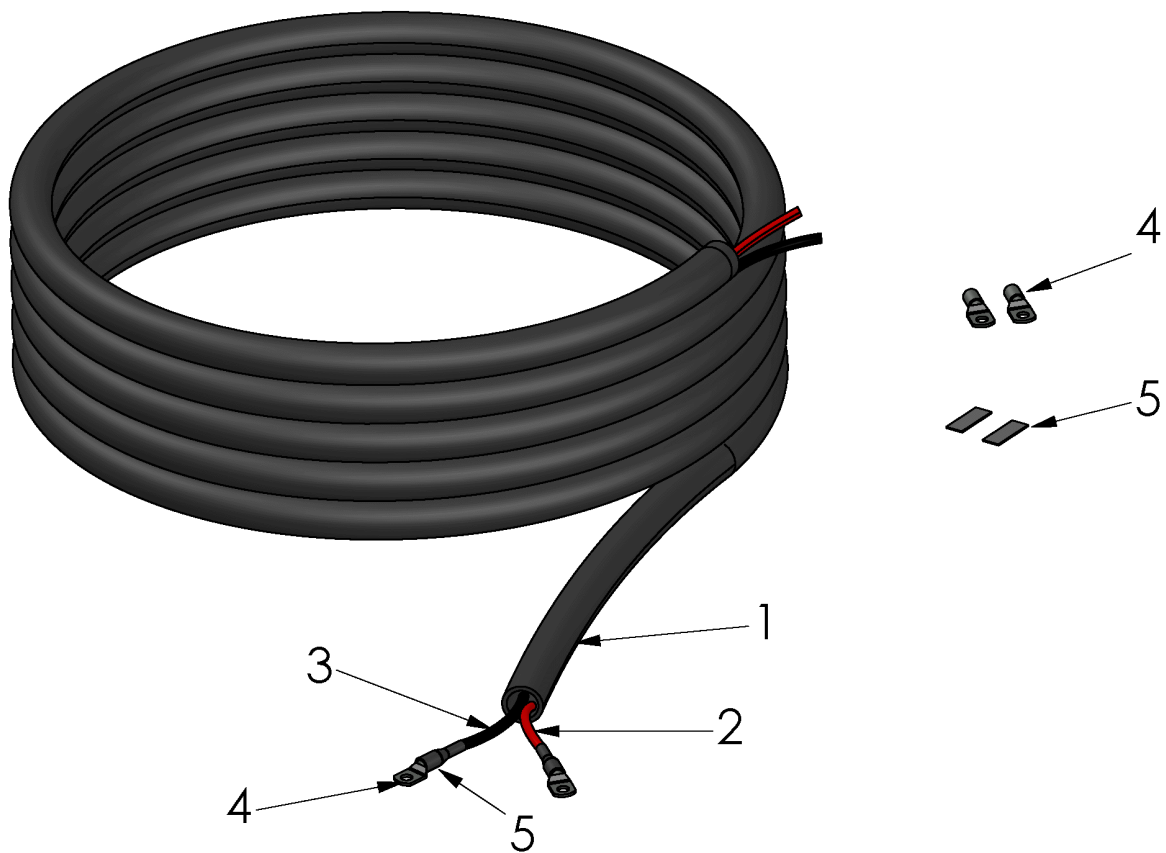
| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                               | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|----------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                          |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 1            | Sicherungsautomat; komplett<br>Circuit breaker; assembly | 0SK11510C               |                               | ✓                             | ✓                                       | ✓                        |
| 1          | 1            | Sicherungsautomat 150A<br>Circuit breaker                | 0SK11510                |                               | ✓                             | ✓                                       | ✓                        |
| 2          | 2            | Kabelschuh 35mm² ø8<br>Cable lug                         | EA111500102             |                               | ✓                             | ✓                                       | ✓                        |
| 3          | 2            | Schrumpfschlauch L=35mm<br>Shrinking tube                | EA111501137_35          |                               | ✓                             | ✓                                       | ✓                        |



\* ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

## 14. Stromversorgungskabel / Power supply cable

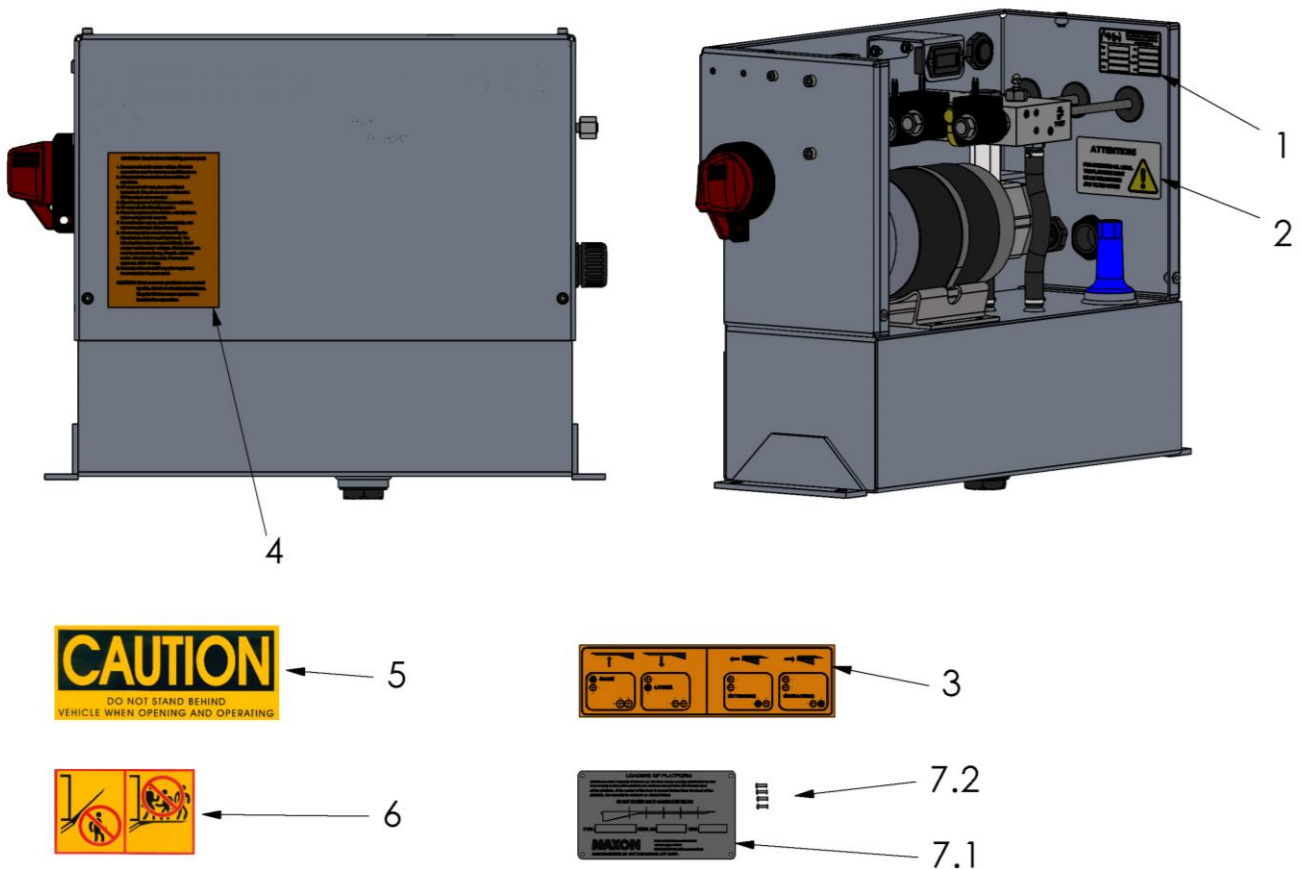
| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                      | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|-----------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                 |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| -          | 1            | Stromversorgungskabel; komplett<br>Power supply cable; assembly | EA11509020              |                               | ×                             | ×                                       | ✓                        |
| 1          | 1            | Kabelschutzschlauch PG-21, L=12,5m<br>Cable protection hose     | EA111500167_12500       |                               | ×                             | ×                                       | ✓                        |
| 2          | 1            | Kabel rot (+) 35mm², L=13m<br>Cable red                         | EA111500134_13000       |                               | ×                             | ×                                       | ✓                        |
| 3          | 1            | Kabel schwarz (-) 35mm², L=13m<br>Cable black                   | EA111500080_13000       |                               | ×                             | ×                                       | ✓                        |
| 4          | 4            | Kabelschuh 35mm² ø8<br>Cable lug                                | EA111500102             |                               | ✓                             | ✓                                       | ✓                        |
| 5          | 4            | Schrumpfschlauch L=35mm<br>Shrinking tube                       | EA111501137_35          |                               | ✓                             | ✓                                       | ✓                        |



