

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

SLPT-011-MR6000

rev. A1.00

Safety is our #1 concern!

Form #2470



**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**.



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**.

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

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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

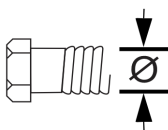
The Sample Assembly, Complete, part number 02345 (top level assembly) includes two parts (F0222-22 and F0333-33) and the 098765 subassembly.

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

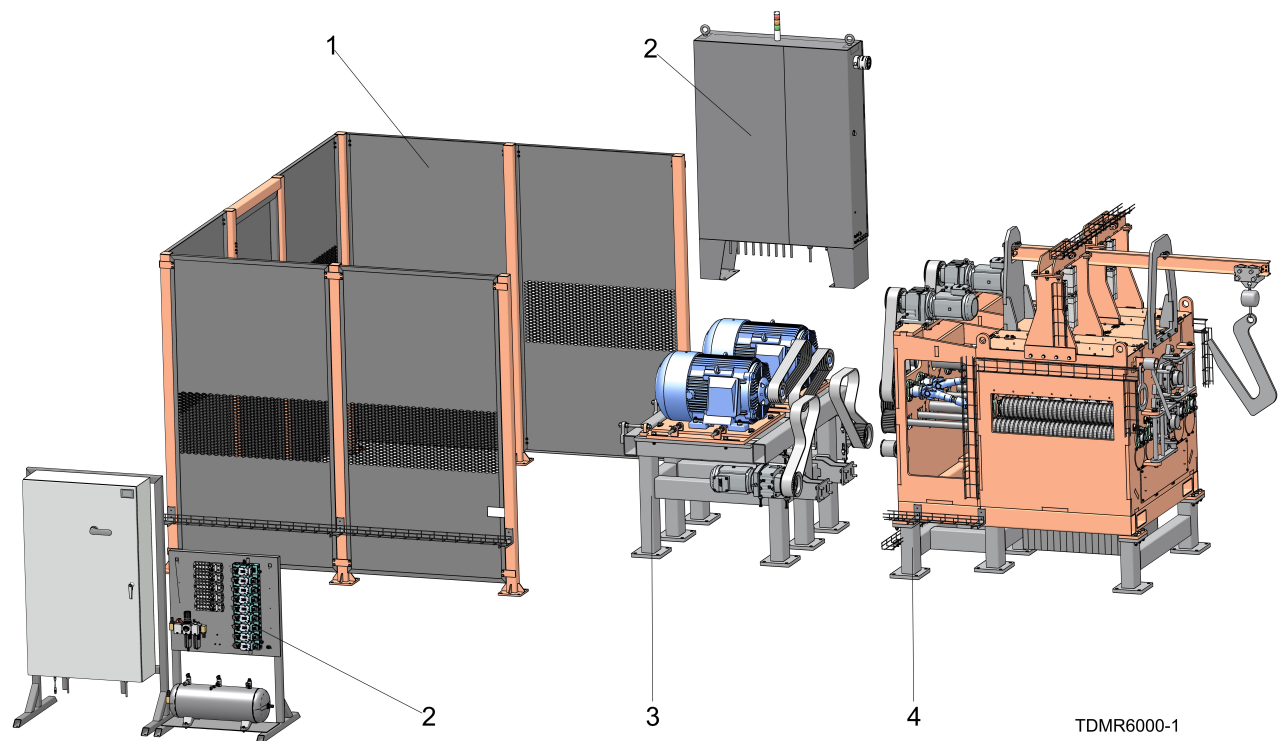
Metric
Grade 8.8

Metric
Grade 10.9

COARSE THREAD					FINE THREAD					Wrench Size
Diameter & Thread Pitch	Metric 8.8		Metric 10.9		Diameter & Thread 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

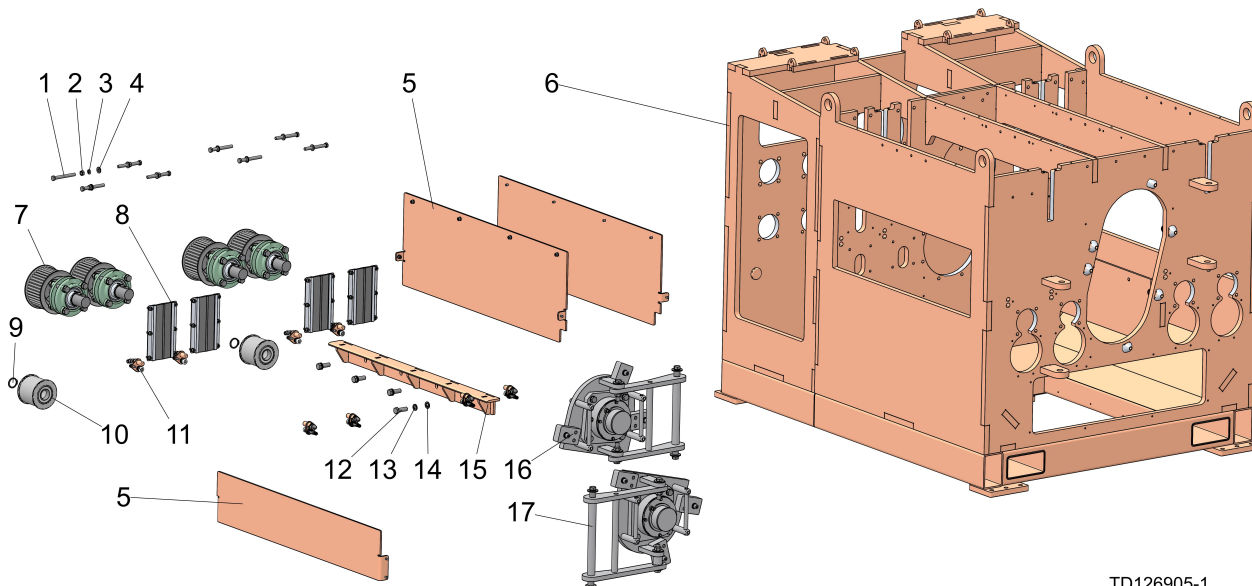
2.1 MR6000 Components



REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	Fence Assembly See SECTION 5 Fence		1	
2	Control Cabinets See SECTION 6 Control Cabinets		3	
3	Motor Rack See SECTION 4 Motor Rack		1	
4	Main Frames See SECTION 3 Main Frames		1	

