

**Wood-Mizer® Industrial Resaw  
Parts Manual**

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**SLPT-016-MR6000**

**rev. A1.00**

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***Safety is our #1 concern!***

*Form #2532*



**WARNING! Read and understand this  
manual before using this machine.**

**California**  
Proposition 65 Warning



**WARNING:** Breathing gas/diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- ☐ Always start and operate the engine in a well-ventilated area.
- ☐ If in an enclosed area, vent the exhaust to the outside.
- ☐ Do not modify or tamper with the exhaust system.
- ☐ Do not idle the engine except as necessary.

For more information go to **[www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)**.



**WARNING:** Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection.

For more information go to **[www.P65Warnings.ca.gov/wood](http://www.P65Warnings.ca.gov/wood)**.

### **Active Patents assigned to Wood-Mizer, LLC**

Wood-Mizer, LLC has received patents that protect our inventions which are a result of a dedication to research, innovation, development, and design. Learn more at: [woodmizer.com/patents](http://woodmizer.com/patents)

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**Indianapolis, Indiana 46214**

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# SECTION 1 REPLACEMENT PARTS

## 1.1 How To Use The Parts List

- Use the table of contents to locate the assembly that contains the part you need.
- Go to the appropriate section and locate the part in the illustration.
- Use the number pointing to the part to locate the correct part number and description in the table.
- Parts shown indented under another part are included with that part.

### To Order Parts

- From the continental US, call **1-800-525-8100** to order parts. Have your customer number, vehicle identification number, and part numbers ready when you call.
- From other international locations, contact the Wood-Mizer distributor in your area for parts.

## 1.2 Sample Assembly

| REF | PART #    | DESCRIPTION                 | COMMENTS           | QTY. |
|-----|-----------|-----------------------------|--------------------|------|
|     | 012345    | SAMPLE ASSEMBLY, COMPLETE   | INCLUDES ITEMS 1-6 | 1    |
| 1   | F02222-22 | Sample Part                 |                    | 1    |
| 2   | F03333-33 | Sample Part                 |                    | 2    |
|     | 098765    | Sample Subassembly          | Includes items 3-6 | 1    |
| 3   | S04444-44 | Subassembly Sample Part     |                    | 1    |
| 4   | K55555    | Subassembly Sample Part     |                    | 1    |
|     | 054321    | Sample Sub-Subassembly      | Includes items 5-6 | 2    |
| 5   | 022222    | Sub-Subassembly Sample Part |                    | 1    |
| 6   | F10234-56 | Sub-Subassembly Sample Part |                    | 1    |

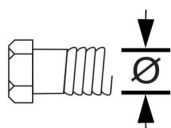
The Sample Assembly, Complete, part number 02345 (top level assembly) includes two parts (F0222-22 and F0333-33) and the 098765 subassembly.

Subassembly 098765 contains two parts(S04444-44 and K55555) and two copies of sub-subassembly 054321.

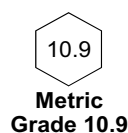
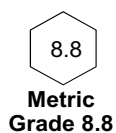
Each sub-subassembly 054321 contains two parts (022222 and F10234-56).

## 1.3 Torque Values

| Grade      |                 | Units       | SAE 5                                                                              | SAE 8                                                                               |
|------------|-----------------|-------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Grade Mark |                 |             |  |  |
| Bolt Dia.  | Threads Per In. | Units       | SAE 5                                                                              | SAE 8                                                                               |
| 6          | 32              | in-lbs (Nm) | 20 (2.3)                                                                           | -                                                                                   |
| 8          | 32              | in-lbs (Nm) | 24 (2.7)                                                                           | 30 (3.4)                                                                            |
| 10         | 24              | in-lbs (Nm) | 35 (4.0)                                                                           | 45 (5.1)                                                                            |
| 10         | 32              | in-lbs (Nm) | 40 (4.5)                                                                           | 50 (5.7)                                                                            |
| 12         | 24              | in-lbs (Nm) | 50 (5.7)                                                                           | 65 (7.3)                                                                            |
| 1/4        | 20              | in-lbs (Nm) | 95 (10.7)                                                                          | 125 (14.1)                                                                          |
| 1/4        | 28              | in-lbs (Nm) | 95 (10.7)                                                                          | 150 (17.0)                                                                          |
| 5/16       | 18              | ft-lbs (Nm) | 17 (22.6)                                                                          | 23 (31.2)                                                                           |
| 5/16       | 24              | ft-lbs (Nm) | 20 (27.1)                                                                          | 25 (33.8)                                                                           |
| 3/8        | 16              | ft-lbs (Nm) | 30 (40.7)                                                                          | 40 (54.2)                                                                           |
| 3/8        | 24              | ft-lbs (Nm) | 35 (47.5)                                                                          | 45 (61.0)                                                                           |
| 7/16       | 14              | ft-lbs (Nm) | 50 (67.8)                                                                          | 65 (88.1)                                                                           |
| 7/16       | 20              | ft-lbs (Nm) | 55 (74.6)                                                                          | 70 (94.9)                                                                           |
| 1/2        | 13              | ft-lbs (Nm) | 75 (101.7)                                                                         | 100 (135.6)                                                                         |
| 1/2        | 20              | ft-lbs (Nm) | 85 (115.3)                                                                         | 110 (149.2)                                                                         |
| 9/16       | 12              | ft-lbs (Nm) | 105 (142.4)                                                                        | 135 (183.1)                                                                         |
| 9/16       | 18              | ft-lbs (Nm) | 115 (155.9)                                                                        | 150 (203.4)                                                                         |
| 5/8        | 11              | ft-lbs (Nm) | 150 (203.4)                                                                        | 195 (264.4)                                                                         |
| 5/8        | 18              | ft-lbs (Nm) | 160 (217.0)                                                                        | 210 (284.8)                                                                         |
| 3/4        | 10              | ft-lbs (Nm) | 170 (230.5)                                                                        | 220 (298.3)                                                                         |
| 3/4        | 16              | ft-lbs (Nm) | 175 (237.3)                                                                        | 225 (305.1)                                                                         |
| 7/8        | 9               | ft-lbs (Nm) | 302 (409.5)                                                                        | 473 (640.9)                                                                         |
| 7/8        | 14              | ft-lbs (Nm) | 300 (406.8)                                                                        | 400 (542.4)                                                                         |
| 1          | 8               | ft-lbs (Nm) | 466 (631.8)                                                                        | 714 (967.4)                                                                         |



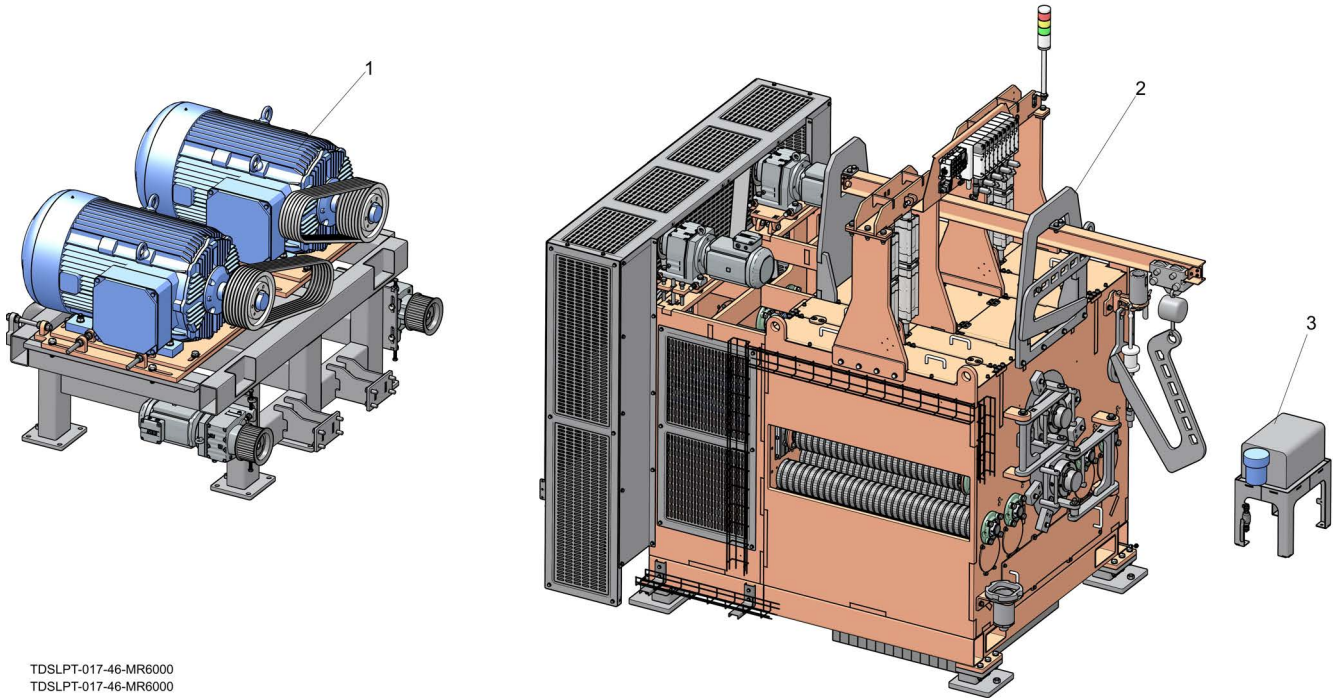
Metric Bolt Head  
Identification



| COARSE THREAD                 |            |        |             |        | FINE THREAD                   |            |        |             |        | Wrench<br>Size |
|-------------------------------|------------|--------|-------------|--------|-------------------------------|------------|--------|-------------|--------|----------------|
| Diameter &<br>Thread<br>Pitch | Metric 8.8 |        | Metric 10.9 |        | Diameter &<br>Thread<br>Pitch | Metric 8.8 |        | Metric 10.9 |        |                |
|                               | N-m        | lbs-ft | N-m         | lbs-ft |                               | N-m        | lbs-ft | N-m         | lbs-ft |                |
| 6 x 1.0                       | 8          | 6      | 11          | 8      |                               |            |        |             |        | 10 mm          |
| 8 x 1.25                      | 20         | 15     | 27          | 20     | 8 x 1.0                       | 21         | 16     | 29          | 22     | 13 mm          |
| 10 x 1.5                      | 39         | 29     | 54          | 40     | 10 x 1.25                     | 41         | 30     | 57          | 42     | 16 mm          |
| 12 x 1.75                     | 68         | 50     | 94          | 70     | 12 x 1.25                     | 75         | 55     | 103         | 76     | 18 mm          |
| 14 x 2.0                      | 109        | 80     | 151         | 111    | 14 x 1.5                      | 118        | 87     | 163         | 120    | 21 mm          |
| 16 x 2.0                      | 169        | 125    | 234         | 173    | 16 x 1.5                      | 181        | 133    | 250         | 184    | 24 mm          |
| 18 x 2.5                      | 234        | 172    | 323         | 239    | 18 x 1.5                      | 263        | 194    | 363         | 268    | 27 mm          |
| 20 x 2.5                      | 330        | 244    | 457         | 337    | 20 x 1.5                      | 367        | 270    | 507         | 374    | 30 mm          |
| 22 x 2.5                      | 451        | 332    | 623         | 460    | 22 x 1.5                      | 495        | 365    | 684         | 505    | 34 mm          |
| 24 x 3.0                      | 571        | 421    | 790         | 583    | 24 x 2.0                      | 623        | 459    | 861         | 635    | 36 mm          |
| 30 x 3.0                      | 1175       | 867    | 1626        | 1199   | 30 x 2.0                      | 1258       | 928    | 1740        | 1283   | 46 mm          |

SECTION 2 OVERVIEW

2.1 MR6000 Components

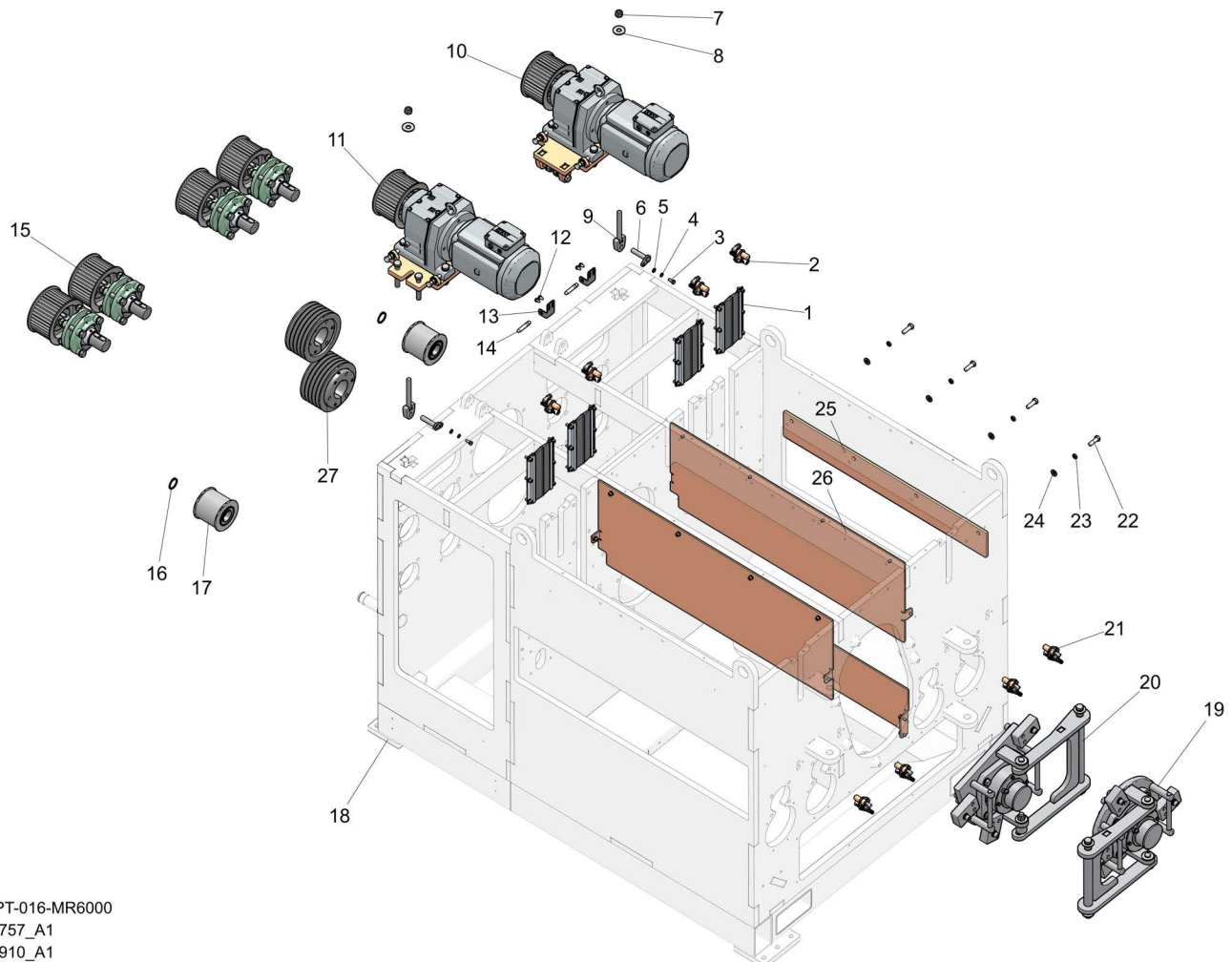


TDSLPT-017-46-MR6000  
TDSLPT-017-46-MR6000

| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #                                                                   | QTY. |  |
|-----|--------------------------------------------------------------|--------------------------------------------------------------------------|------|--|
| 1   | Motor Rack                                                   | <a href="#">See SECTION 4<br/>Motor Rack</a>                             | 1    |  |
| 2   | Main Frames                                                  | <a href="#">See SECTION 3<br/>Main Frames</a>                            | 1    |  |
| 3   | Misting System                                               | <a href="#">(See Section 3.27)</a><br><a href="#">(See Section 3.28)</a> |      |  |