\* ULTK-1000ST/AL: Frito Lay  
ULTK-1500ST/AL: NDA

## Aufkleber / Label

| Nr.<br>No. | Stk.<br>Pcs. | Bezeichnung<br>Description                                                                       | Artikel Nr.<br>Part No. | Zeichnungs Nr.<br>Drawing No. | passend für*<br>suitable for* |                                         |                          |
|------------|--------------|--------------------------------------------------------------------------------------------------|-------------------------|-------------------------------|-------------------------------|-----------------------------------------|--------------------------|
|            |              |                                                                                                  |                         |                               | ULTK-1000<br>10133-10147      | ULTK-1000<br>10412-10416<br>10441-10450 | ULTK-1500<br>10473-10492 |
| 1          | 1            | Aggregataufkleber<br>Power pack label                                                            | OVK18015                |                               | ×                             | ×                                       | O**                      |
| 2          | 1            | Aufkleber - Ölstandkontrolle<br>Label - Oil check                                                | OVK18070                |                               | ✓                             | ✓                                       | ✓                        |
| 3          | 1            | Aufkleber - Bedienung<br>Label - Operation                                                       | OVK18008                |                               | ✓                             | ✓                                       | ✓                        |
| 4          | 1            | Aufkleber - Beachten vor Inbetriebnahme<br>Label - Read before installing power pack             | OVK18011                |                               | ✓                             | ✓                                       | ✓                        |
| 5          | 1            | Aufkleber - Achtung: Gefahrenbereich<br>beachten<br>Label - Caution: Do not stand behind vehicle | K11000192               |                               | ✓                             | ✓                                       | ✓                        |
| 6          | 1            | Aufkleber - Tanzende Männer<br>Label - Dancing men                                               | K11000307               |                               | ✓                             | ✓                                       | ✓                        |
| 7          | 1            | Typenschild; komplett (7.1, 7.2)<br>Name plate; assembly                                         | K11000217C              |                               | ✓                             | ✓                                       | ✓                        |
| 7.1        | 1            | Typenschild (leer)<br>Name plate (blank)                                                         | K11000217               |                               | ✓                             | ✓                                       | ✓                        |
| 7.2        | 4            | Niete ø3x12<br>Rivet                                                                             | S200039030120           |                               | ✓                             | ✓                                       | ✓                        |