SECTION 3 MAIN FRAMES

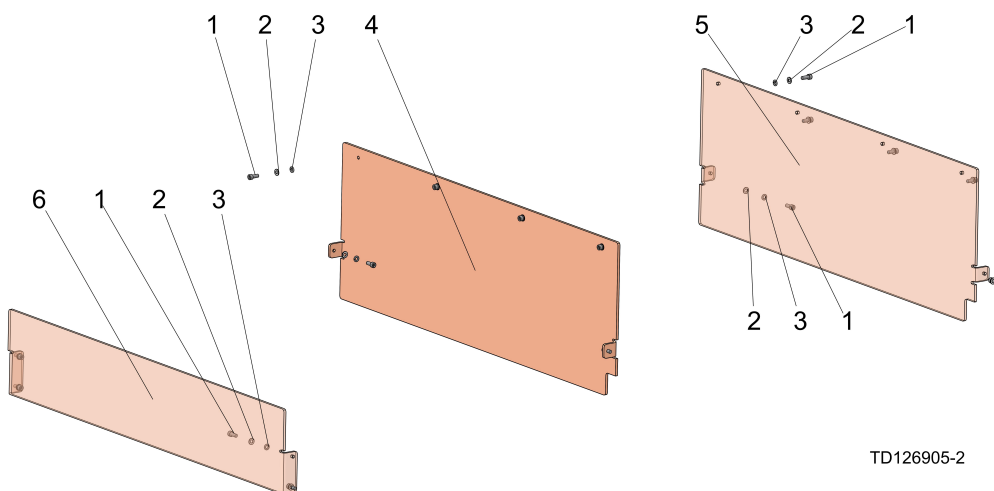
3.1 Main Frame 1 Overview



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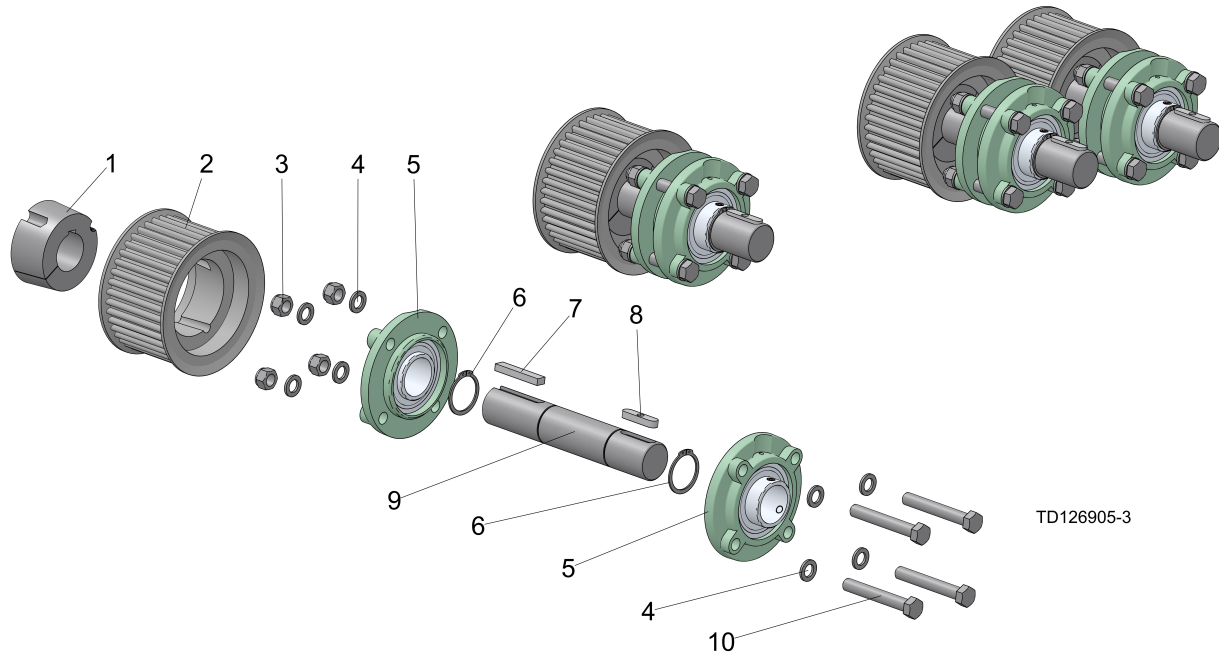
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	Bolt, M12x110 8.8 Zinc Hex Head Full	F81004-47	8	
2	Nut, M12x1.75 Free Znc	F05010-212	4	
3	Washer, Z12.2 FE/ZN5 PN-77/M-82008	F81056-2	8	
4	Washer, M12 Flat Zinc	F05011-124	8	
5	Inner Cover Assemblies (See Section 3.2)		3	
6	Weldment, CTE Main Frame	126906	1	
7	U-Joint Stub Drive See Section 3.3	126953	4	
8	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	
9	Ring, 40mm External Retaining DIN 471	F04254-63	2	
10	Belt Idler Pulley	126950	2	
	Pulley, Belt Idler	126951	1	
	Bearing, SNR 6208EE 1	126952	2	
11	Sensors See Section 3.4		8	
12	Bolt, M16x50 8.8 Hex Head Full Thread	F81006-7	4	
13	Washer, Lock 16,3 Fe/Zn5 PN-M/82008	F81058-2	4	
14	Washer, M16 Flat	F05026-6	4	
15	Weldment, Skid	126908	1	
16	Assembly, Top Door Hinge See Section 3.5	126923	1	
17	Assembly, Bottom Door Hinge See Section 3.5	126943	1	

3.2 Inner Cover Assemblies



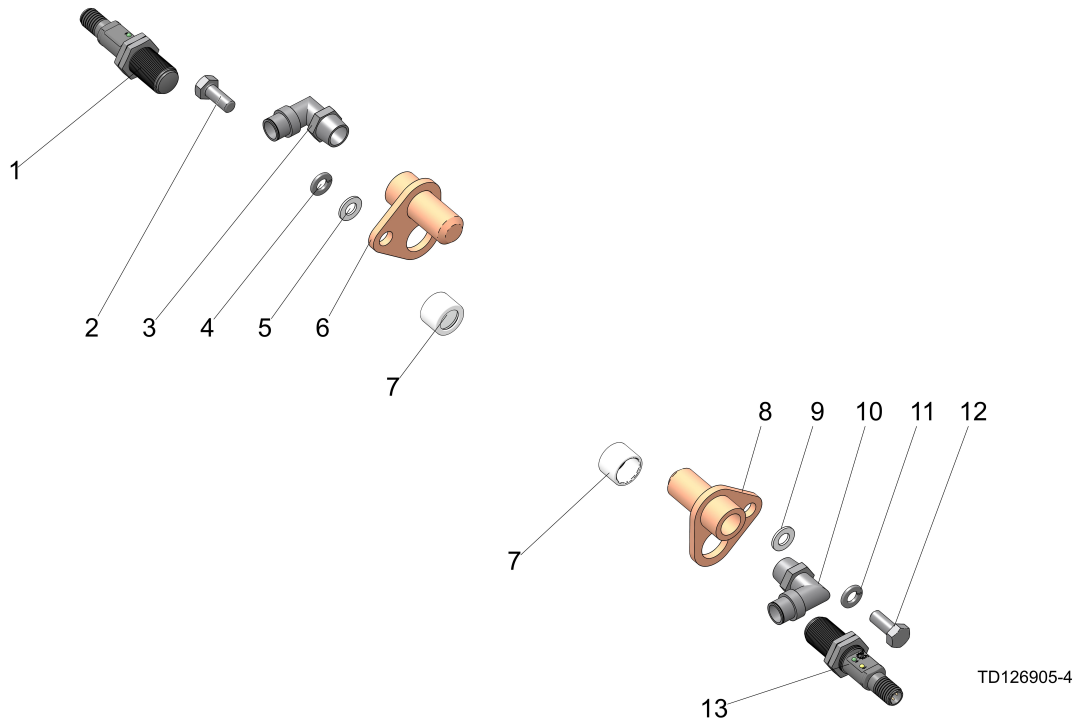
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	Screw, M8x20mm SHC	F81002-30	16	
2	Washer, M8 Flat	F05026-4	16	
3	Washer, 8mm Split Lock, Zn	F05011-45	16	
4	Assembly, Inner Cover; Top	111591	1	
5	Assembly, Inner Cover; Top Outfeed	111592	1	
6	Assembly, Inner Cover; Bottom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