## SECTION 3 MAIN FRAMES

### 3.1 Main Frame 1 Overview

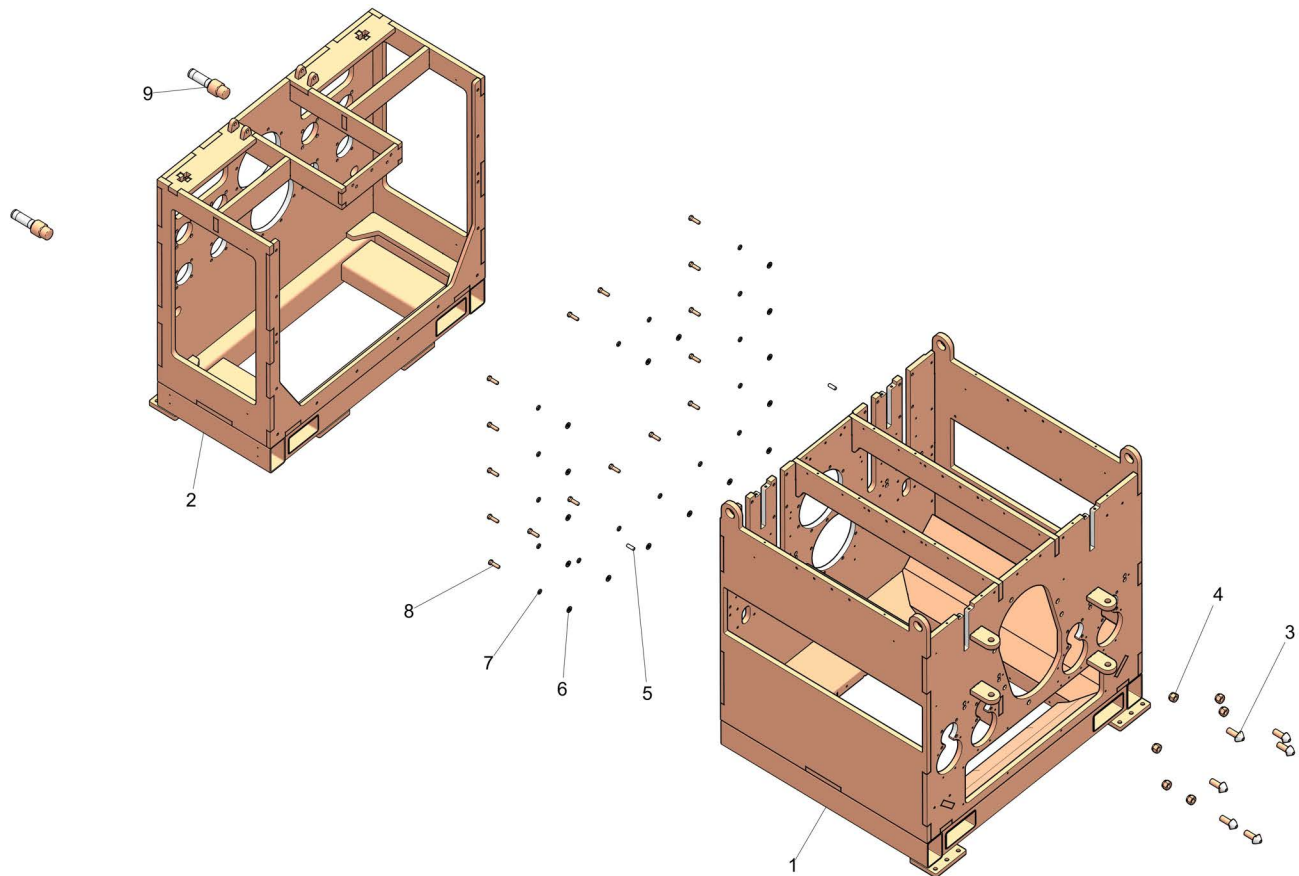


TDSLPT-016-MR6000  
 TD111757\_A1  
 TD111910\_A1

| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #    | QTY. |  |
|-----|--------------------------------------------------------------|-----------|------|--|
|     | Assy, Main Frame, Subassembly 1-LH                           | 111757    | 1    |  |
| 1   | Brush sealing strip assembly                                 | 126917    | 8    |  |
|     | Holder, Brush Strip x 9.5in                                  | 126918    | 1    |  |
|     | Brush, Nylon x 9.5in                                         | 126919    | 1    |  |
|     | Washer, M8 Flat                                              | F05026-4  | 3    |  |
|     | Washer, 8mm Split Lock, Zn                                   | F05011-45 | 3    |  |
|     | Screw, M8x20mm SHC                                           | F81002-30 | 3    |  |
| 2   | Sensors ( <a href="#">See Section 3.7</a> )                  |           | 4    |  |
|     | Assy, Tensioner Pin                                          | 111870    | 2    |  |
| 3   | Bolt, M8-1.25x20 Class 8 HH                                  | f05021-2  | 2    |  |
| 4   | Washer, M8 Split Lock                                        | f05011-45 | 2    |  |
| 5   | Washer, M8 Flat                                              | f05026-4  | 2    |  |
| 6   | Wldmnt, Tensioner Pin                                        | 111869    | 2    |  |
|     | Assy, Tensioner Pin                                          | 111848    | 2    |  |
| 7   | Nut, M16-2 Class 8 Nylock                                    | F05027-6  | 2    |  |

| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)             | PART #     | QTY. |  |
|-----|--------------------------------------------------------------------------|------------|------|--|
| 8   | Washer, 5/8 Standard Zinc Flat                                           | F05011-40  | 2    |  |
| 9   | Wdlmnt, Tensioner Bolt                                                   | 111873     | 2    |  |
| 10  | Assy, Pressroll Drive - 2 ( <a href="#">See Section 3.4</a> )            | 111864     | 1    |  |
| 11  | Assy, Pressroll Drive - 1 ( <a href="#">See Section 3.4</a> )            | 111863     | 1    |  |
|     | Assembly, 12mm Prox Switch                                               | 118327     | 2    |  |
| 12  | Bolt, 1/4-20x1/2 Flanged                                                 | F05005-90  | 4    |  |
| 13  | Plate, Prox Mount Bracket                                                | 118328     | 2    |  |
| 14  | Sensor, 12mm, Inductive Prox, 10-30VDC                                   | 111772     | 2    |  |
| 15  | Assembly, Universal Joint Stub Drive ( <a href="#">See Section 3.6</a> ) | 126953     | 4    |  |
| 16  | Ring, 40mm External Retaining DIN 471                                    | F04254-63  |      |  |
| 17  | Assembly, Belt Idler Pulley                                              | 126950     |      |  |
|     | Pulley, Belt Idler                                                       | 126951     |      |  |
|     | Bearing, 6208.2RS                                                        | 126952     |      |  |
| 18  | Wldmnt, CTE Main Frame-LH ( <a href="#">See Section 3.2</a> )            | 111756     | 1    |  |
| 19  | Assy, Top Door, Hinge-LH ( <a href="#">See Section 3.8</a> )             | 111761     | 1    |  |
| 20  | Assy, Bottom Door, Hinge-LH ( <a href="#">See Section 3.9</a> )          | 111765     | 1    |  |
| 21  | Sensors ( <a href="#">See Section 3.7</a> )                              |            | 4    |  |
| 22  | Bolt, M12x1.75x40mm HH FT CL10.9 Zinc                                    | F05004-250 | 4    |  |
| 23  | Washer, Z12.2 FE/ZN5 PN-77/M-82008                                       | F81056-2   | 4    |  |
| 24  | WASHER, M12 FLAT Zinc                                                    | F05011-124 | 4    |  |
| 25  | Plate, Infeed Material Limiter                                           | 111874     | 1    |  |
| 26  | Inner Cover Assemblies ( <a href="#">See Section 3.4</a> )               |            | 1    |  |
| 27  | Assy, 5V8-5-E                                                            | 111610     | 2    |  |
|     | Bushing, E-3                                                             | 111612     | 2    |  |
|     | Key                                                                      | 111610_1   | 2    |  |
|     | Sheave, 5V8-5-E                                                          | 111611     | 2    |  |
|     | Washer                                                                   | 111610_2   | 2    |  |
|     | Bolt                                                                     | 111610_3   | 2    |  |

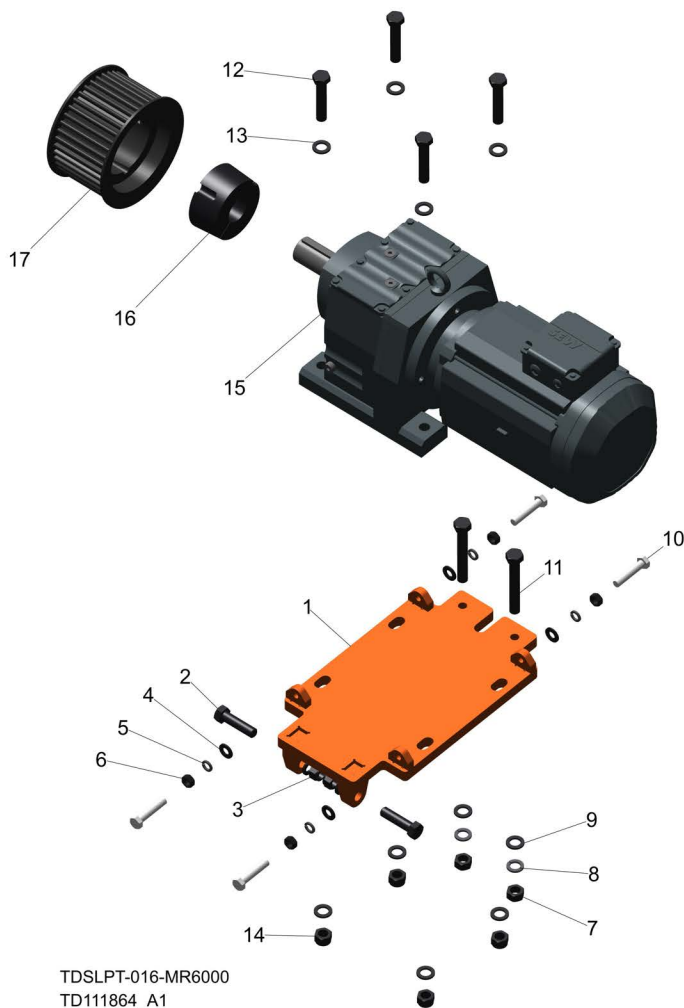
## 3.2 CTE Main Frame



TDSLPT-016-MR6000  
TD111756\_A1

| REF | PART #     | DESCRIPTION                 | COMMENTS | QTY. |
|-----|------------|-----------------------------|----------|------|
|     | 111756     | Weldment, CTE Main Frame-LH |          | 1    |
|     | 111755     | Assembly, Main Frame-LH     |          | 1    |
| 1   | 111752     | Weldment, Main Frame 1-LH   |          | 1    |
| 2   | 111754     | Weldment, Main Frame 2-LH   |          | 1    |
|     | 126850     | Assembly, Door Cone         |          | 6    |
| 3   | 126851     | Cone, Male Door Cone        |          | 6    |
| 4   | F05010-260 | Nut, M24x3, Nylock Zn CL8   |          | 6    |
| 5   | F05012-172 | Pin, 1/2 x 1 1/2 Dowel      |          | 2    |
| 6   | F05011-2   | Washer, 1/2 SAE Flat        |          | 16   |
| 7   | F05011-9   | Washer, 1/2 Split Lock      |          | 16   |
| 8   | F05009-73  | Bolt, 1/2-13x1 3/4 Gr8 HH   |          | 16   |
| 9   | 126907     | Spigot, Belt Idler          |          | 2    |

### 3.3 Assy, Pressroll Drive

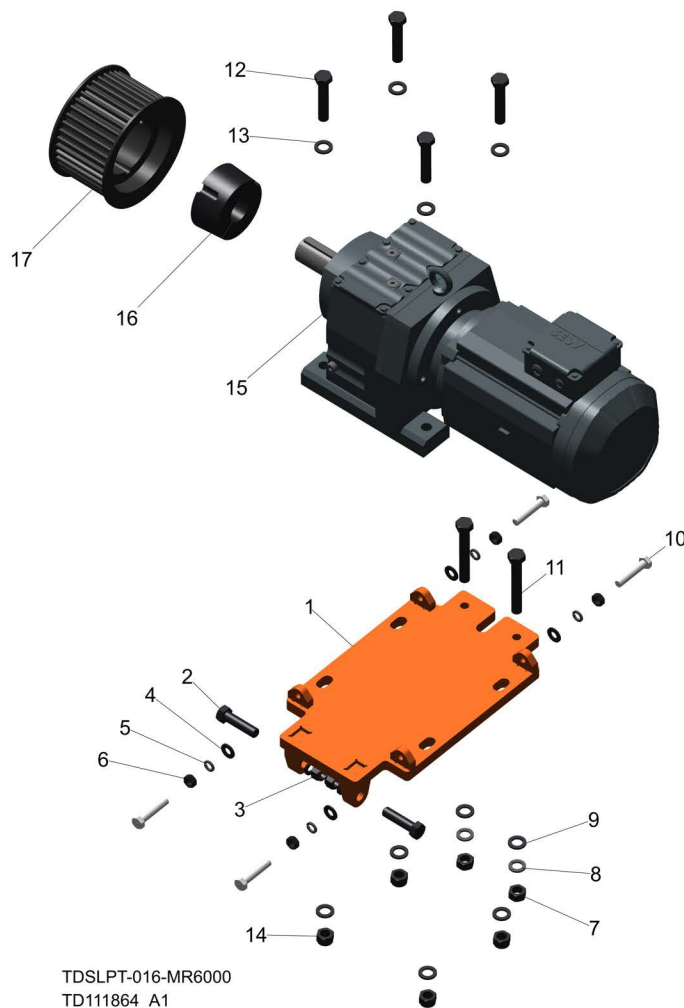


TDSLPT-016-MR6000  
 TD111864\_A1

| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #     | QTY. |  |
|-----|--------------------------------------------------------------|------------|------|--|
|     | Assy, Pressroll Drive - 1                                    | 111863     |      |  |
|     | Assy, Pressroll Drive - 2                                    | 111864     | 1    |  |
|     | Assy, Pressroll Gearmotor Mount                              | 111860     | 1    |  |
| 1   | Wldmnt, Pressroll Gearmotor Mount                            | 111858     | 1    |  |
| 2   | Bolt, M16-2.0x60mm 8.8 HH Zinc                               | F05004-281 | 2    |  |
| 3   | Nut, M16-2 Class 8 Nylock                                    | F05027-6   | 2    |  |
| 4   | WASHER, M12 FLAT Zinc                                        | F05011-124 | 4    |  |
| 5   | Washer, Z12.2 FE/ZN5 PN-77/M-82008                           | F81056-2   | 4    |  |
| 6   | Nut, M12x1.75 Free Znc                                       | F05010-212 | 4    |  |
| 7   | Nut, M16-2 Class 8 Hex                                       | F05027-11  | 2    |  |
| 8   | PODKLADKA SPREZ. 16,3 Fe/Zn5 PN-M/82008                      | F81058-2   | 2    |  |
| 9   | Washer, M16 Flat                                             | F05026-6   | 4    |  |
| 10  | Bolt, M12-1.75x60 HH CL 10.9 Zinc                            | F05023-8   | 4    |  |
| 11  | SRUBA M16x110-8.8-B-Fe/Zn5 PN-85/M-82101.                    | F81006-24  | 2    |  |
| 12  | SRUBA M16x80-8.8-Fe/Zn5 PN-M/82101                           | F81006-41  | 4    |  |
| 13  | Washer, M16 Flat                                             | F05026-6   | 8    |  |
| 14  | Nut, M16-2 Class 8 Nylock                                    | F05027-6   | 4    |  |

| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART # | QTY. |  |
|-----|--------------------------------------------------------------|--------|------|--|
| 15  | Gearmotor, 29:1, 5HP, M1 Mount                               | 111851 | 1    |  |
| 16  | Bushing, 3020 x 1 5/8 Taper-Lock                             | 111411 | 1    |  |
| 17  | Timing Pulley, 14M 40T x 85W TB3020                          | 111410 | 1    |  |

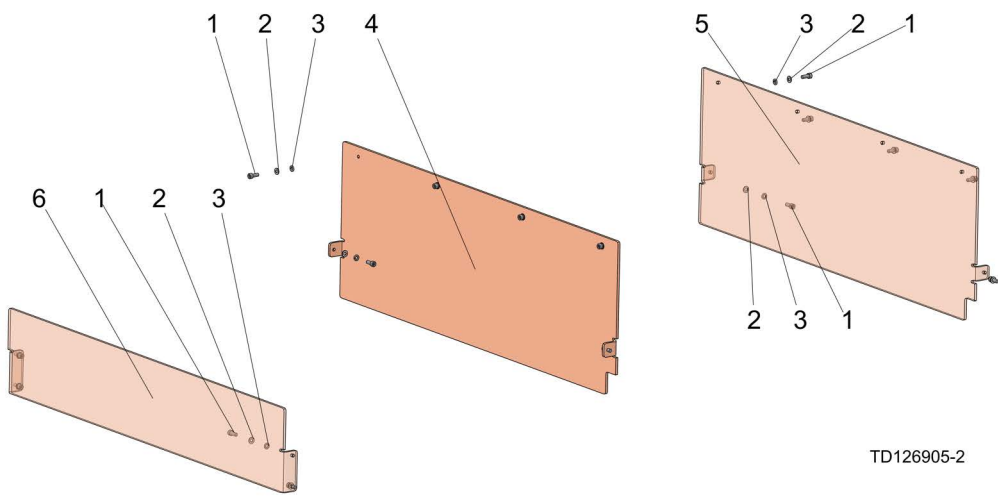
### 3.4 Assy, Pressroll Drive



| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #     | QTY. |  |
|-----|--------------------------------------------------------------|------------|------|--|
|     | Assy, Pressroll Drive - 1                                    | 111863     |      |  |
|     | Assy, Pressroll Drive - 2                                    | 111864     | 1    |  |
|     | Assy, Pressroll Gearmotor Mount                              | 111860     | 1    |  |
| 1   | Wldmnt, Pressroll Gearmotor Mount                            | 111858     | 1    |  |
| 2   | Bolt, M16-2.0x60mm 8.8 HH Zinc                               | F05004-281 | 2    |  |
| 3   | Nut, M16-2 Class 8 Nylock                                    | F05027-6   | 2    |  |
| 4   | WASHER, M12 FLAT Zinc                                        | F05011-124 | 4    |  |
| 5   | Washer, Z12.2 FE/ZN5 PN-77/M-82008                           | F81056-2   | 4    |  |
| 6   | Nut, M12x1.75 Free Znc                                       | F05010-212 | 4    |  |
| 7   | Nut, M16-2 Class 8 Hex                                       | F05027-11  | 2    |  |
| 8   | PODKLADKA SPREZ. 16,3 Fe/Zn5 PN-M/82008                      | F81058-2   | 2    |  |
| 9   | Washer, M16 Flat                                             | F05026-6   | 4    |  |
| 10  | Bolt, M12-1.75x60 HH CL 10.9 Zinc                            | F05023-8   | 4    |  |
| 11  | SRUBA M16x110-8.8-B-Fe/Zn5 PN-85/M-82101.                    | F81006-24  | 2    |  |
| 12  | SRUBA M16x80-8.8-Fe/Zn5 PN-M/82101                           | F81006-41  | 4    |  |
| 13  | Washer, M16 Flat                                             | F05026-6   | 8    |  |
| 14  | Nut, M16-2 Class 8 Nylock                                    | F05027-6   | 4    |  |

| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART # | QTY. |  |
|-----|--------------------------------------------------------------|--------|------|--|
| 15  | Gearmotor, 29:1, 5HP, M1 Mount                               | 111851 | 1    |  |
| 16  | Bushing, 3020 x 1 5/8 Taper-Lock                             | 111411 | 1    |  |
| 17  | Timing Pulley, 14M 40T x 85W TB3020                          | 111410 | 1    |  |