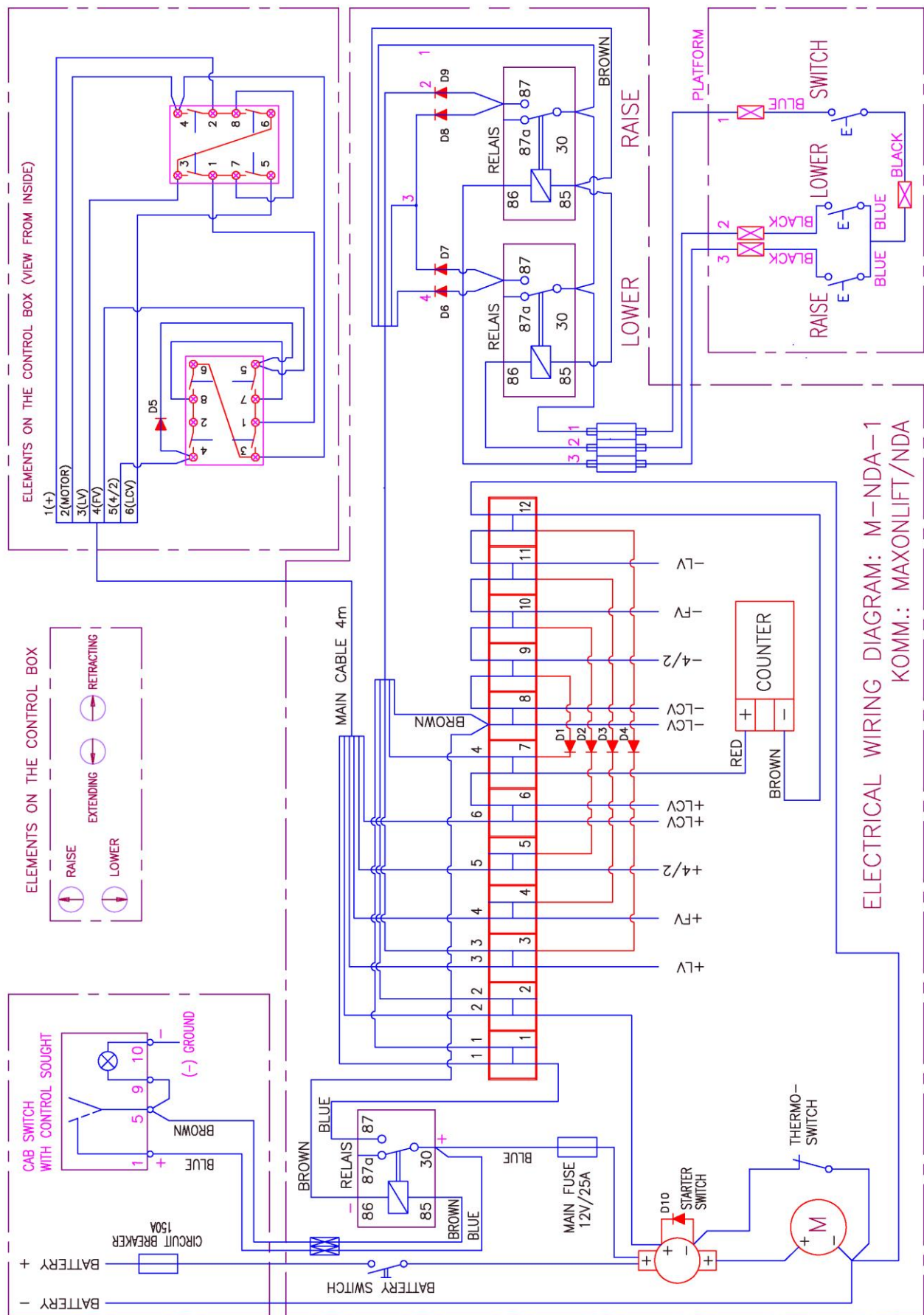
\* ULTK-1000ST/AL: Frito Lay  
 \* ULTK-1500ST/AL: NDA