3.3 Universal Joint Stub Drive



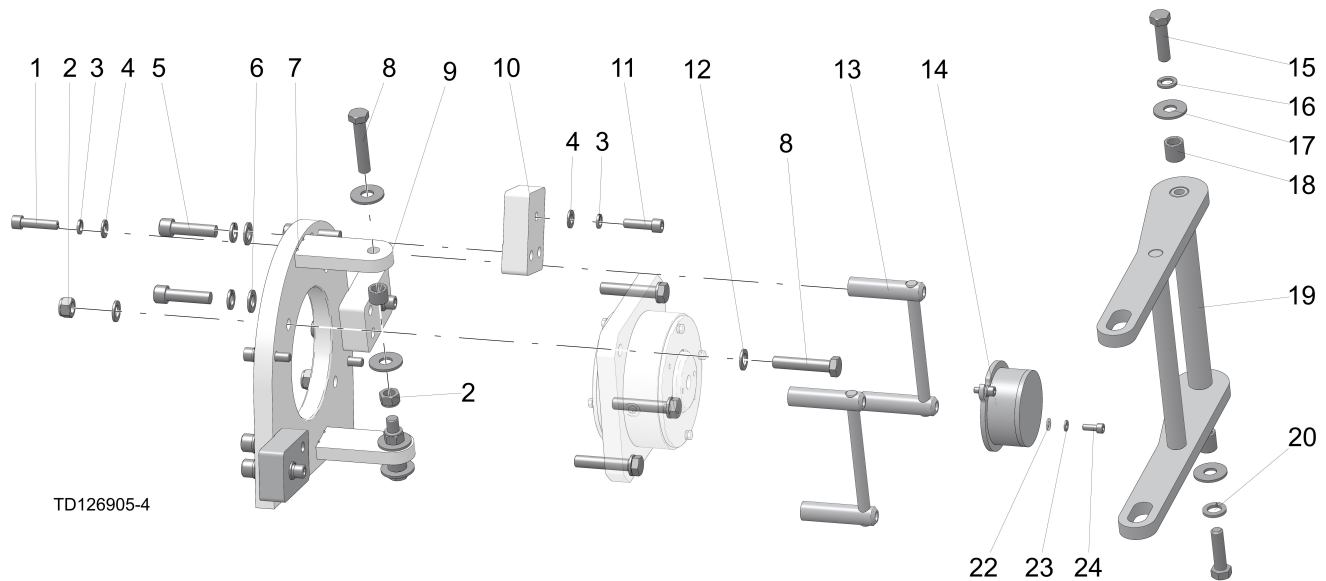
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
	Assembly, Universal Joint Stub Drive	126953	4	
1	Bushing, 3020 x 50mm Taper-Lock	111583	1	
2	Timing Pulley, 14M 40T x 85W TB3020	111410	1	
3	Nut, M16-2 Class 8 Nylock	F05027-6	4	
4	Washer, M16 Flat	F05026-6	8	
5	Bearing, UCFC 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-Fe/Zn5 PN-85/M-82101.	F81006-24	4	

3.4 Sensors



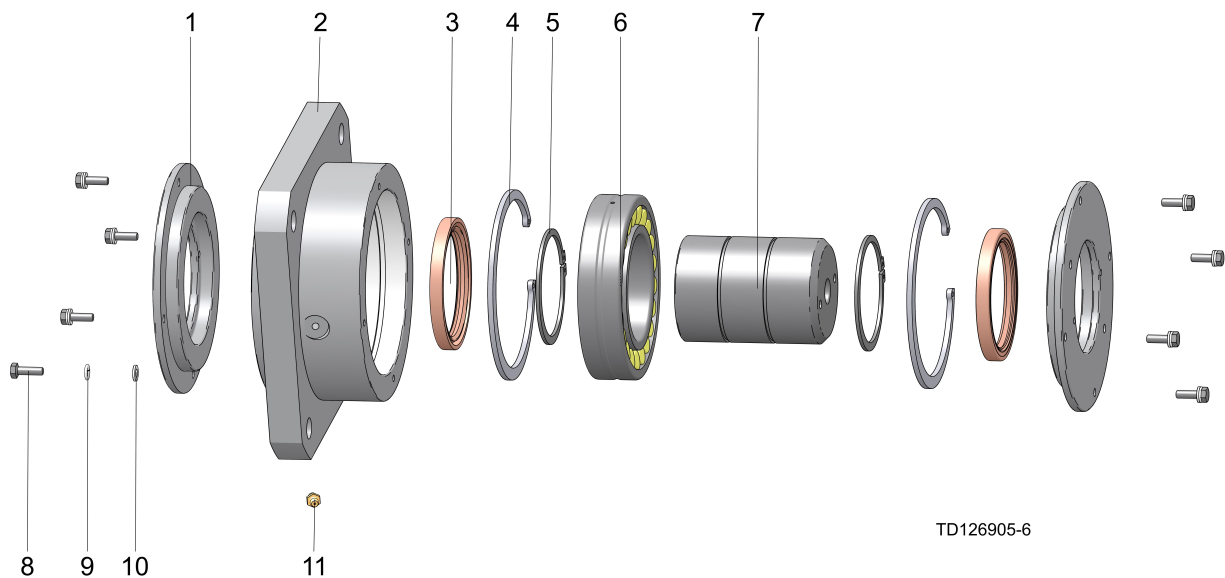
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	Sensor, Transmitter, SMT-7000-TS-J	112621	4	
	Assembly, Blow Port; RH	126916	4	
2	Bolt, M8-1.25x20 Class 8 HH	F05021-2	1	
3	Fitting, 1/2" Tube x 3/8 NPT Male Swivel	034009	1	
4	Washer, 8mm Split Lock, Zn	F05011-45	1	
5	Washer, 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	