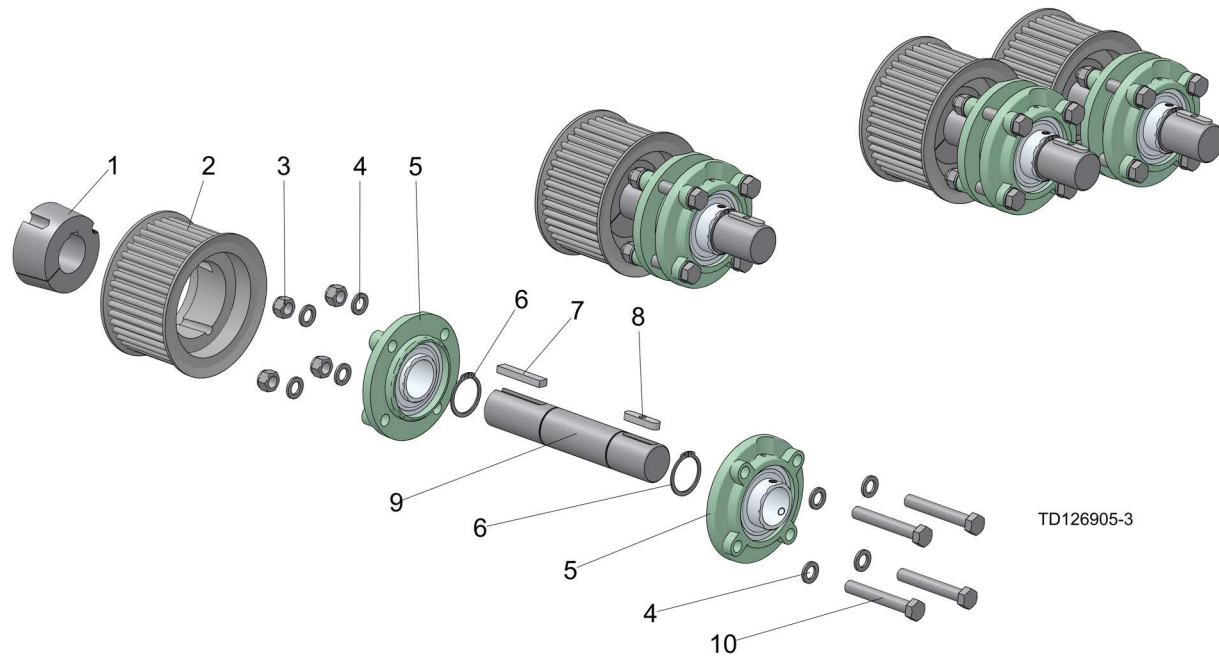
3.5 Inner Cover Assemblies



TD126905-2

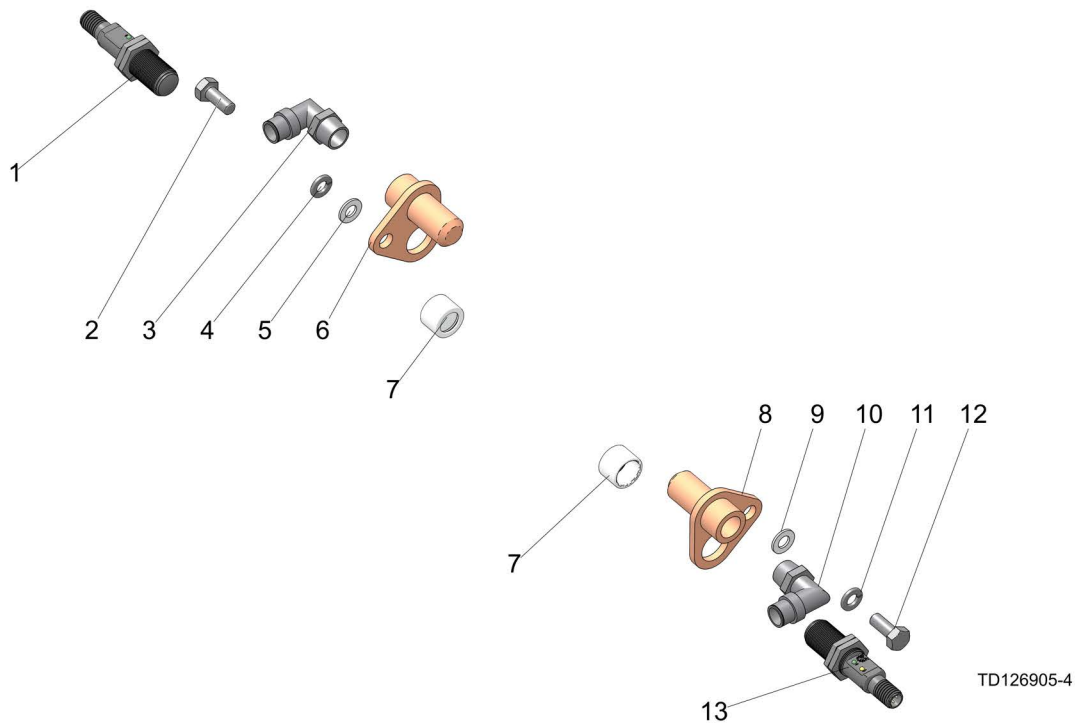
| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #    | QTY. |  |
|-----|--------------------------------------------------------------|-----------|------|--|
| 1   | Screw, M8x20mm SHC                                           | F81002-30 | 16   |  |
| 2   | Washer, M8 Flat                                              | F05026-4  | 16   |  |
| 3   | Washer, 8mm Split Lock, Zn                                   | F05011-45 | 16   |  |
| 4   | Assembly, Inner Cover; Top                                   | 111591    | 1    |  |
| 5   | Assembly, Inner Cover; Top Outfeed                           | 111592    | 1    |  |
| 6   | Assembly, Inner Cover; Bottom                                | 111593    | 1    |  |

### 3.6 Universal Joint Stub Drive



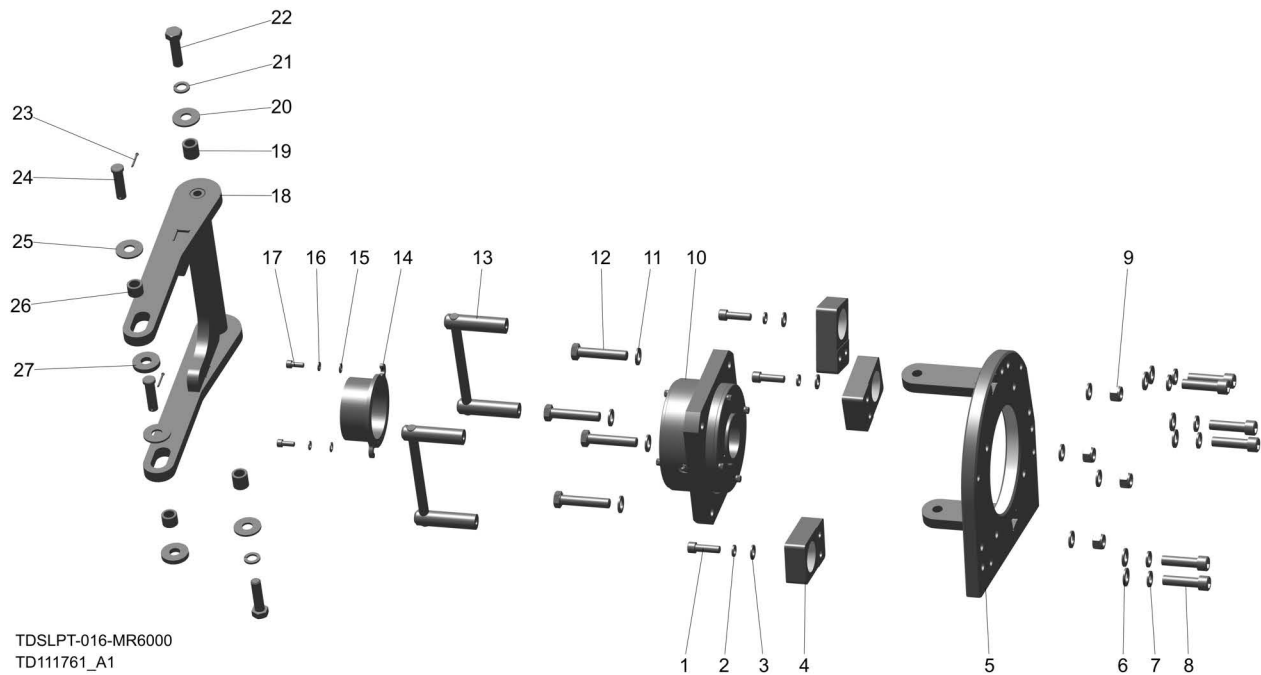
| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #    | QTY. |  |
|-----|--------------------------------------------------------------|-----------|------|--|
|     | Assembly, Universal Joint Stub Drive                         | 126953    | 4    |  |
| 1   | Bushing, 3020 x 50mm Taper-Lock                              | 111583    | 1    |  |
| 2   | Timing Pulley, 14M 40T x 85W TB3020                          | 111410    | 1    |  |
| 3   | Nut, M16-2 Class 8 Nylock                                    | F05027-6  | 4    |  |
| 4   | Washer, M16 Flat                                             | F05026-6  | 8    |  |
| 5   | Bearing, UCFC 210 w/housing                                  | 533032    | 2    |  |
| 6   | Ring, 50mm External Retaining DIN 471                        | F04254-64 | 2    |  |
| 7   | Key, 14x9x72.5mm                                             | 111501    | 1    |  |
| 8   | Key, 14x9x56mm                                               | 111502    | 1    |  |
| 9   | Shaft, Universal Joint; Stub                                 | 126954    | 1    |  |
| 10  | Bolt, M16x110-8.8-B-Fc/Zn5 PN-85/M-82101.                    | F81006-24 | 4    |  |

### 3.7 Sensors



| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #    | QTY. |  |
|-----|--------------------------------------------------------------|-----------|------|--|
| 1   | Sensor, Transmitter, SMT-7000-TS-J                           | 112621    | 4    |  |
|     | Assembly, Blow Port; RH                                      | 126916    | 4    |  |
| 2   | Bolt, M8-1.25x20 Class 8 HH                                  | F05021-2  | 1    |  |
| 3   | Fitting, 1/2" Tube x 3/8 NPT Male Swivel                     | 034009    | 1    |  |
| 4   | Washer, 8mm Split Lock, Zn                                   | F05011-45 | 1    |  |
| 5   | Washer, M8 Flat                                              | F05026-4  | 1    |  |
| 6   | Weldment, Blow Port                                          | 111559    | 1    |  |
| 7   | Aperture - M18                                               | 126912    | 8    |  |
|     | Assembly, Blow Port; LH                                      | 126913    | 4    |  |
| 8   | Weldment, Blow Port                                          | 111559    | 1    |  |
| 9   | Washer, M8 Flat                                              | F05026-4  | 1    |  |
| 10  | Fitting, 1/2" Tube x 3/8 NPT Male Swivel                     | 034009    | 1    |  |
| 11  | Washer, 8mm Split Lock, Zn                                   | F05011-45 | 1    |  |
| 12  | Bolt, M8-1.25x20 Class 8 HH                                  | F05021-2  | 1    |  |
| 13  | Sensor, Receiver, SMR-7720-TS-J                              | 112622    | 4    |  |

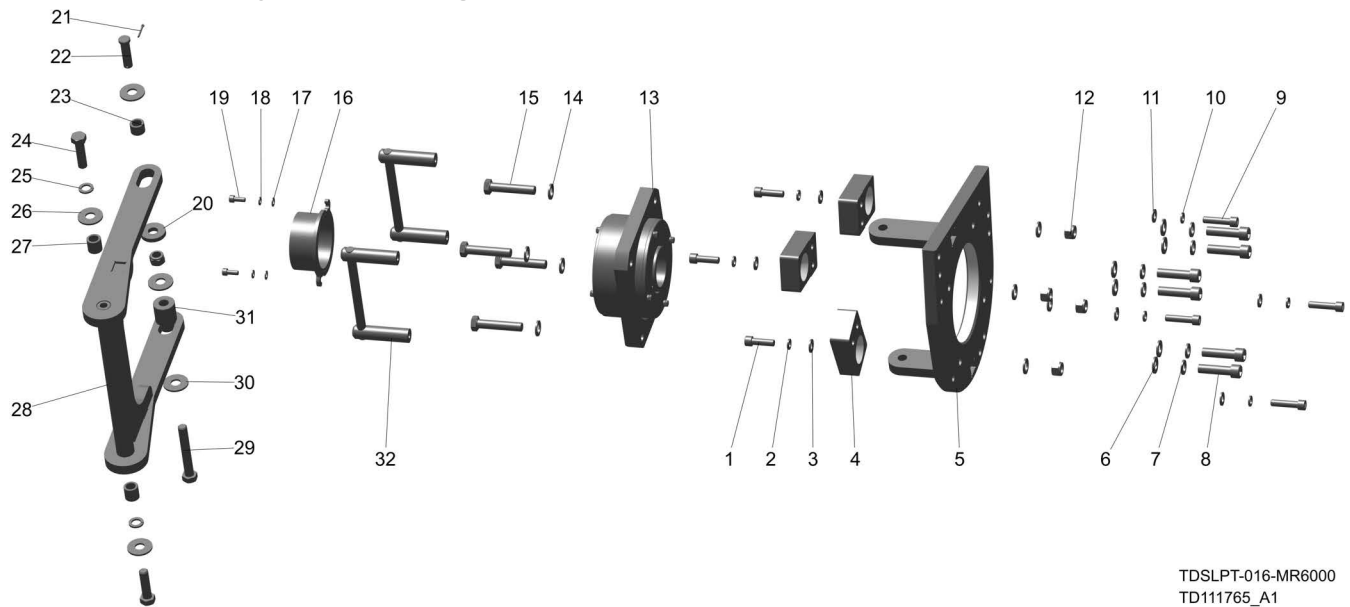
### 3.8 Assembly, Door Hinges, Top



| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)         | PART #     | QTY. |  |
|-----|----------------------------------------------------------------------|------------|------|--|
|     | Assy, Top Door, Hinge-LH                                             | 111761     | 1    |  |
|     | Assy, Top Door-LH                                                    | 111760     | 1    |  |
|     | Assy, Top Door Base                                                  | 111759     | 1    |  |
| 1   | Screw, Hex Socket Head Cap ISO 4762-M12x40-8.8-A2E                   | F81004-101 | 3    |  |
| 2   | Washer, Z12.2 FE/ZN5 PN-77/M-82008                                   | F81056-2   | 3    |  |
| 3   | Washer, M12 Flat Zinc                                                | F81056-1   | 3    |  |
| 4   | Female Door Cone                                                     | 126856     | 3    |  |
| 5   | Wldmnt, Top Door                                                     | 111758     | 1    |  |
| 6   | WASHER, 17 FLAT ZINC                                                 | F81058-1   | 6    |  |
| 7   | PODKLADKA SPREZ. 16,3 Fe/Zn5 PN-M/82008                              | F81058-2   | 6    |  |
| 8   | Screw, Socket Head Cap M16x60-8.8 Fe/Zn5 PN-M/82302                  | F81006-19  | 6    |  |
| 9   | Nut, M16-2 Class 8 Nylock                                            | F05027-6   | 4    |  |
| 10  | Assembly, Customer Door Bearing ( <a href="#">See Section 3.10</a> ) | 126896     | 1    |  |
| 11  | Washer, M16 Flat                                                     | F05026-6   | 8    |  |
| 12  | SRUBA M16x80-8.8-Fe/Zn5 PN-M/82101                                   | F81006-41  | 4    |  |
| 13  | Weldment, Door Handle                                                | 126929     | 2    |  |
| 14  | Weldment, DB Cover                                                   | 126938     | 1    |  |
| 15  | Washer, M8 Flat                                                      | F05026-4   | 2    |  |
| 16  | Washer, 8mm Split Lock, Zn                                           | F05011-45  | 2    |  |
| 17  | Screw, M8x20mm SHC                                                   | F81002-30  | 2    |  |
| 18  | Weldmnt, Door Arm; Top                                               | 111812     | 1    |  |
| 19  | Bush Door Hinge 2                                                    | 126942     | 2    |  |
| 20  | Washer, 5/8 Standard Zinc Flat                                       | F05011-40  | 2    |  |
| 21  | PODKLADKA SPREZ. 16,3 Fe/Zn5 PN-M/82008                              | F81058-2   | 2    |  |
| 22  | Bolt, M16-2.0x60mm 8.8 HH Zinc                                       | F05004-281 | 2    |  |

| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #     | QTY. |  |
|-----|--------------------------------------------------------------|------------|------|--|
| 23  | Pin, 1/8x1 Cotter                                            | F05012-1   | 2    |  |
| 24  | Pin, 5/8 x 2 Usable Lg. Clevis                               | F05012-175 | 2    |  |
| 25  | Washer, 5/8 Standard Zinc Flat                               | F05011-40  | 2    |  |
| 26  | Bush, Door Hinge 3                                           | 126932     | 2    |  |
| 27  | Plate, Door Washer 5/16                                      | 111846     | 2    |  |