\*\* Seriennummer spezifisch  
 \*\* Serial number specific



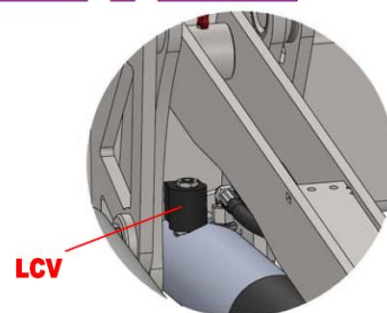
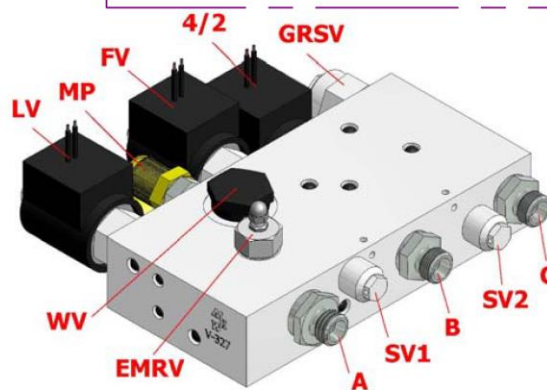
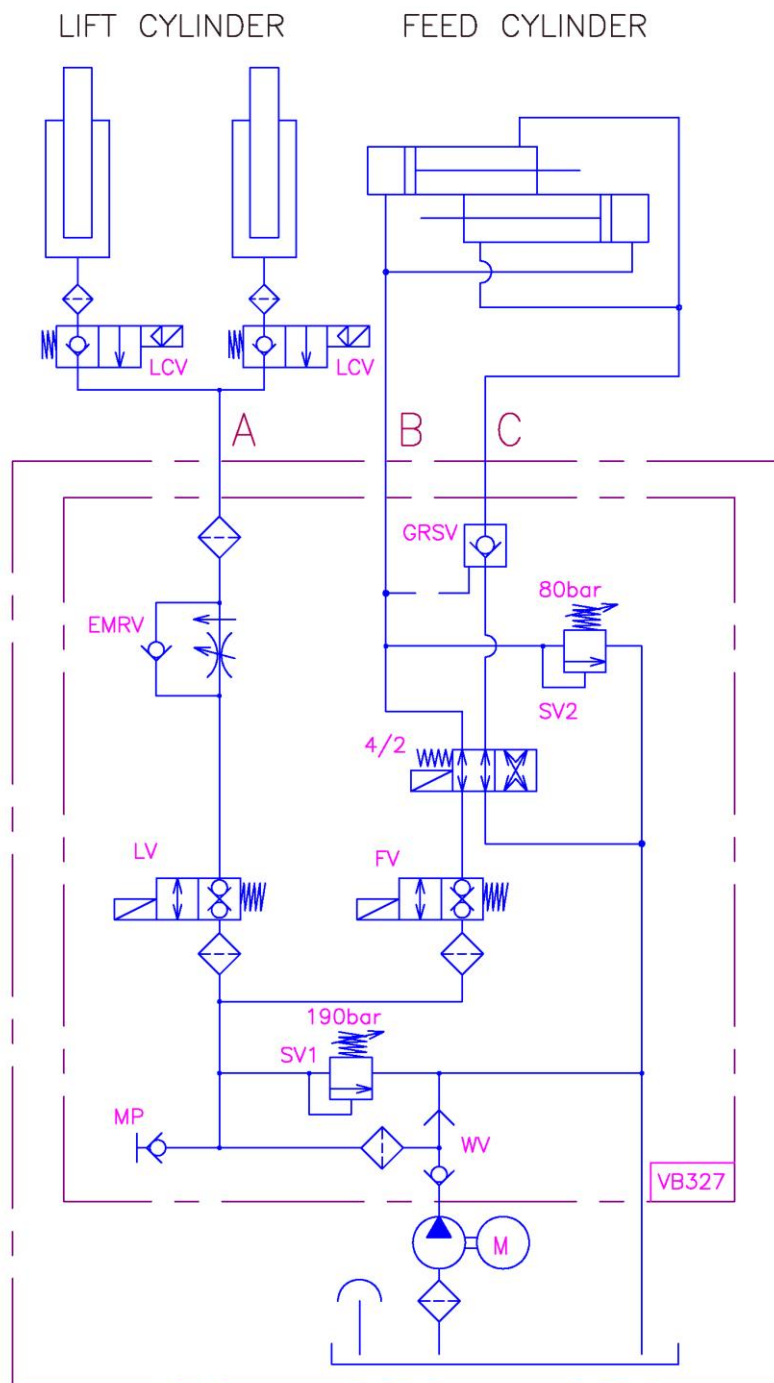
# Elektrischer Schaltplan / Electrical schematic

## Im Aggregat / Inside the power pack



ELECTRICAL WIRING DIAGRAM: M-ND-1  
KOMM.: MAXONLIFT/ND-1

# Hydraulischer Schaltplan / Hydraulic schematic Im Aggregat / Inside the power pack



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