3.5 Assembly, Door Hinges, Top and Bottom



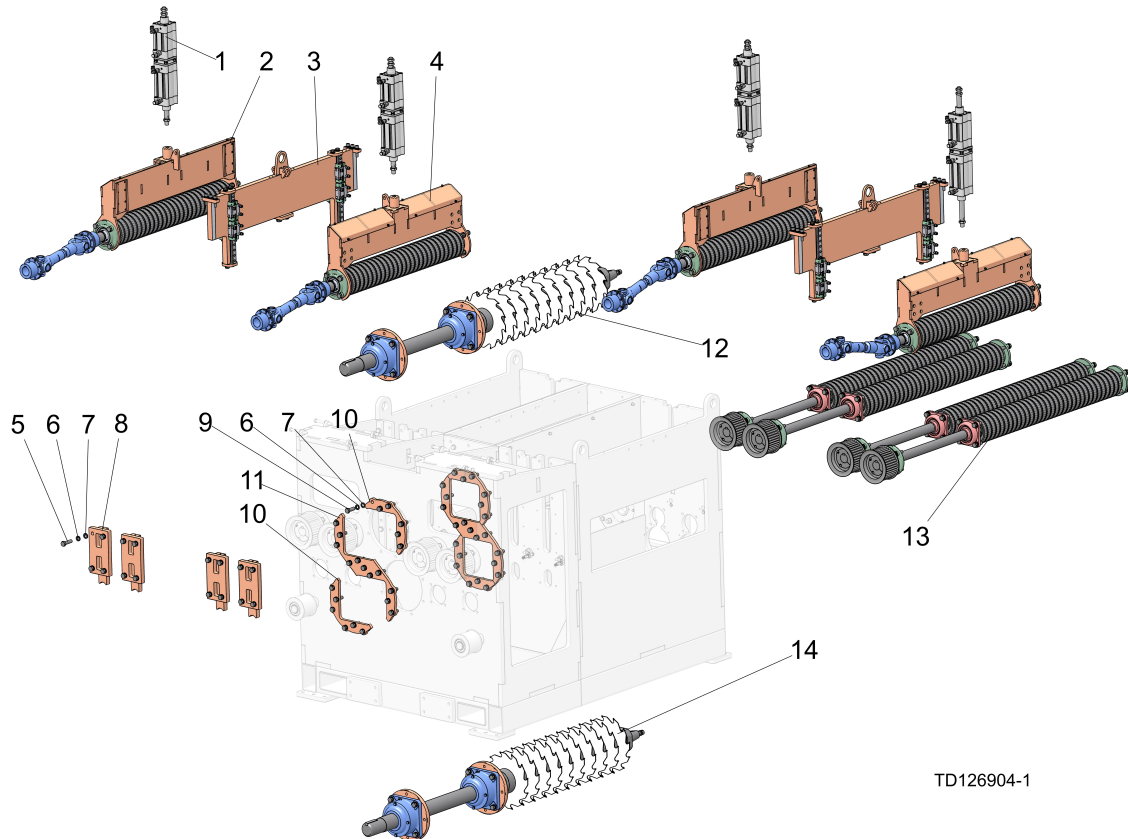
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
	Assembly, Top Door Hinge	126923	1	
	Assembly, Bottom Door Hinge	126943	1	
1	Bolt, M12x1.75x50 SHCS BO CL12.9	F05023-27	4	
2	Nut, M16-2 Class 8 Nylock	F05027-6	6	
3	Washer, Z12.2 FE/ZN5 PN-77/M-82008	F81056-2	7	
4	Washer, M12 Flat Zinc	F81056-1	7	
5	Screw, Socket Head Cap M16x60-8.8 Fe/Zn5 PN-M/82302	F81006-19	6	
6	Washer, 17 Flat Zinc	F81058-1	6	
7	Weldment, Top Door	126853	1	
	Weldment, Bottom Door	126858	1	
8	Bolt, M16x80-8.8-Fe/Zn5 PN-M/82101	F81006-41	6	
9	Bush, Door Hinge 3	126932	2	
10	Female Door Cone	126856	3	
11	Screw, Hex Socket Head Cap ISO 4762-M12x40-8.8-A2E	F81004-101	3	
12	Washer, M16 Flat	F05026-6	8	
13	Weldment, Door Handle	126929	2	
14	Weldment, DB Cover	126938	1	
15	Bolt, M16-2.0x60mm 8.8 HH Zinc	F05004-281	2	
16	Washer, Split Lock.16,3 Fe/Zn5 PN-M/82008	F81058-2	7	
17	Washer, 5/8 Standard Zinc Flat	F05011-40	6	
18	Bush Door Hinge 2	126942	2	
19	Weldment, Door Arm; Top	126924	1	
	Weldment, Door Arm; Bottom	126944	1	
20	Washer, 3/4 Split Lock	F05011-6	1	
21	Custom Door Bearing (See Section 3.6)	126896	1	
22	Washer, M8 Flat	F05026-4	2	
23	Washer, 8mm Split Lock, Zn	F05011-45	2	
24	Washer, 5/8 Standard Zinc Flat	F81002-30	2	