### 3.9 Assembly, Door Hinges, Bottom

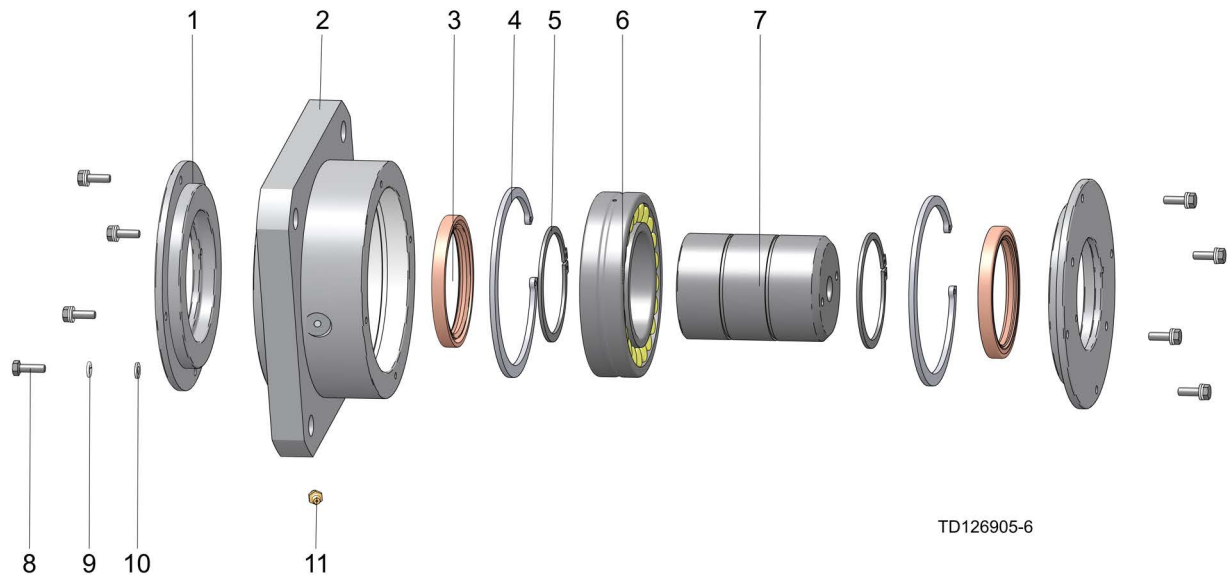


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| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)       | PART #     | QTY. |  |
|-----|--------------------------------------------------------------------|------------|------|--|
|     | Assy, Bottom Door, Hinge-LH                                        | 111765     | 1    |  |
|     | Assy, Bottom Door-LH                                               | 111764     | 1    |  |
|     | Assy, Bottom Door Base-LH                                          | 111763     | 1    |  |
| 1   | Screw, Hex Socket Head Cap ISO 4762-M12x40-8.8-A2E                 | F81004-101 | 3    |  |
| 2   | Washer, Z12.2 FE/ZN5 PN-77/M-82008                                 | F81056-2   | 3    |  |
| 3   | Washer, M12 Flat Zinc                                              | F81056-1   | 3    |  |
| 4   | Female Door Cone                                                   | 126856     | 3    |  |
| 5   | Wldmnt, Bottom Door-LH                                             | 111762     | 1    |  |
| 6   | WASHER, 17 FLAT ZINC                                               | F81058-1   | 6    |  |
| 7   | PODKLADKA SPREZ. 16,3 Fe/Zn5 PN-M/82008                            | F81058-2   | 6    |  |
| 8   | Screw, Socket Head Cap M16x60-8.8 Fe/Zn5 PN-M/82302                | F81006-19  | 6    |  |
| 9   | BOLT, M12x1.75x50 SHCS BO CL12.9                                   | F05023-27  | 4    |  |
| 10  | Washer, Z12.2 FE/ZN5 PN-77/M-82008                                 | F81056-2   | 4    |  |
| 11  | Washer, M12 Flat Zinc                                              | F81056-1   | 4    |  |
| 12  | Nut, M16-2 Class 8 Nylock                                          | F05027-6   | 5    |  |
| 13  | Assembly, Customer Door Bearing <a href="#">(See Section 3.10)</a> | 126896     | 1    |  |
| 14  | Washer, M16 Flat                                                   | F05026-6   | 8    |  |
| 15  | SRUBA M16x80-8.8-Fe/Zn5 PN-M/82101                                 | F81006-41  | 4    |  |
| 16  | Weldment, DB Cover                                                 | 126938     | 1    |  |
| 17  | Washer, M8 Flat                                                    | F05026-4   | 2    |  |
| 18  | Washer, 8mm Split Lock, Zn                                         | F05011-45  | 2    |  |
| 19  | Screw, M8x20mm SHC                                                 | F81002-30  | 2    |  |
| 20  | Plate, Door Washer 5/16                                            | 111846     | 1    |  |
| 21  | Pin, 1/8x1 Cotter                                                  | F05012-1   | 1    |  |
| 22  | Pin, 5/8 x 2 Usable Lg. Clevis                                     | F05012-175 | 1    |  |
| 23  | Bush, Door Hinge 3                                                 | 126932     | 1    |  |
| 24  | Bolt, M16-2.0x60mm 8.8 HH Zinc                                     | F05004-281 | 2    |  |
| 25  | PODKLADKA SPREZ. 16,3 Fe/Zn5 PN-M/82008                            | F81058-2   | 2    |  |

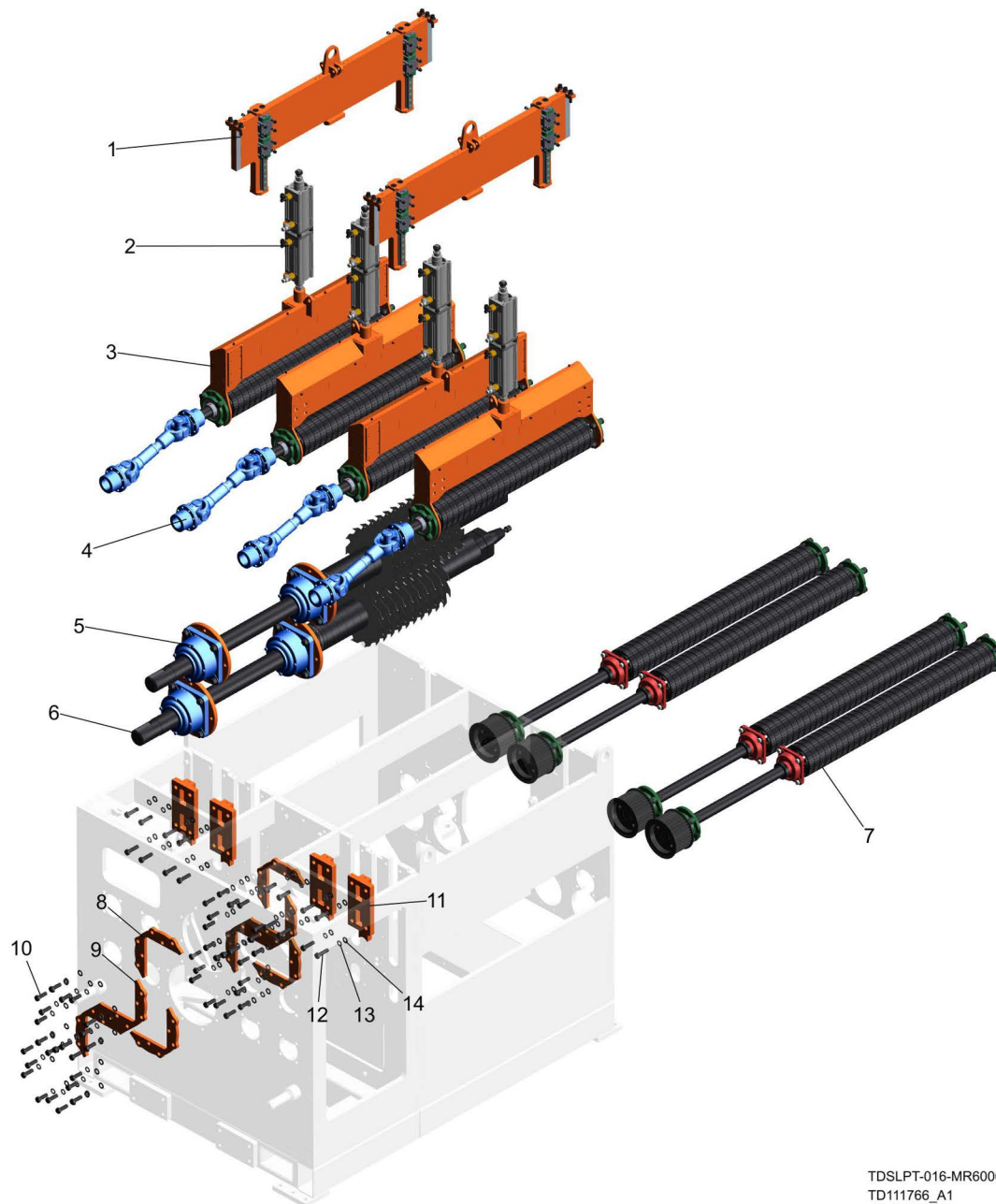
| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #    | QTY. |  |
|-----|--------------------------------------------------------------|-----------|------|--|
| 26  | Washer, 5/8 Standard Zinc Flat                               | F05011-40 | 2    |  |
| 27  | Bush Door Hinge 2                                            | 126942    | 2    |  |
| 28  | Weldmnt, Door Arm; Bottom                                    | 111821    | 1    |  |
| 29  | SRUBA M16x110-8.8-B-Fe/Zn5 PN-85/M-82101.                    | F81006-24 | 1    |  |
| 30  | Washer, 5/8 Standard Zinc Flat                               | F05011-40 | 3    |  |
| 31  | Bush, Door Hinge 1                                           | 126949    | 1    |  |
| 32  | Weldment, Door Handle                                        | 126929    | 2    |  |

### 3.10 Custom Door Bearing



| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #    | QTY. |  |
|-----|--------------------------------------------------------------|-----------|------|--|
|     | Custom Door Bearing                                          | 126896    | 1    |  |
| 1   | Plate, Door Bearing Cover                                    | 126895    | 1    |  |
| 2   | Weldment, Door Bearing Housing                               | 126897    | 1    |  |
| 3   | Seal, Double Lip Seal 80x100x10                              | 126935    | 2    |  |
| 4   | Ring, 140mm Internal Retaining DIN 472                       | F04254-66 | 2    |  |
| 5   | Ring, 80mm External Retaining DIN 471                        | F04254-65 | 2    |  |
| 6   | Bearing, Spherical Roller, 22216 E/C3                        | 126934    | 1    |  |
| 7   | Bar, Door Cup                                                | 126900    | 1    |  |
| 8   | Bolt, M6-1x20 HH Class 8                                     | F05020-6  | 8    |  |
| 9   | Washer, M6 Split Lock                                        | F05026-2  | 8    |  |
| 10  | Washer, M6 Flat Class 4                                      | F05026-1  | 8    |  |
| 11  | Fitting, 1/4-28 Straight Grease                              | P107      | 1    |  |

## 3.11 Main Frame 2 Overview

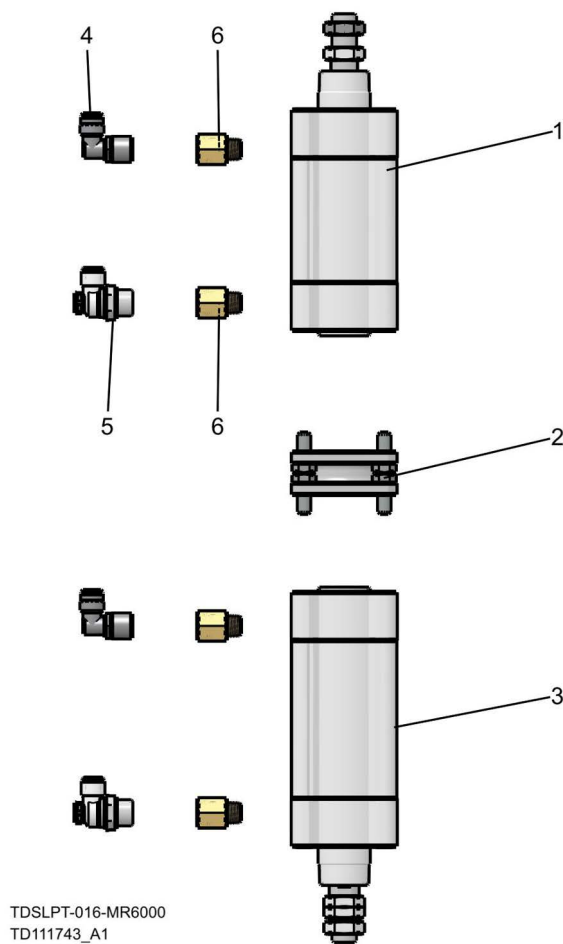


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| REF | DESCRIPTION                                                      | PART #   | QTY. |  |
|-----|------------------------------------------------------------------|----------|------|--|
| 12  | Assy, Main Frame, Subassembly 2-LH                               | 111766   | 1    |  |
| 13  | Assembly, HD Combo                                               | 111744   | 2    |  |
| 1   | Assembly, HD Guide ( <a href="#">See Section 3.14</a> )          | 126965   | 2    |  |
| 2   | Assembly,Dual Air Cylinders( <a href="#">See Section 3.12</a> )  | 111743   | 4    |  |
| 3   | Assembly, HD2 ( <a href="#">See Section 3.13</a> )               | 111750   | 2    |  |
| 4   | Assembly, HD ( <a href="#">See Section 3.13</a> )                | 111748   | 2    |  |
| 5   | Assembly, Arbor; Left Hand ( <a href="#">See Section 3.15</a> )  | 126888   | 1    |  |
| 6   | Assembly, Arbor; Right Hand ( <a href="#">See Section 3.15</a> ) | 126870   | 1    |  |
| 7   | Assembly, Feed Roller ( <a href="#">See Section 3.16</a> )       | 126860   | 4    |  |
| 8   | Plate, Arbor Bearing Mount 1                                     | 126957   | 4    |  |
| 9   | Plate, Arbor Bearing Mount 2                                     | 126958   | 2    |  |
| 10  | Bolt, M16x50 8.8 Hex Head Full Thread                            | F81006-7 | 46   |  |
| 11  | Weldment, Insert; Main Body                                      | 126999   | 4    |  |

| REF | DESCRIPTION                               | PART #     | QTY. |  |
|-----|-------------------------------------------|------------|------|--|
| 12  | Bolt, M16-2.0x60mm 8.8 HH Zinc            | F05004-281 | 16   |  |
| 13  | Washer, Split Lock 16,3 Fe/Zn5 PN-M/82008 | F81058-2   | 62   |  |
| 14  | Washer, M16 Flat                          | F05026-6   | 62   |  |

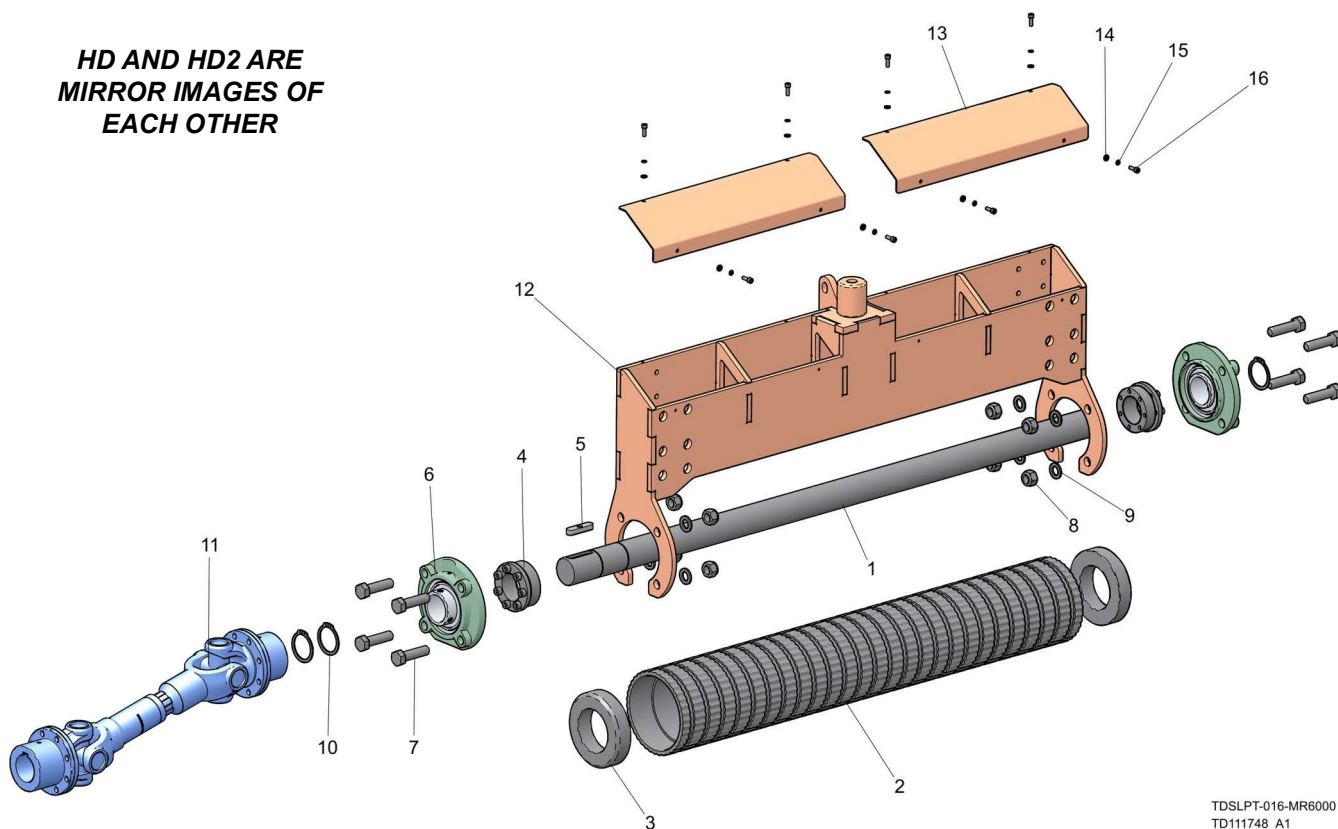
3.12 Pneumatic Cylinders



| REF | DESCRIPTION                              | PART # | QTY. |  |
|-----|------------------------------------------|--------|------|--|
|     | Assembly,Dual Air Cylinders              | 111743 | 1    |  |
| 1   | Pneumatic Cylinder, DSBC-80-70-PPVA-N3   | 111742 | 1    |  |
| 2   | Multiposition Kit, DPNC-80               | 126993 | 1    |  |
| 3   | Pneumatic Cylinder , DSBC-80-100-PPVA-N3 | 126994 | 1    |  |
| 4   | Fitting, 1/2NPTSwvl-1/2"Push-In Elbw     | 016880 | 2    |  |
| 5   | Fitting, 1/2NPTM x 1/2Tube Flow Control  | 120516 | 2    |  |
| 6   | Adapter, R3/8 to 1/2 NPT (1786N265)      | 126996 | 4    |  |