3.6 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	

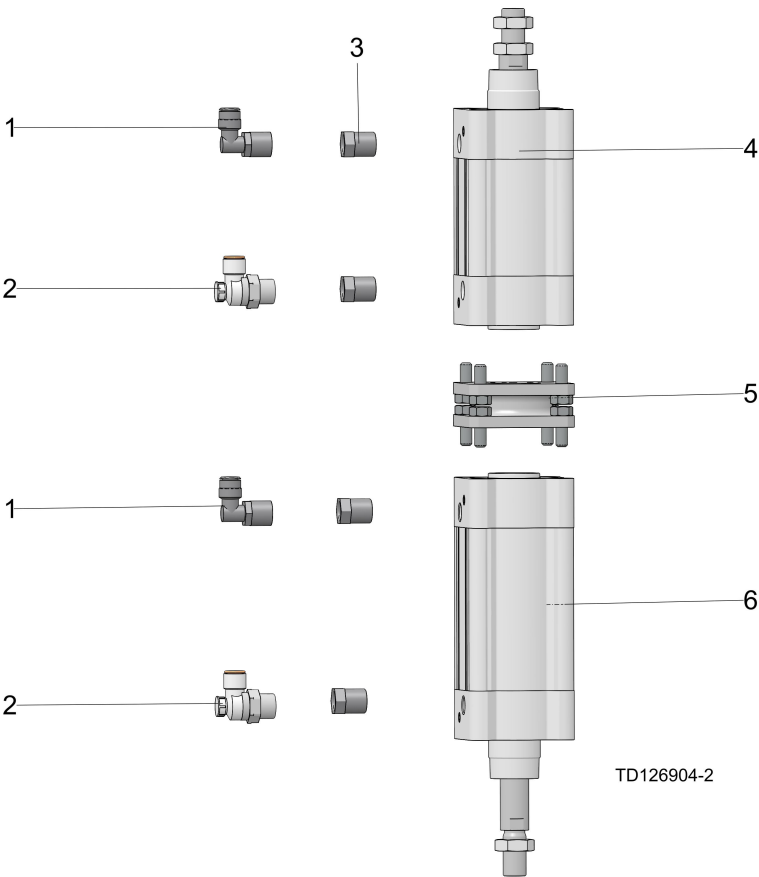
3.7 Main Frame 2 Overview



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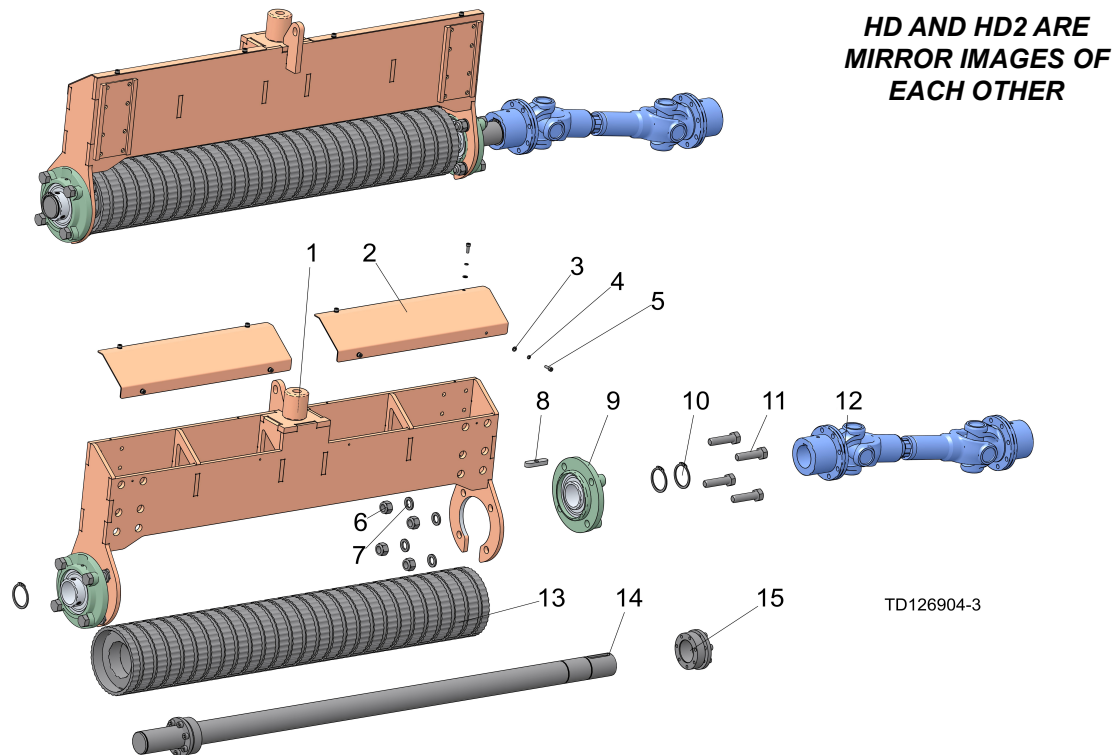
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	Pneumatic Cylinder DSBC-80-60-PPVA-N3 See Section 3.8	126995	4	
2	Assembly, HD2 See Section 3.9	126976	2	
3	Assembly, HD Guide See Section 3.10	126965	2	
4	Assembly, HD3 See Section 3.9	126991	2	
5	Bolt, M16-2.0x60mm 8.8 HH Zinc	F05004-281	16	
6	Washer, Split Lock 16,3 Fe/Zn5 PN-M/82008	F81058-2	62	
7	Washer, M16 Flat	F05026-6	62	
8	Weldment, Insert; Main Body	126999	4	
9	Bolt, M16x50 8.8 Hex Head Full Thread	F81006-7	46	
10	Plate, Arbor Bearing Mount 1	126957	4	
11	Plate, Arbor Bearing Mount 2	126958	2	
12	Assembly, Arbor; Top See Section 3.11	126870	1	
13	Assembly, Feed Roller See Section 3.12	126860	4	
14	Assembly, Arbor; Bottom See Section 3.11	126888	1	

3.8 Pneumatic Cylinders



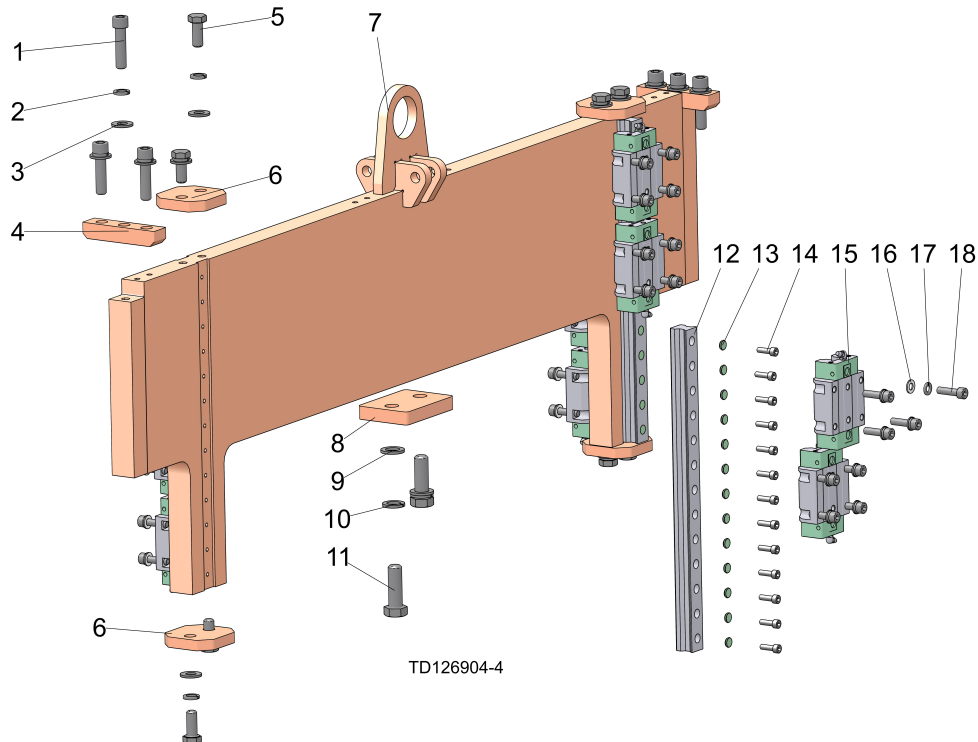
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
	Assembly, Dual Air Cylinders	126992	4	
1	Fitting, 1/2NPTSwvl-1/2"Push-In Elbow	016880	2	
2	Fitting, 1/2NPTM x 1/2Tube Flow Control	120516	2	
3	Adapter, R3/8 to 1/2 NPT (1786N265)	126996	4	
4	Pneumatic Cylinder, DSBC-80-60-PPVA-N3	126995	1	
5	Multiposition Kit, DPNC-80	126993	1	
6	Pneumatic Cylinder , DSBC-80-100-PPVA-N3	126994	1	

3.9 Hold Down Assemblies 2 and 3



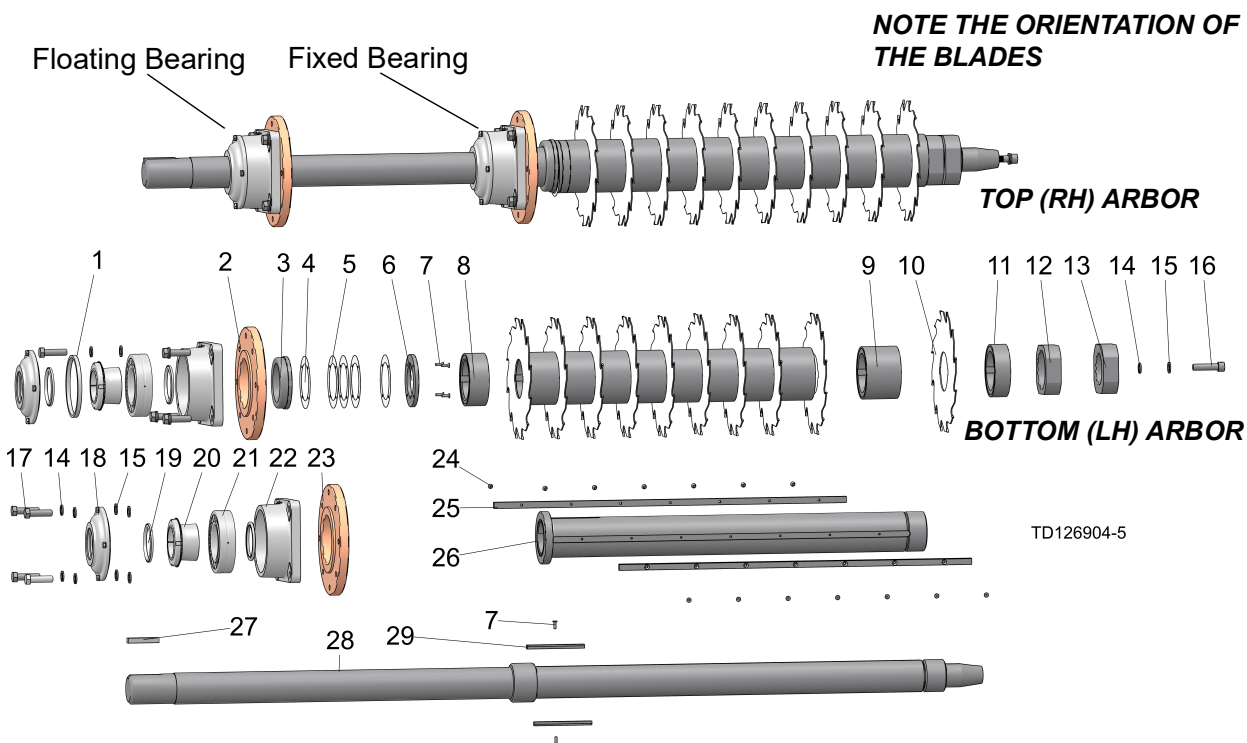
REF	DESCRIPTION	PART #	QTY.	
	Assembly, HD2	126976	2	
	Assembly, HD3	126991	2	
1	Weldment, HD Frame 2	126977	1	
2	Plate, HD SD Cover	126987	1	
3	Washer, M5 Flat Zinc	F81052-1	8	
4	Washer, M5 Split Lock	F81052-2	8	
5	Screw, Socket Head Cap M5x16 8.8 Fe/Zn5	F81000-25	8	
6	Nut, M16-2 Class 8 Nylock	F05027-6	8	
7	Washer, M16 Flat	F05026-6	8	
8	Key, 14x9x56mm	111502	1	
9	BEARING, UCFC 210 W/HOUSING	533032	2	
10	Ring, 50mm External Retaining DIN 471	F04254-64	3	
11	Bolt, M16-2.0x60mm 8.8 HH Zinc	F05004-281	8	
12	Universal Joint, SC2100 430 TUVJ	126988	1	
	Assembly, HD Roller, Sub-Assembly	111584	1	
13	Assembly, HD Welded Roller	126868	1	
14	HD Roller Shaft	126867	1	
15	Keyless Bushing, ID50xOD80, Flanged	523091	2	

3.10 Hold Down Guide Assembly



REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	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	