### 3.13 Hold Down Assemblies 2 and 3

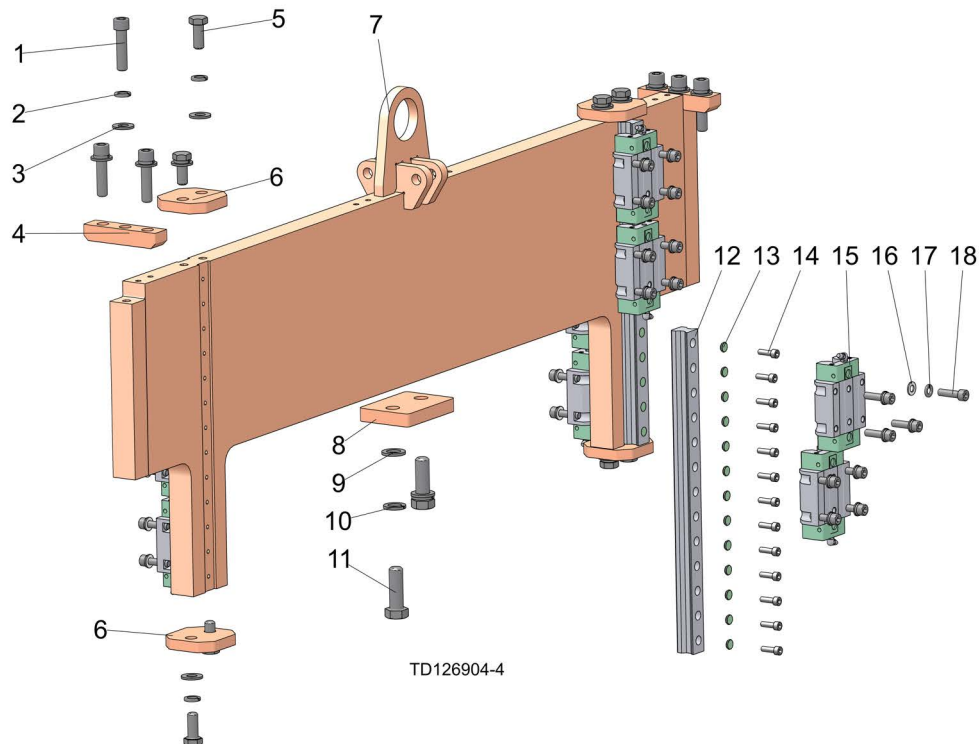
**HD AND HD2 ARE  
MIRROR IMAGES OF  
EACH OTHER**



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| REF | DESCRIPTION                             | PART #     | QTY. |  |
|-----|-----------------------------------------|------------|------|--|
|     | Assembly, HD                            | 111748     | 1    |  |
|     | Assembly, HD 2                          | 111750     |      |  |
|     | Assembly, HD Roller                     | 111749     | 1    |  |
|     | Assembly, HD Roller, Sub-Assembly       | 111584     | 1    |  |
| 1   | HD_Roller_Shaft                         | 126867     | 1    |  |
|     | Assy, HD Welded Roller                  | 126868     | 1    |  |
| 2   | HD Roller Barrel                        | 126869     | 1    |  |
| 3   | Bushing 3.149/5.315-1.181               | 126863     | 2    |  |
| 4   | Keyless Bushing, ID50xOD80, Flanged     | 523091     | 2    |  |
| 5   | Key, 14x9x56mm                          | 111502     | 1    |  |
| 6   | Modified Bearing, UCFC 210              | 111741     | 2    |  |
| 7   | Bolt, M16-2.0x60mm 8.8 HH Zinc          | F05004-281 | 8    |  |
| 8   | Nut, M16-2 Class 8 Nylock               | F05027-6   | 8    |  |
| 9   | Washer, M16 Flat                        | F05026-6   | 8    |  |
| 10  | Ring, 50mm External Retaining DIN 471   | F04254-64  | 3    |  |
| 11  | Universal Joint, SC2100_430_TUVJ        | 126988     | 1    |  |
| 12  | Weldment, HD Frame                      | 111745     | 1    |  |
| 13  | Plate, HD SD_Cover                      | 126987     | 2    |  |
| 14  | Washer, M5 Flat Zinc                    | F81052-1   | 8    |  |
| 15  | Washer, M5 Split Lock                   | F81052-2   | 8    |  |
| 16  | Screw, Socket Head Cap M5x16 8.8 Fe/Zn5 | F81000-25  | 8    |  |

## 3.14 Hold Down Guide Assembly

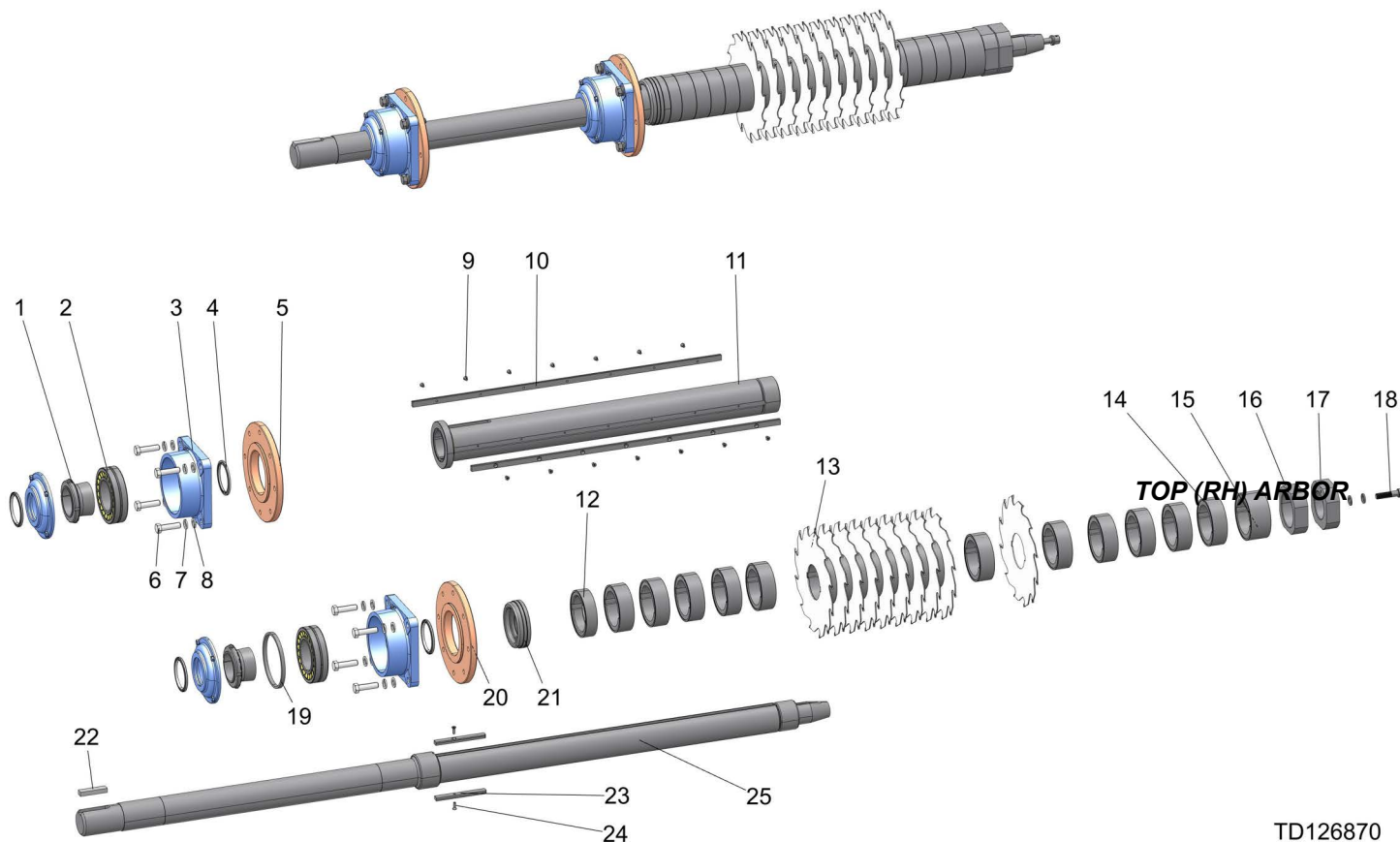


| REF | DESCRIPTION                               | PART #     | QTY. |  |
|-----|-------------------------------------------|------------|------|--|
|     | Assembly, HD Guide                        | 126965     | 2    |  |
| 1   | Bolt, M12x1.75x50 SHCS BO CL12.9          | F05023-27  | 6    |  |
| 2   | Washer, Z12.2 FE/ZN5 PN-77/M-82008        | F81056-2   | 14   |  |
| 3   | Washer, M12 Flat Zinc                     | F05011-124 | 14   |  |
| 4   | Plate, HD Clamp                           | 126997     | 2    |  |
| 5   | Bolt, M12x1.75x30mm HH Znc                | F05008-175 | 8    |  |
| 6   | Plate, HD Stopper                         | 126970     | 4    |  |
| 7   | Weldment, HD Guide                        | 126966     | 1    |  |
| 8   | Plate, HD Stopper2                        | 126971     | 1    |  |
| 9   | Washer, M16 Flat                          | F05026-6   | 2    |  |
| 10  | Washer, Split Lock.16,3 Fe/Zn5 PN-M/82008 | F81058-2   | 2    |  |
| 11  | Bolt, M16x50 8.8 Hex Head Full Thread     | F81006-7   | 2    |  |
|     | Assembly, HD Linears                      | 126972     | 4    |  |
| 12  | Linear Rail, 25mm x 390L                  | 126973     | 1    |  |
| 13  | Linear Rail, M6 Plastic Cap               | 126975     | 8    |  |
| 14  | Screw, M6-1 x 20 SHC                      | F05020-15  | 8    |  |
| 15  | Linear Bearing, 25mm, Roller, Dust Seals  | 126974     | 2    |  |
| 16  | Washer, M8 Flat                           | F05026-4   | 4    |  |
| 17  | Washer, 8mm Split Lock, Zn                | F05011-45  | 4    |  |
| 18  | Screw, M8-1.25x30mm SHCS Zinc             | F05004-262 | 4    |  |

## 3.15 Blade Arbor Assemblies

**BOTTOM (LH) ARBOR**

**NOTE THE ORIENTATION OF  
THE BLADES**

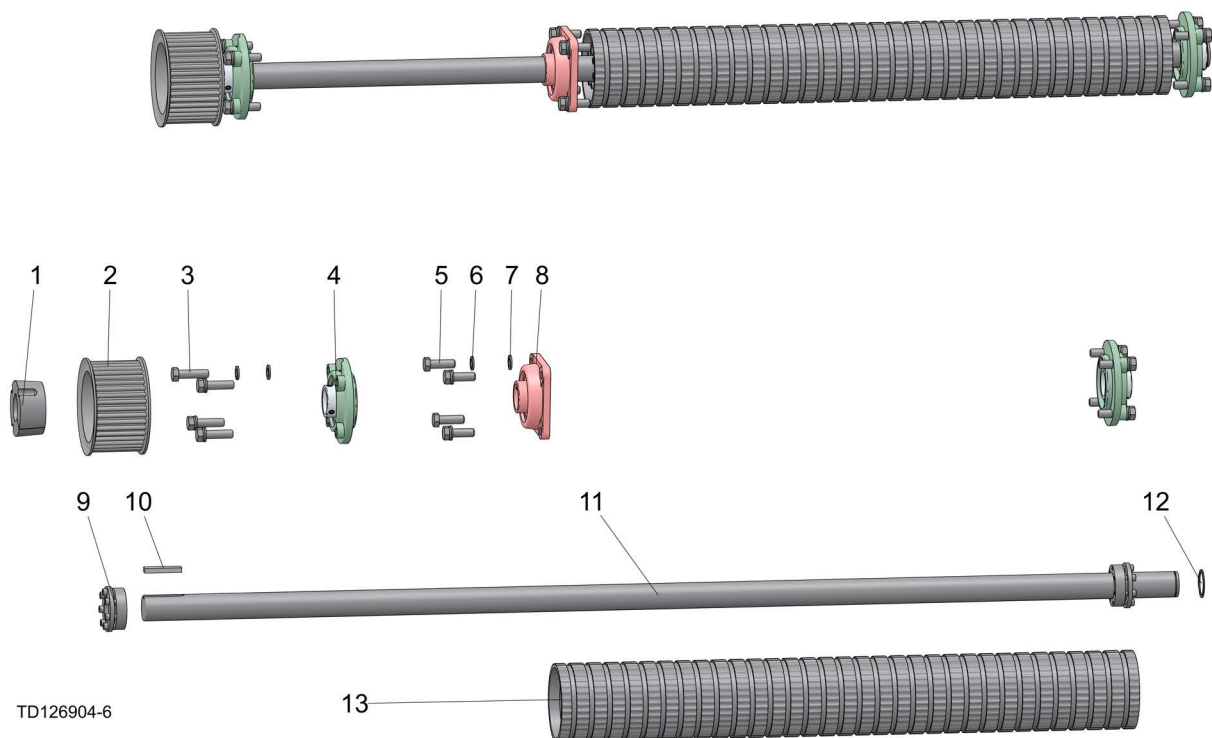


TD126870

| REF | PART #     | DESCRIPTION                                    | COMMENTS        | QTY. |
|-----|------------|------------------------------------------------|-----------------|------|
|     | 126870     | Assembly, Arbor; Right Hand                    |                 | 1    |
|     | 126888     | Assembly, Arbor; Left Hand                     |                 | 1    |
| 1   | 126962     | Adapter Sleeve, H318                           |                 | 1    |
| 2   | 126801     | Bearing, Spherical Roller, 22218_EK/C3         |                 | 1    |
| 3   | 111581     | Bearing Housing, Modified Base 722518B         |                 | 2    |
| 4   | 126960     | Seal, ZF18 Viton, For Housing FNL518B/722518.B |                 | 4    |
| 5   | 126886     | Adaptor1, Arbor Bearing                        |                 | 1    |
| 6   | F05004-281 | Bolt, M16-2.0x60mm 8.8 HH Zinc                 |                 | 8    |
| 7   | F05026-20  | Washer, M16 Spring Lock Zinc                   |                 | 9    |
| 8   | F05026-6   | Washer, M16 Flat                               |                 | 9    |
| 9   | F81001-54  | Screw, M6-1.0x12mm HSFH, 10.9 Zinc             |                 | 14   |
| 10  | 126880     | Key, Arbor Sleeve, 924mm                       |                 | 2    |
| 11  | 126877     | Weldment, Arbor Sleeve, Right Hand             |                 | 1    |
|     | 111588     | Assembly, Arbor Sub; Left Hand                 | Left Hand Arbor | 1    |
|     | 126876     | Assy, Arbor Sleeve, Right Hand                 |                 | 1    |
|     | 126890     | Assembly, Arbor Sleeve; Left Hand              | Left Hand Arbor |      |
| 12  | 118313     | Spacer, Arbor Sleeve 4in ID, 1.319 inch        |                 | 1    |
| 13  | 118344     | Blade, MR6000 NWS, 320ODX12T                   |                 | 10   |
| 14  | 118312     | Spacer, Arbor Sleeve 4in ID, 1.704 inch        |                 | 19   |
| 15  | 118311     | Spacer, Arbor Sleeve 4in ID, 2.362 inch        |                 | 1    |

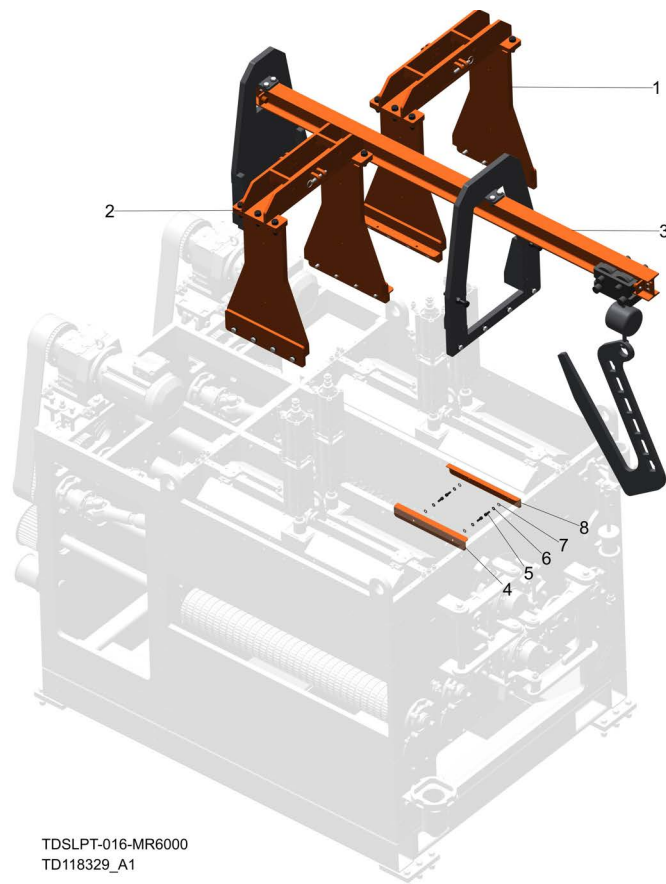
| REF       | PART #    | DESCRIPTION                                         | COMMENTS        | QTY. |
|-----------|-----------|-----------------------------------------------------|-----------------|------|
| <b>16</b> | 126884    | Nut, Arbor Sleeve, Right Hand                       |                 | 1    |
|           | 126893    | Nut, Arbor Sleeve 4in, Left Hand                    | Left Hand Arbor | 1    |
| <b>17</b> | 126885    | Nut, Arbor, Right Hand                              |                 | 1    |
|           | 126894    | Nut, Arbor, Left Hand                               | Left Hand Arbor | 1    |
| <b>18</b> | F05025-29 | Bolt, M16x2x65 SHCS BO Cl.12.9                      |                 | 1    |
|           | 111578    | Bolt, M16x2x65 <b>LH</b> SHCS BO Cl.12.9            | Left Hand Arbor |      |
| <b>19</b> | 126961    | Locating Ring, FRB_10_160                           |                 | 1    |
| <b>20</b> | 126887    | Adaptor2, Arbor Bearing                             |                 | 1    |
| <b>21</b> | 111587    | Assembly, Adjustable Spacer                         |                 | 1    |
|           | 111586    | Assembly, Arbor Sub; Right Hand                     |                 | 1    |
|           | 111588    | Assembly, Arbor Sub; Left Hand                      | Left Hand Arbor | 1    |
| <b>22</b> | 111503    | Key, 0.75x0.5x3.16in, Arbor                         |                 | 1    |
| <b>23</b> | 126872    | Key, Arbor; Short                                   |                 | 2    |
| <b>24</b> | F81001-17 | Screw, Hex Countersunk M6X20-10.9<br>FE/ZN5 DIN7991 |                 | 2    |
| <b>25</b> | 126871    | Arbor, Right Hand                                   |                 | 1    |
|           | 126889    | Arbor, Left Hand                                    | Left Hand Arbor | 1    |

## 3.16 Feed Roller Assemblies



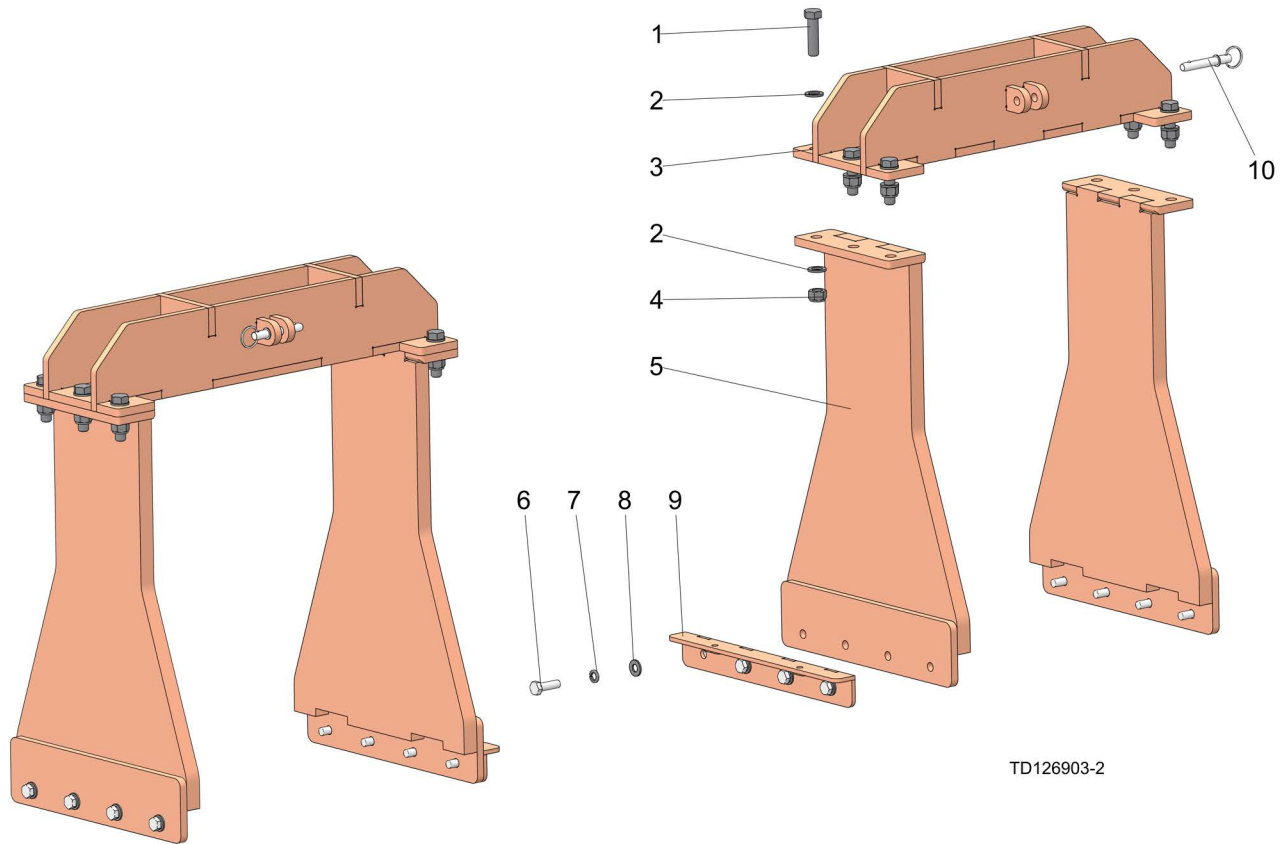
| REF | DESCRIPTION                               | PART #     | QTY. |  |
|-----|-------------------------------------------|------------|------|--|
|     | Assembly, Feed Roller                     | 126860     | 4    |  |
| 1   | Bushing, 3020 x 50mm Taper-Lock           | 111583     | 1    |  |
| 2   | Timing Pulley, 14M 40T x 85W TB3020       | 111410     | 1    |  |
| 3   | Bolt, M16-2.0x60mm 8.8 HH Zinc            | F05004-281 | 8    |  |
| 4   | Bearing, UCFC 210 W/housing               | 533032     | 2    |  |
| 5   | Bolt, M16x50 8.8 Hex Head Full Thread     | F81006-7   | 4    |  |
| 6   | Washer, Lock Split.16,3 Fe/Zn5 PN-M/82008 | F81058-2   | 12   |  |
| 7   | Washer, M16 Flat                          | F05026-6   | 12   |  |
| 8   | Bearing, UCF 210 W/housing                | 523104     | 1    |  |
| 9   | Keyless Bushing, ID50xOD80, Flanged       | 523091     | 2    |  |
| 10  | Key, 14x9x72.5mm                          | 111501     | 1    |  |
| 11  | Feed Roller Shaft                         | 126864     | 1    |  |
| 12  | Ring, 50mm External Retaining DIN 471     | F04254-64  | 1    |  |
| 13  | Feed Roller Welded Barrel                 | 126861     | 1    |  |

### 3.17 Main Frame 3 Overview



| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)      | PART #    | QTY. |  |
|-----|-------------------------------------------------------------------|-----------|------|--|
|     | Assembly, Main Frame, Subassembly3                                | 118329    | 1    |  |
| 1   | Assembly, HD Bridge; Infeed ( <a href="#">See Section 3.18</a> )  | 111803    | 1    |  |
| 2   | Assembly, HD Bridge; Outfeed ( <a href="#">See Section 3.19</a> ) | 111804    | 1    |  |
| 3   | Assembly, Overhead Beam ( <a href="#">See Section 3.18</a> )      | 111806    | 1    |  |
| 4   | Plate, Bent Cover Bracket                                         | 111441    | 1    |  |
| 5   | Screw, M8x20mm SHC                                                | F81002-30 | 4    |  |
| 6   | Washer, 8mm Split Lock, Zn                                        | F05011-45 | 4    |  |
| 7   | Washer, M8 Flat                                                   | F05026-4  | 4    |  |
| 8   | Plate, Bent Cover Bracket2                                        | 111442    | 1    |  |
| 9   | Assembly, Main Frame, Subassembly3                                | 118329    | 1    |  |

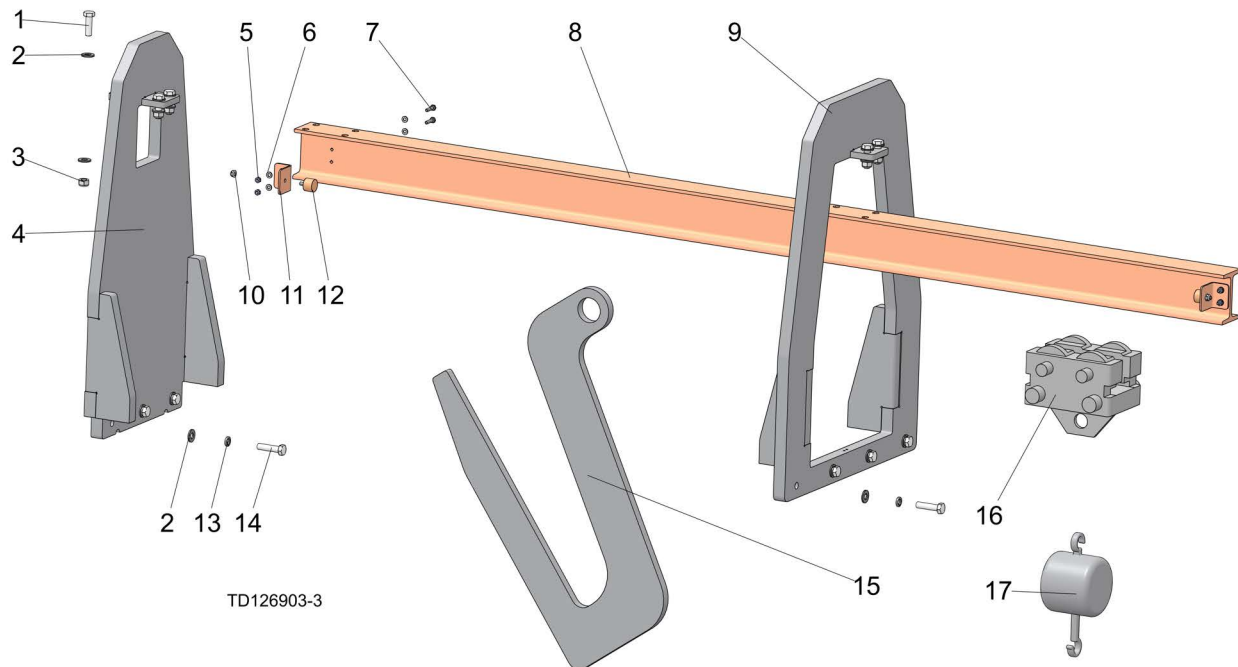
## 3.18 Hold Down Bridges



TD126903-2

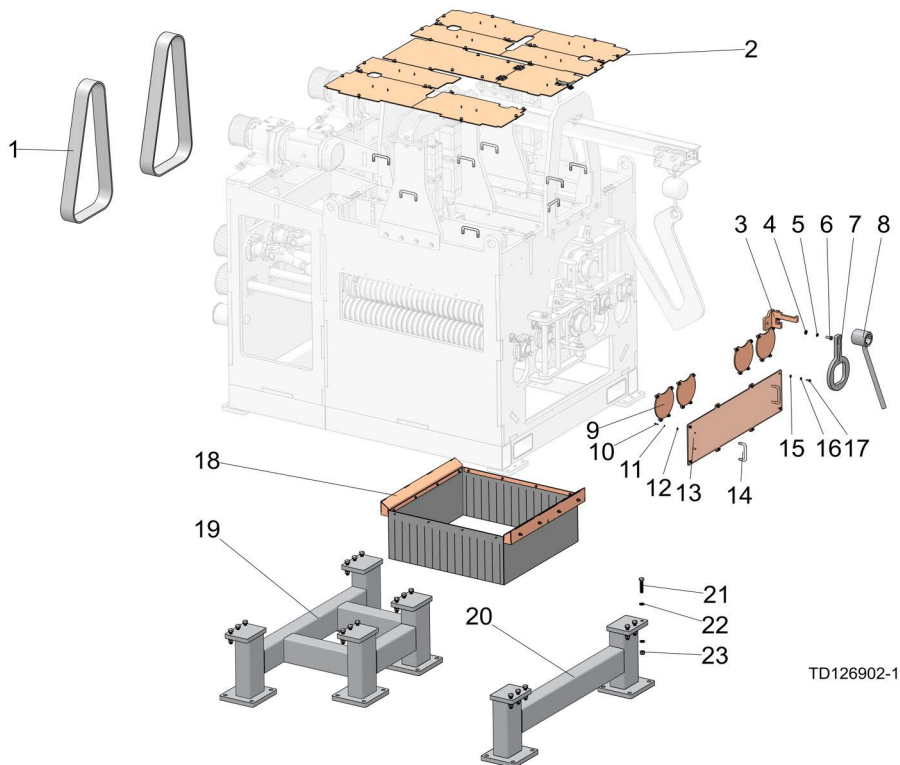
| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #     | QTY. |  |
|-----|--------------------------------------------------------------|------------|------|--|
|     | <b>Hold Down Bridge, Infeed</b>                              | 111803     | 1    |  |
|     | Hold Down Bridge, Outfeed                                    | 111804     | 1    |  |
| 1   | Bolt, M16-2.0x60mm 8.8 HH Zinc                               | F05004-281 | 6    |  |
| 2   | Washer, M16 Flat                                             | F05026-6   | 12   |  |
| 3   | <b>Weldment, HD Bridge; Infeed</b>                           | 111413     | 1    |  |
|     | Weldment, HD Bridge; Outfeed                                 | 111424     | 1    |  |
| 4   | Nut, M16-2 Class 8 Nylock                                    | F05027-6   | 6    |  |
| 5   | Weldment, HD Bridge Support                                  | 111805     | 2    |  |
| 6   | Bolt, M12x1.75x40mm HH FT CL10.9 Zinc                        | F05004-250 | 8    |  |
| 7   | Washer, Z12.2 FE/ZN5 PN-77/M-82008                           | F81056-2   | 8    |  |
| 8   | Washer, M12 Flat Zinc                                        | F05011-124 | 8    |  |
| 9   | Weldment, Cover Bracket                                      | 111438     | 1    |  |
| 10  | Quick-release Pin, ZNC-PLTD STL Shoulder-style               | 111422     | 2    |  |

### 3.19 Overhead Beam



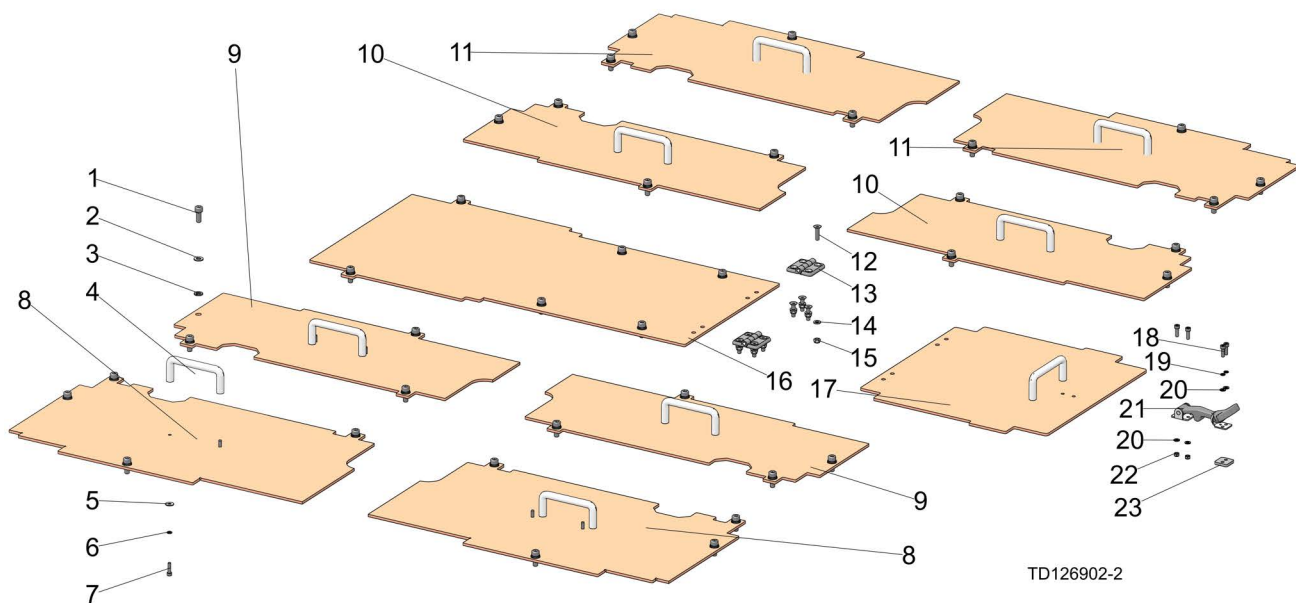
| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #     | QTY. |  |
|-----|--------------------------------------------------------------|------------|------|--|
|     | Assembly, Overhead Beam                                      | 111806     | 1    |  |
| 1   | Bolt, M12x1.75x40mm HH FT CL10.9 Zinc                        | F05004-250 | 8    |  |
| 2   | Washer, M12 Flat Zinc                                        | F05011-124 | 23   |  |
| 3   | Nut, M12x1.75 Hex Nylock                                     | F05010-209 | 8    |  |
| 4   | Weldment, I_Beam RS                                          | 111430     | 1    |  |
| 5   | Nut, M6-1.0 Nylon Lock                                       | F05010-200 | 4    |  |
| 6   | Washer, M6 Flat Class 4                                      | F05026-1   | 8    |  |
| 7   | Bolt, M6-1 x 25 Class 8 HH                                   | F05020-33  | 4    |  |
| 8   | Beam, S4x7.7 Lbs/Ft Stl x 82.68in                            | 111807     | 1    |  |
| 9   | Weldment, I_Beam FS                                          | 111433     | 1    |  |
| 10  | Nut, 1/4-20 Flanged Hex Nylock                               | F05010-220 | 2    |  |
| 11  | Plate, Bent Trolley Stopper                                  | 111901     | 2    |  |
| 12  | Bumper, 1x3/4 Hard Silicone Rubber                           | 065717     | 2    |  |
| 13  | Washer, Z12.2 FE/ZN5 PN-77/M-82008                           | F81056-2   | 7    |  |
| 14  | Bolt, M12x1.75x50mm HH FT CL10.9 Zinc                        | F05007-193 | 7    |  |
| 15  | Plate, Sleeve Remover                                        | 111437     | 1    |  |
| 16  | Trolley, 1/2 ton Manual CBT_P-0050                           | 111435     | 1    |  |
| 17  | Chain Hoist, 1/2 ton Manual (contains chain)                 | 111436     | 1    |  |