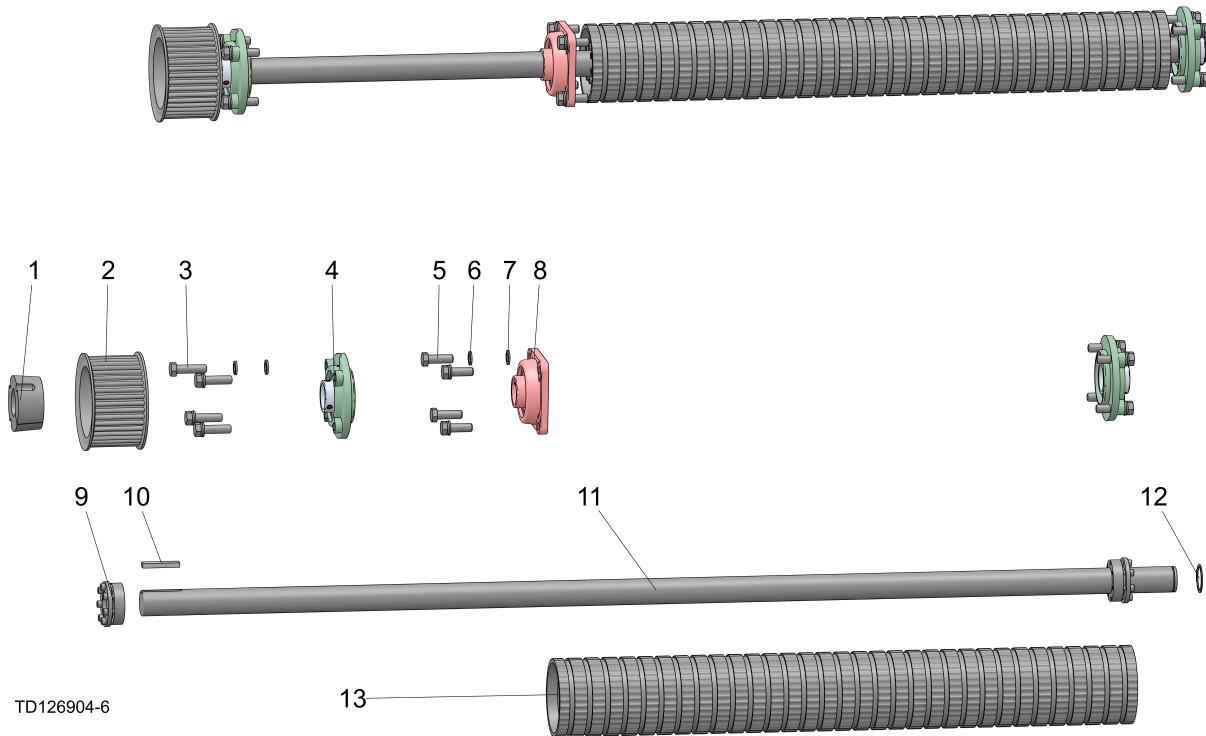
3.11 Blade Arbor Assemblies



REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
	Assembly, Arbor; Top (RH)	126870	1	
	Assembly, Arbor; Bottom (LH)	126888	1	
1	Locating Ring, FRB 10 160 (Fixed bearing only)	126961	1	
2	Adaptor2, Arbor Bearing	126887	1	
3	Arbor Adjustable Spacer	126873	1	
4	Shim, Arbor; SS 0.005"	111589	2	
5	Shim, Arbor; SS 0.01"	126874	3	
6	Adjustable Spacer Cap	126875	1	
7	Screw, Hex Countersunk M6X20-10.9 FE/ZN5 DIN7991	F81001-17	5	
8	Spacer, Arbor Sleeve 4in ID, 51.7mm	126881	1	
9	Spacer, Arbor Sleeve 4in ID, 91.2mm	126882	9	
10	MR6000 NWS, 3200DX12T	118344	10	
11	Spacer, Arbor Sleeve 4in ID, 41.28	126883	1	
12	Nut, Arbor Sleeve, Top RH	126884	1	
	Nut, Arbor Sleeve 4in, LH	126893	1	
13	Nut, Arbor , Top RH	126885	1	
	Nut, Arbor, LH	126894	1	
14	Washer, Split Lock, 16,3 Fe/Zn5 PN-M/82008	F81058-2	8	
15	Washer, M16 Flat	F05026-6	8	
16	Bolt, M16x2x65 SHCS BO Cl.12.9	F05025-29	1	
	Bolt, M16x2x65 LH SHCS BO Cl.12.9	111578	1	
17	Bolt, M16-2.0x60mm 8.8 HH Zinc	F05004-281	8	
18	Bearing Housing, Cap 722518B	111581	2	
19	Seal, ZF18 Viton, For Housing FNL518B/722518.B	126960	4	
20	Adapter Sleeve, H318	126962	2	
21	Bearing, Spherical Roller, 22218 EK/C3	126801	2	
22	Bearing Housing, Base 722518B	111580	2	

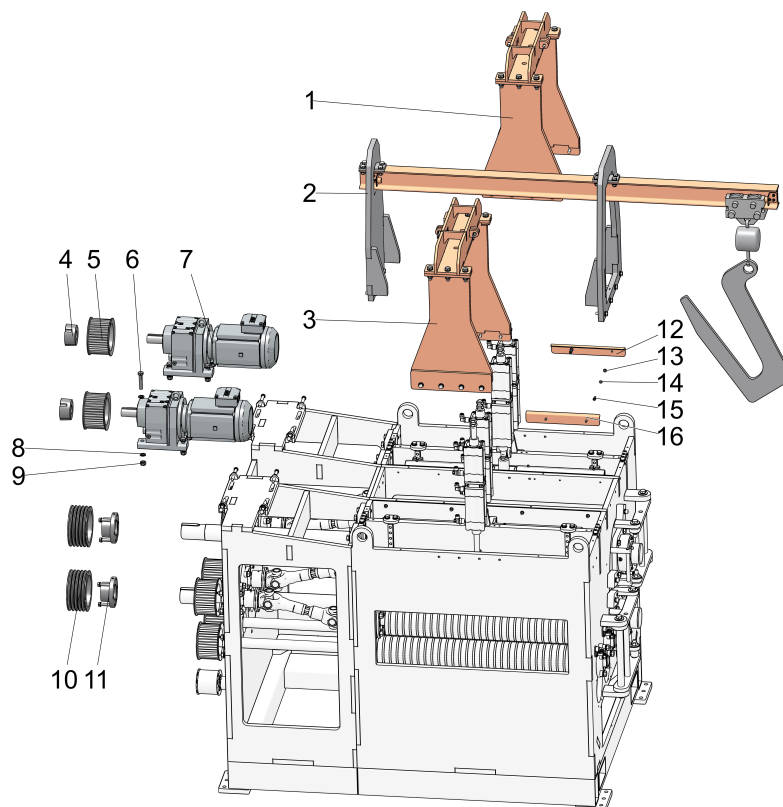
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
23	Adaptor1, Arbor Bearing	126886	1	
24	Screw, M6-1.0x12mm HSFH, 10.9 Zinc	F81001-54	14	
25	Key, Arbor Sleeve, 924mm	126880	2	
26	Weldment, Arbor Sleeve, RH	126877	1	
	Weldment, Arbor Sleeve, LH	126891	1	
27	Key, 0.75x0.5x3.16in, Arbor	111503	1	
28	Arbor, Top	126871	1	
	Arbor, Bottom	126889	1	
29	Key, Arbor; Short	126872	2	

3.12 Feed Roller Assemblies



REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	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	