## 3.20 Main Frame 4 Overview



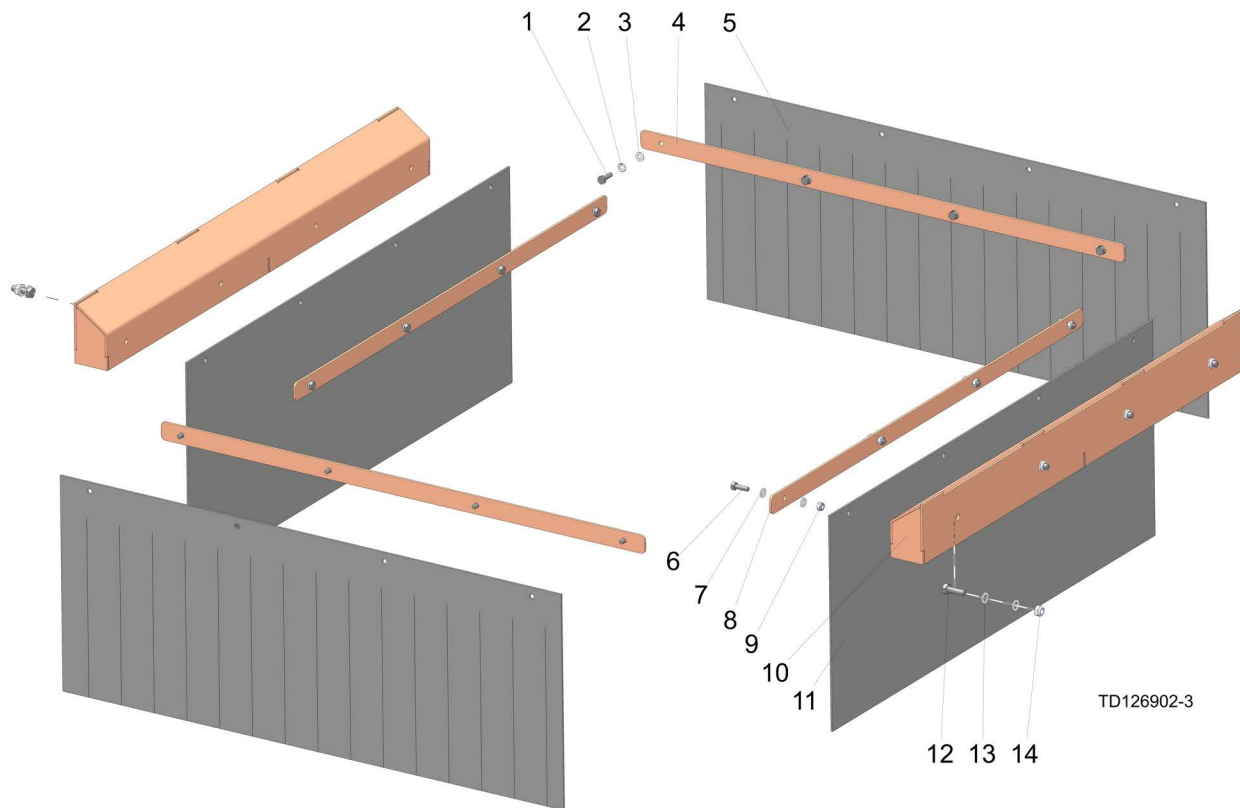
| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)  | PART #     | QTY. |  |
|-----|---------------------------------------------------------------|------------|------|--|
| 1   | Timing Belt, Omega HP 14Mx2100x85W                            | 111489     | 2    |  |
| 2   | Top Covers ( <a href="#">See Section 3.21</a> )               | N/A        | 9    |  |
| 3   | Weldment, Tool Holder                                         | 111479     | 1    |  |
| 4   | Washer, M12 FLAT Zinc                                         | F05011-124 | 2    |  |
| 5   | Washer, Z12.2 FE/ZN5 PN-77/M-82008                            | F81056-2   | 2    |  |
| 6   | Bolt, M12x1.75x30mm HH Znc                                    | F05008-175 | 2    |  |
| 7   | Plate, Nut Removal Spanner                                    | 111482     | 1    |  |
| 8   | Assembly, Arbor Spanner                                       | 111483     | 1    |  |
| 9   | Plate, Cover, Roller Removal                                  | 111443     | 4    |  |
| 10  | Screw, #10-32x3/4 SHC BO                                      | F05004-164 | 4    |  |
| 11  | Washer, #10 Split Lock                                        | F05011-20  | 4    |  |
| 12  | Washer, #10 SAE Flat                                          | F05011-18  | 4    |  |
| 13  | Plate, Sawdust Door                                           | 111445     | 1    |  |
| 14  | Handle, 4" Center-to-Center, 1.2" grip, AL                    | 111446     | 2    |  |
| 15  | Washer, M8 Flat                                               | F05026-4   | 24   |  |
| 16  | Washer, 8mm Split Lock, Zn                                    | F05011-45  | 24   |  |
| 17  | Bolt, M8-1.25x20 Class 8 HH                                   | F05021-2   | 24   |  |
| 18  | Saw Dust Chute Extension ( <a href="#">See Section 3.22</a> ) |            | 1    |  |
| 19  | Weldment, Subbase Frame 1                                     | 111494     | 1    |  |
| 20  | Weldment, Subbase Frame 2                                     | 111500     | 1    |  |
| 21  | Bolt, M16x2x80 HH FT                                          | F05025-28  | 18   |  |
| 22  | Washer, M16 Flat                                              | F05026-6   | 36   |  |
| 23  | Nut, M16-2 Class 8 Nylock                                     | F05027-6   | 18   |  |

### 3.21 Top Covers



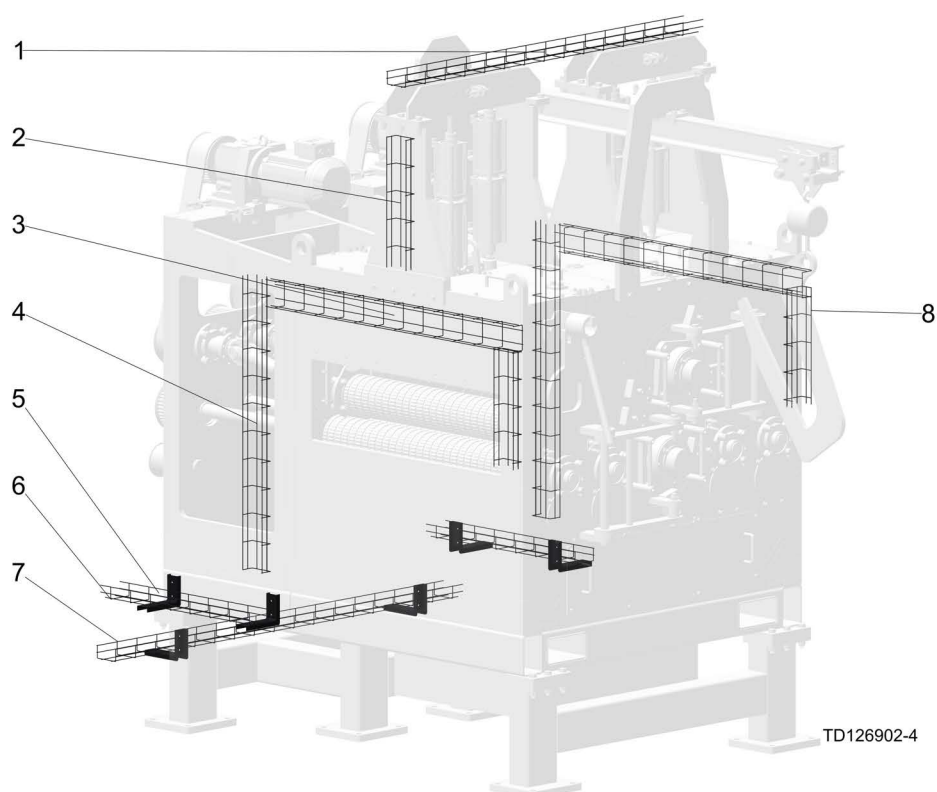
| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)         | PART #     | QTY. |  |
|-----|----------------------------------------------------------------------|------------|------|--|
| 1   | Screw, M8x20mm SHC                                                   | F81002-30  | 38   |  |
| 2   | Washer, M8 Flat                                                      | F05026-4   | 38   |  |
| 3   | Washer, 8mm Split Lock, Zn                                           | F05011-45  | 38   |  |
| 4   | Handle, 4" Center-to-Center, 1/2" Grip, AL                           | 111446     | 9    |  |
| 5   | Washer, #10 SAE Flat                                                 | F05011-18  | 18   |  |
| 6   | Washer, #10 Split Lock                                               | F05011-20  | 18   |  |
| 7   | Screw, #10-32x3/4 SHC BO                                             | F05004-164 | 18   |  |
| 8   | Plate, Top Cover 1, Infeed                                           | 111448     | 2    |  |
| 9   | Plate, Top Cover 2, Infeed                                           | 111451     | 2    |  |
| 10  | Plate, Top Cover 2, Outfeed                                          | 111454     | 2    |  |
| 11  | Plate, Top Cover 1, Outfeed                                          | 111457     | 2    |  |
|     | Assembly, Middle Door (appropriate quantities of items 1-8 included) | 11459      | 1    |  |
| 12  | Screw, M6x1x25mm FHS                                                 | F05004-266 | 8    |  |
| 13  | Hinge, Surface Mount, Leaf 50x50                                     | 111462     | 2    |  |
| 14  | Washer, M6 Flat Class 4                                              | F05026-1   | 8    |  |
| 15  | Nut, M6-1.0 Nylon Lock                                               | F05010-200 | 8    |  |
| 16  | Plate, Middle Cover                                                  | 111464     | 1    |  |
| 17  | Plate, Middle Door                                                   | 111460     | 1    |  |
| 18  | Screw, Socket Head Cap M5x16 8.8 Fe/Zn5                              | F81000-25  | 4    |  |
| 19  | Washer, M5 Split Lock                                                | F81052-2   | 2    |  |
| 20  | Washer, M5 Flat Zinc                                                 | F81052-1   | 4    |  |
| 21  | Latch, Flexible Draw Handle                                          | 111461     | 1    |  |
| 22  | Nut, M5-.8 Class 8 Hex Nyloc                                         | F05027-3   | 2    |  |
| 23  | Plate, Latch Spacer                                                  | 111463     | 1    |  |

### 3.22 Saw Dust Chute Extension



| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #     | QTY. |  |
|-----|--------------------------------------------------------------|------------|------|--|
|     | Assembly, SD Rubber 2                                        | 111577     | 2    |  |
| 1   | Bolt, M6-1x20 HH Class 8                                     | F05020-6   | 4    |  |
| 2   | Washer, M6 Split Lock                                        | F05026-2   | 4    |  |
| 3   | Washer, M6 Flat Class 4                                      | F05026-1   | 8    |  |
| 4   | Plate, SD Chute Rubber Clamp                                 | 111575     | 1    |  |
| 5   | Rubber, SD Chute 2                                           | 111579     | 1    |  |
|     | Assembly, SD Chute Extension                                 | 111574     | 2    |  |
| 6   | Bolt, M6-1x20 HH Class 8                                     | F05020-6   | 4    |  |
| 7   | Washer, M6 Flat Class 4                                      | F05026-1   | 8    |  |
| 8   | Plate, SD Chute Rubber Clamp                                 | 111575     | 1    |  |
| 9   | Nut, M6-1.0 Nylon Lock                                       | F05010-200 | 4    |  |
| 10  | Weldment, SD Chute Extension                                 | 111571     | 1    |  |
| 11  | Rubber, SD Chute 1                                           | 111573     | 1    |  |
| 12  | Bolt, M8x1.25x25 HH FT                                       | F05004-40  | 4    |  |
| 13  | Washer, M8 Flat                                              | F05026-4   | 8    |  |
| 14  | Nut, M8-1.25 Hex Nylock                                      | F05010-132 | 4    |  |

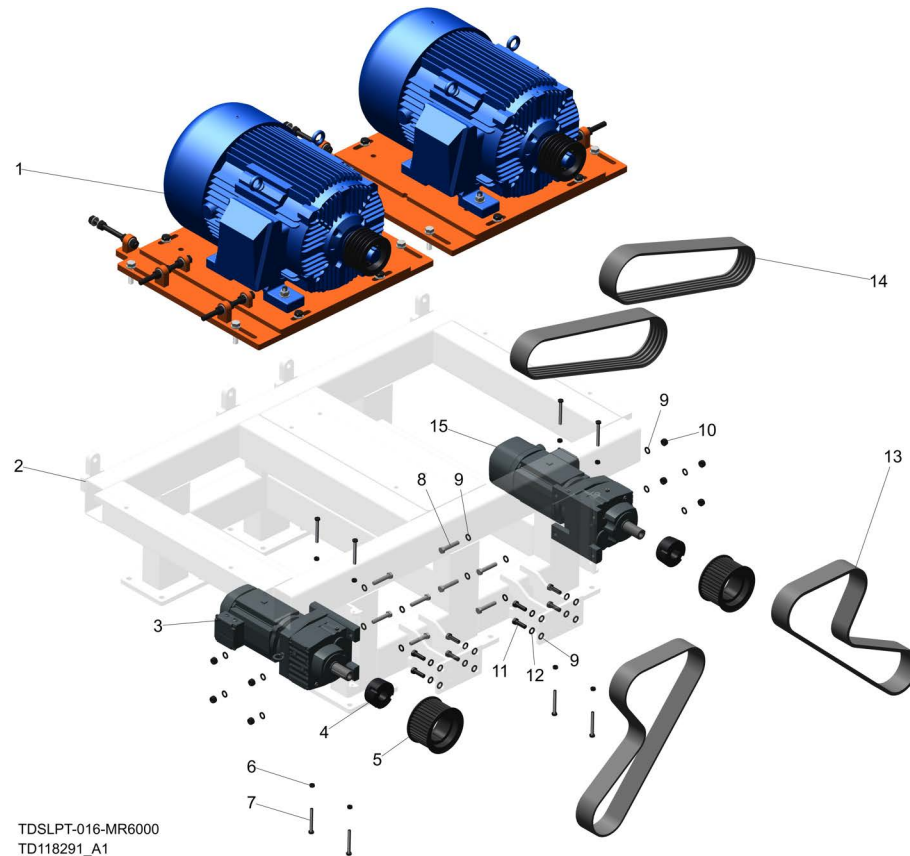
### 3.23 Wiring Baskets



| REF | DESCRIPTION (↗ Indicates Parts Available in Assemblies Only) | PART #       | QTY. |  |
|-----|--------------------------------------------------------------|--------------|------|--|
| 1   | Basket, 60" L                                                | 120537_60    | 1    |  |
| 2   | Basket, 19" L                                                | 120537_19    | 1    |  |
| 3   | Basket, 50" L                                                | 120537_50    | 2    |  |
| 4   | Basket, 42-3/4" L                                            | 120537_42_75 | 2    |  |
| 5   | Bracket, Tray Mount                                          | 120536       | 6    |  |
| 6   | Basket, 30" L                                                | 120537_30    | 2    |  |
| 7   | Basket, 70" L                                                | 120537_70    | 1    |  |
| 8   | Basket, 17" L                                                | 120537_17    | 2    |  |

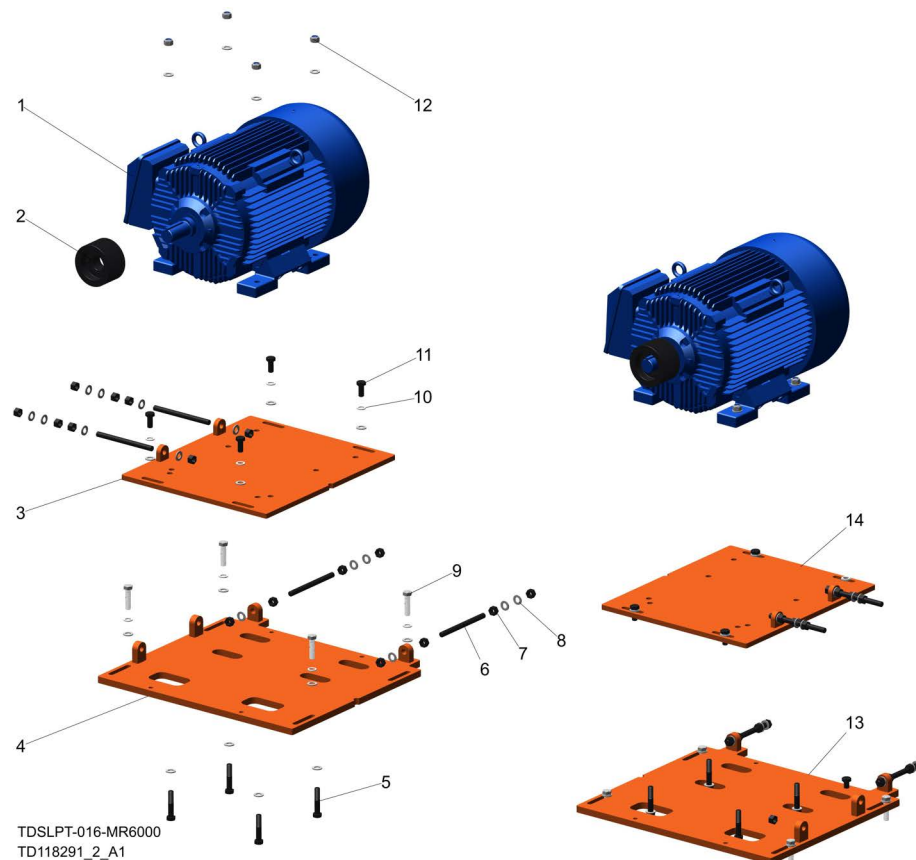
## SECTION 4 MOTOR RACK

### 4.1 Motor Rack Overview



| REF | DESCRIPTION (★ Indicates Parts Available in Assemblies Only) | PART #     | QTY. |  |
|-----|--------------------------------------------------------------|------------|------|--|
|     | Assembly, Motor Rack                                         | 118291     | 1    |  |
| 1   | Motor Assemblies <a href="#">(See Section 4.2)</a>           | 112605     | 2    |  |
| 2   | Weldment, Motor Rack Frame                                   | 118292     | 1    |  |
| 3   | Gearmotor, 29:1, 5HP, M6 Mount                               | 111852     | 1    |  |
| 4   | Bushing, 3020 x 1 5/8 Taper-Lock                             | 111411     | 2    |  |
| 5   | Timing Pulley, 14M 40T x 85W TB3020                          | 111410     | 2    |  |
| 6   | Nut, M12x1.75 Free Zinc                                      | F05010-212 | 8    |  |
| 7   | Bolt, M12-1.75 x 100 Class 8.8 FT HH Zinc                    | F05023-31  | 8    |  |
| 8   | Bolt, M16x2x80 HH FT                                         | F05025-28  | 8    |  |
| 9   | Washer, M16 Flat                                             | F05026-6   | 24   |  |
| 10  | Nut, M16-2 Class 8 Nylock                                    | F05027-6   | 8    |  |
| 11  | BOLT, M16-2x50mm HH Clas8.8                                  | F05025-6   | 8    |  |
| 12  | Washer, M16 Spring Lock Zinc                                 | F05026-20  | 8    |  |
| 13  | Timing Belt, Omega HP 14Mx2100x85W                           | 111854     | 1    |  |
| 14  | Belt, 5/5VX670                                               | 111616     | 1    |  |
| 15  | Gearmotor w/Encoder, 29:1, 5HP, M5 Mount                     | 111790     | 1    |  |

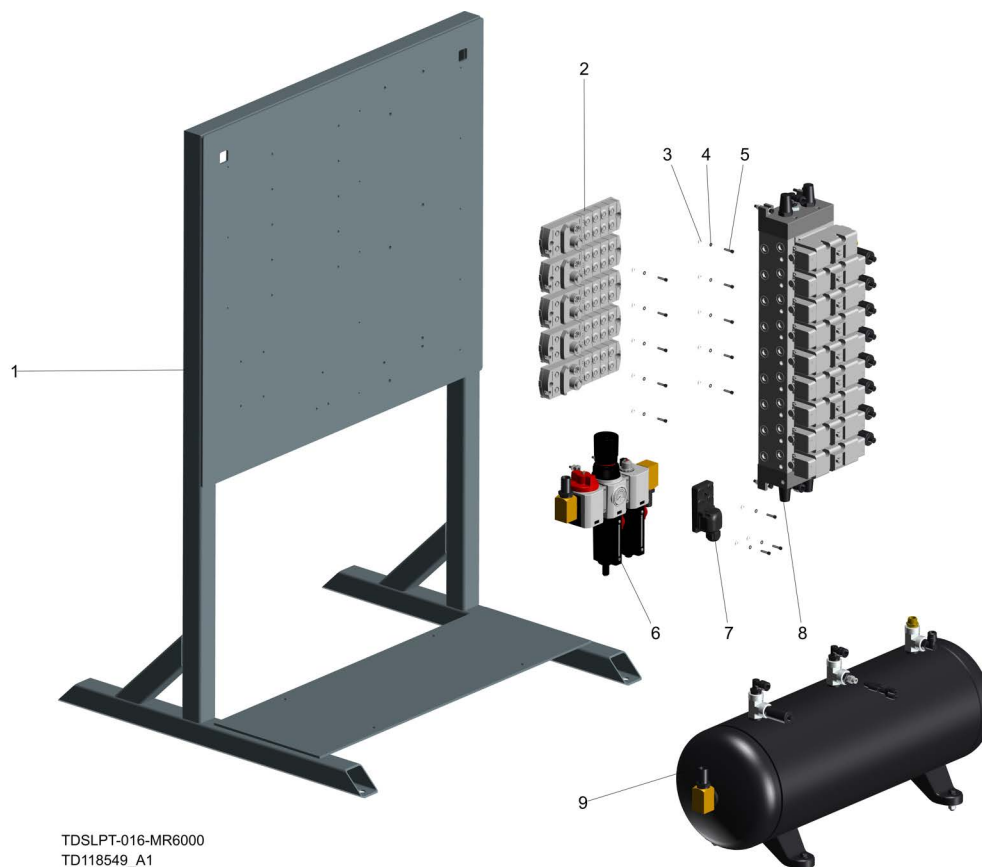
## 4.2 Motor Assemblies



| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #    | QTY. |  |
|-----|--------------------------------------------------------------|-----------|------|--|
| 1   | Motor, 100HP, IE3, 230/460V, 405TS , 2 Pole                  | 112605    | 2    |  |
| 2   | Assy, 5V6.3-5-SK                                             | 111613    | 2    |  |
|     | Key                                                          | 111613_1  | 2    |  |
|     | Bushing, SK 2-1/8                                            | 111615    | 2    |  |
|     | Sheave, 5V6.3-5-SK                                           | 111614    | 2    |  |
|     | Bolt                                                         | 111613_2  | 6    |  |
|     | Washer                                                       | 111613_3  | 6    |  |
| 3   | Weldment, MR T_Mount 1 IF                                    | 111523    | 1    |  |
| 4   | Weldment, MR T_Mount 2 IF                                    | 111515    | 1    |  |
| 5   | Bolt, M20-2.5 x 100 Class 8.8 HH Zinc                        | F05025-31 | 8    |  |
| 6   | Rod, M20-2.5x254mm                                           | 117732    | 8    |  |
| 7   | Nut, M20-2.5 Free                                            | F05027-26 | 32   |  |
| 8   | Washer, M20 Flat Zinc                                        | F05026-16 | 64   |  |
| 9   | Bolt, M20x2.5x80 HH FT                                       | F05025-27 | 8    |  |
| 10  | Washer, M20 Split Lock                                       | F05026-3  | 16   |  |
| 11  | Bolt, M20-2.5 x 45 Class8 HH                                 | F05025-3  | 8    |  |
| 12  | Nut, M20-2.5 Nylock                                          | F05027-42 | 8    |  |
| 13  | Weldment, MR T_Mount 2 OF                                    | 111519    | 1    |  |
| 14  | Weldment, MR T_Mount 1 OF                                    | 111520    | 1    |  |

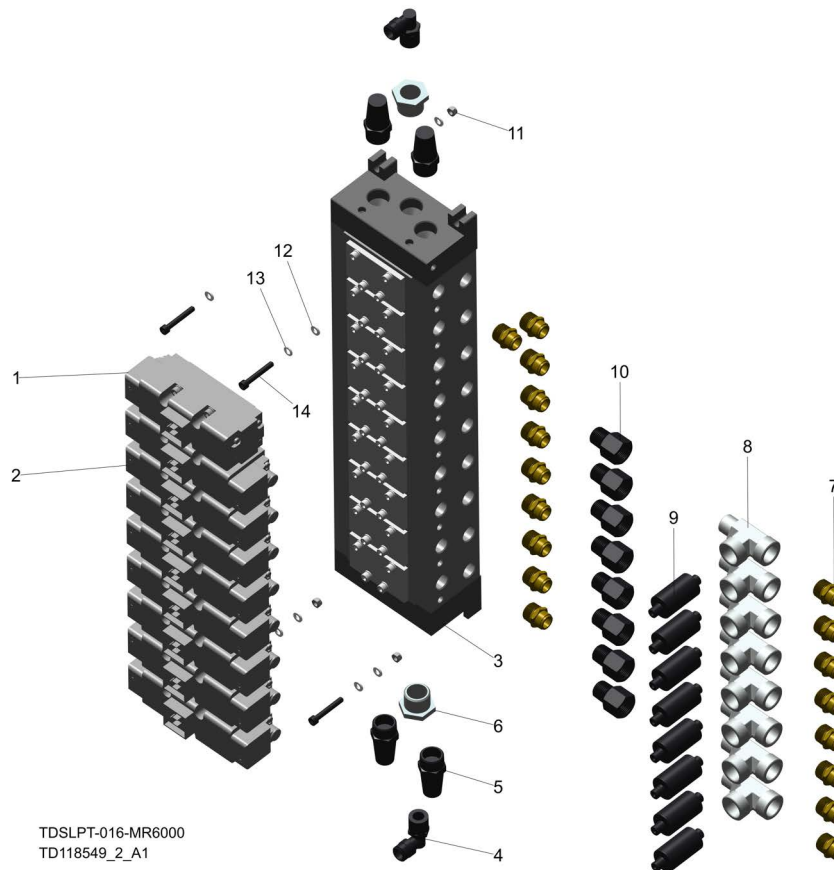
## SECTION 5 CONTROL CABIN

### 5.1 Pneumatic Stand



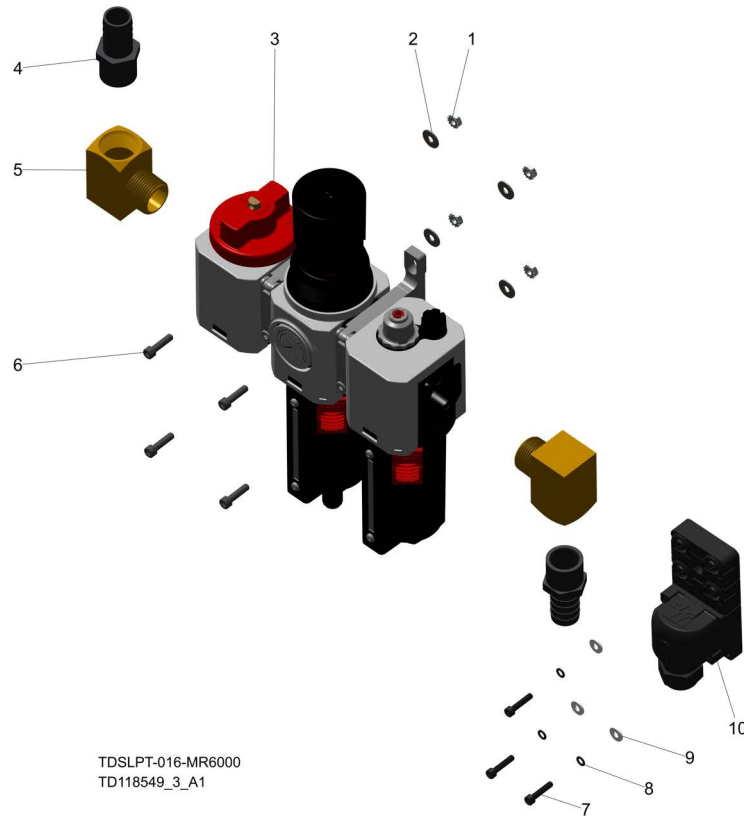
| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)  | PART #     | QTY. |  |
|-----|---------------------------------------------------------------|------------|------|--|
|     | Assy, NWS stand with Valve holes                              | 118549     |      |  |
| 1   | Stojak zaworów pneumatycznych                                 | 563730-1   | 1    |  |
| 2   | PLC Module, EtherNet_IP DO8x2A IP67                           | 112620     | 5    |  |
| 3   | WASHER, #8 SAE FLAT ZINC                                      | F05011-41  | 13   |  |
| 4   | Washer, #8 Split Lock                                         | F05011-84  | 13   |  |
| 5   | Screw, #8-32x3/4 BO SHCS                                      | F05005-225 | 13   |  |
| 6   | Assy, FRL with fittings ( <a href="#">See Section 5.3</a> )   | 120594     | 1    |  |
| 7   | Junction Block, 4 Port M12 4-pin                              | 112623     | 1    |  |
| 8   | Valve assembly MR6000 NWS ( <a href="#">See Section 5.2</a> ) | 118556     | 1    |  |
| 9   | Assy, Air Tank( <a href="#">See Section 5.4</a> )             | 120593     | 1    |  |

## 5.2 Valve Bank



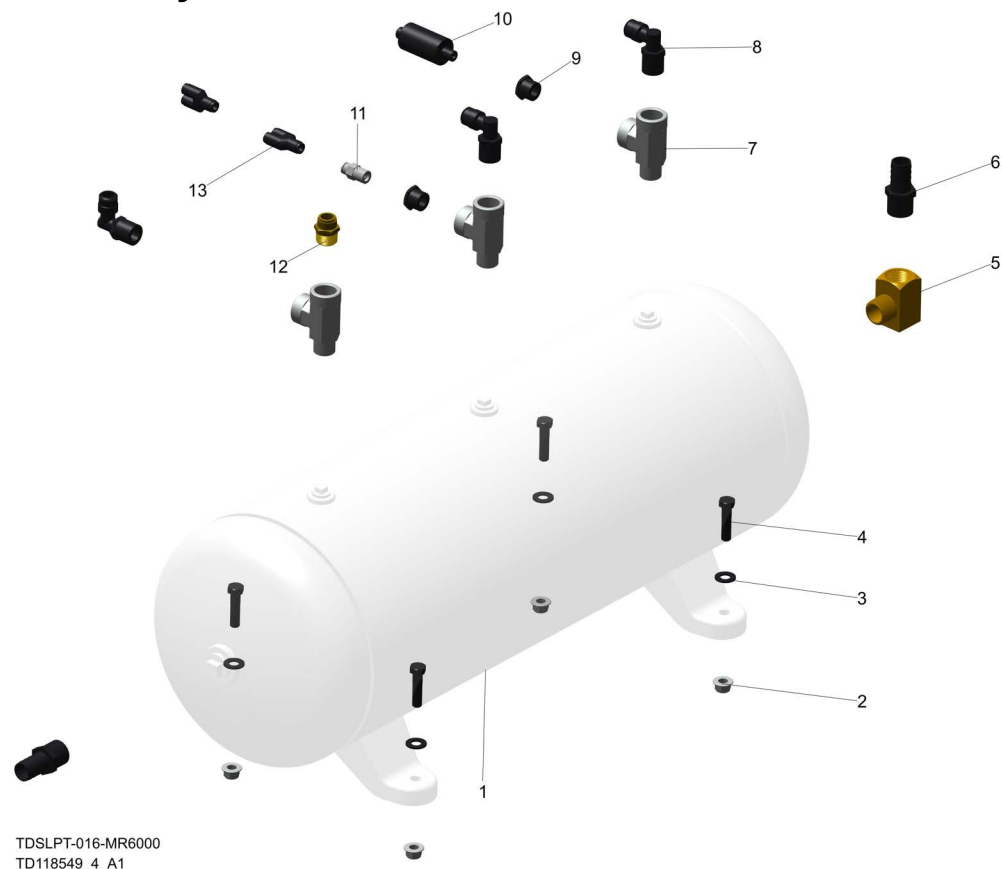
| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #     | QTY. |    |
|-----|--------------------------------------------------------------|------------|------|----|
|     | Valve assembly MR6000 NWS                                    | 118556     |      | 1  |
| 1   | Solenoid Valve, Size 2 Single Unit,                          | 118546     |      | 1  |
| 2   | ISO Solenoid Valve, Size 2 Double Solenoid                   | 118544     |      | 8  |
| 3   | Manifold Base; VQ7-8 Series, 9 Station                       | 118548     |      | 1  |
| 4   | Fitting, 1/2NPTSwvl-1/2"Push-In Elbw                         | 016880     |      | 2  |
| 5   | Muffler, 3/4NPT Air                                          | 120293     |      | 4  |
| 6   | Bushing, 3/4MNPT-1/2FNPT Pipe                                | 038742     |      | 2  |
| 7   | Fitting, 1/2NPT-1/2"Push-In Straight                         | 111560     |      | 18 |
| 8   | Fitting, 1/2NPT Male Street Tee                              | 003674     |      | 8  |
| 9   | Switch, 7.5-145psi 24V M12 PNP Pressure                      | 069487     |      | 8  |
| 10  | Straight Adapter, 1/2 NPTF Female x Male                     | 118550     |      | 8  |
| 11  | Nut, M6-1.0 Nylon Lock                                       | F05010-200 |      | 3  |
| 12  | Washer, M6 Flat Class 4                                      | F05026-1   |      | 7  |
| 13  | Washer, M6 Split Lock                                        | F05026-2   |      | 1  |
| 14  | Bolt, M6-1.0x40mm SHCS                                       | F05004-284 |      | 4  |

### 5.3 Filter, Regulator, and Lubricator (FRL) System



| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #     | QTY. |  |
|-----|--------------------------------------------------------------|------------|------|--|
| 1   | Assy, FRL with fittings                                      | 120594     | 1    |  |
| 1   | Nut, #10-24 Keps                                             | F05010-14  | 4    |  |
| 2   | Washer, #10 SAE Flat                                         | F05011-18  | 4    |  |
| 3   | FRL, 3/4NPT                                                  | 113323     | 1    |  |
| 4   | Fitting, 3/4 Brass Hose Barb                                 | 057420     | 2    |  |
| 5   | Fitting, Elbow 90 3/4 NPT Fml x MI                           | 112474     | 2    |  |
| 6   | Bolt, #10-24x3/4 SHC BO                                      | F05004-194 | 4    |  |
| 7   | Screw, #8-32x3/4 BO SHCS                                     | F05005-225 | 13   |  |
| 8   | Washer, #8 Split Lock                                        | F05011-84  | 13   |  |
| 9   | WASHER, #8 SAE FLAT ZINC                                     | F05011-41  | 13   |  |
| 10  | Junction Block, 4 Port M12 4-pin                             | 112623     | 1    |  |

## 5.4 Air Tank Assembly



| REF | DESCRIPTION (♦ Indicates Parts Available in Assemblies Only) | PART #     | QTY. |  |
|-----|--------------------------------------------------------------|------------|------|--|
|     | Assy, Air Tank                                               | 120593     | 1    |  |
| 1   | Air Storage Tank, 10 Gallon, ASME-Code                       | 120332     | 1    |  |
| 2   | Nut, 3/8-16 Flanged Hex Nylock                               | F05010-222 | 4    |  |
| 3   | Washer, 3/8 Flat SAE                                         | F05011-3   | 4    |  |
| 4   | Bolt, 3/8-16X1 1/2 HH GR2, Zinc                              | F05007-3   | 4    |  |
| 5   | Fitting, Elbow 90 3/4 NPT Fml x MI                           | 112474     | 1    |  |
| 6   | Fitting, 3/4 Brass Hose Barb                                 | 057420     | 2    |  |
| 7   | Fitting, 1/2NPT Male Street Tee                              | 003674     | 3    |  |
| 8   | Fitting, 1/2NPTSwwl-1/2"Push-In Elbw                         | 016880     | 3    |  |
| 9   | Fitting, 1/2NPTx1/4NPT Hex Bushing                           | P31321     | 2    |  |
| 10  | Switch, 7.5-145psi 24V M12 PNP Pressure                      | 069487     | 1    |  |
| 11  | Fitting, 1/4 NPT-1/4 Tube Straight                           | P20903     | 1    |  |
| 12  | Fitting, 1/2NPT-1/2"Push-In Straight                         | 111560     | 1    |  |
| 13  | Union, 1/4"Tube Y Push-In                                    | 042546     | 2    |  |