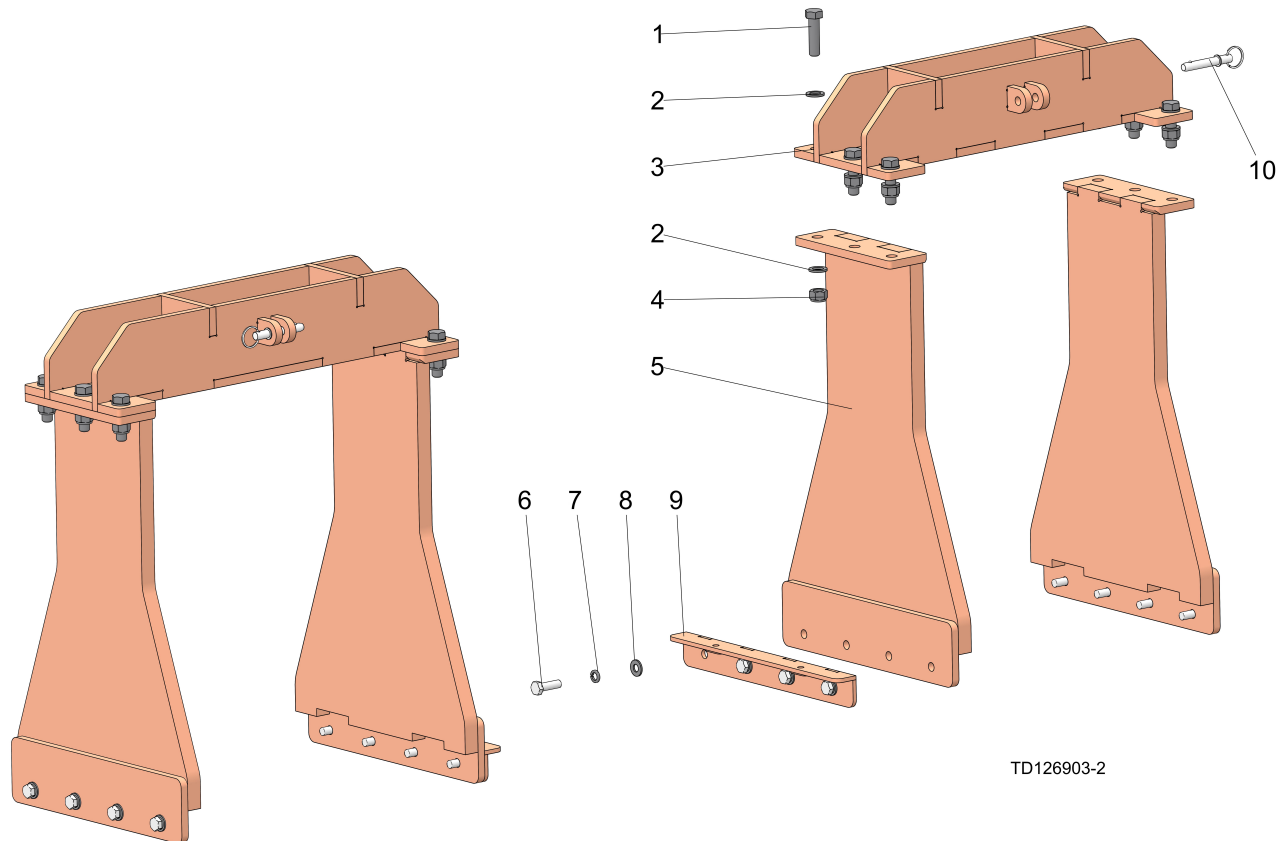
3.13 Main Frame 3 Overview



TD126903-1

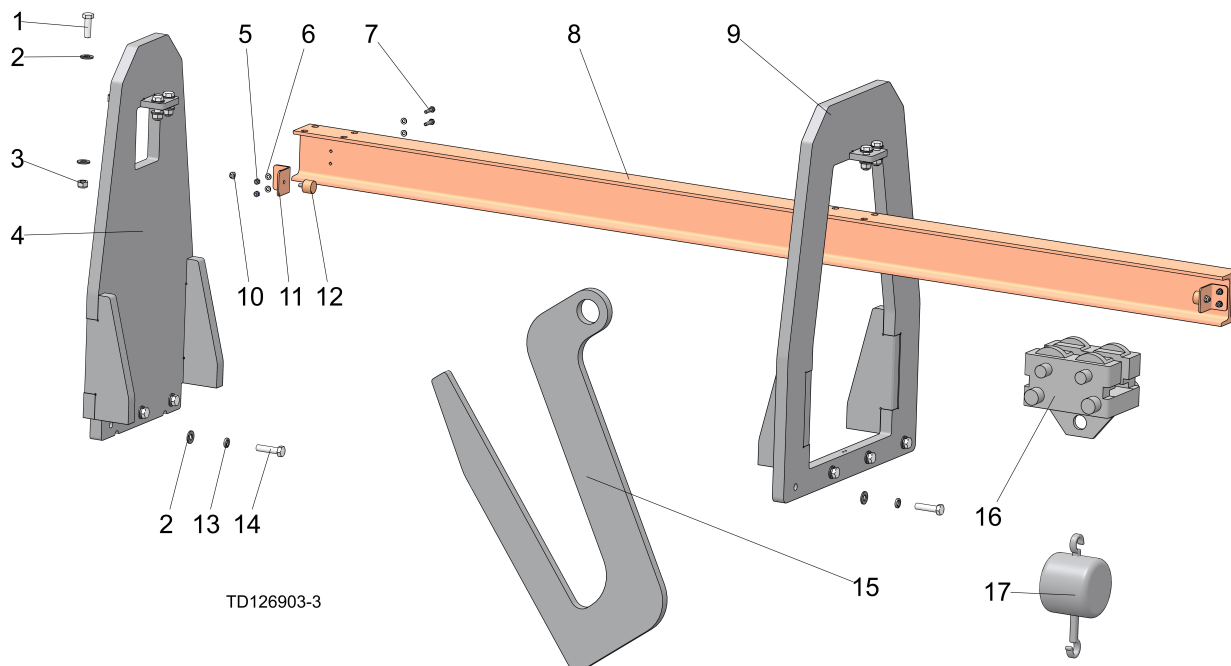
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	Assembly, HD Bridge; Outfeed See Section 3.14	111423	1	
2	Assembly, Overhead Beam See Section 3.15	111427	1	
3	Assembly, HD Bridge; Infeed See Section 3.14	111412	1	
4	Bushing, 3020 x 1 5/8 Taper-Lock	111411	2	
5	Timing Pulley, 14M 40T x 85W TB3020	111410	2	
6	Bolt, M16x80-8.8-Fe/Zn5 PN-M/82101	F81006-41	8	
7	Gearbox, 57.68:1, 3HP, M1 Mount	111409	2	
8	Washer, M16 Flat	F05026-6	16	
9	Nut, M16-2 Class 8 Nylock	F05027-6	8	
10	Sheave, 5V8-5-E	111611	2	
11	Bushing, E-3	111612	2	
12	Plate, Bent Cover Bracket2	111442	1	
13	Washer, M8 Flat	F05026-4	4	
14	Washer, 8mm Split Lock, Zn	F05011-45	4	
15	Screw, M8x20mm SHC	F81002-30	4	
16	Plate, Bent Cover Bracket	111441	1	

3.14 Hold Down Bridges



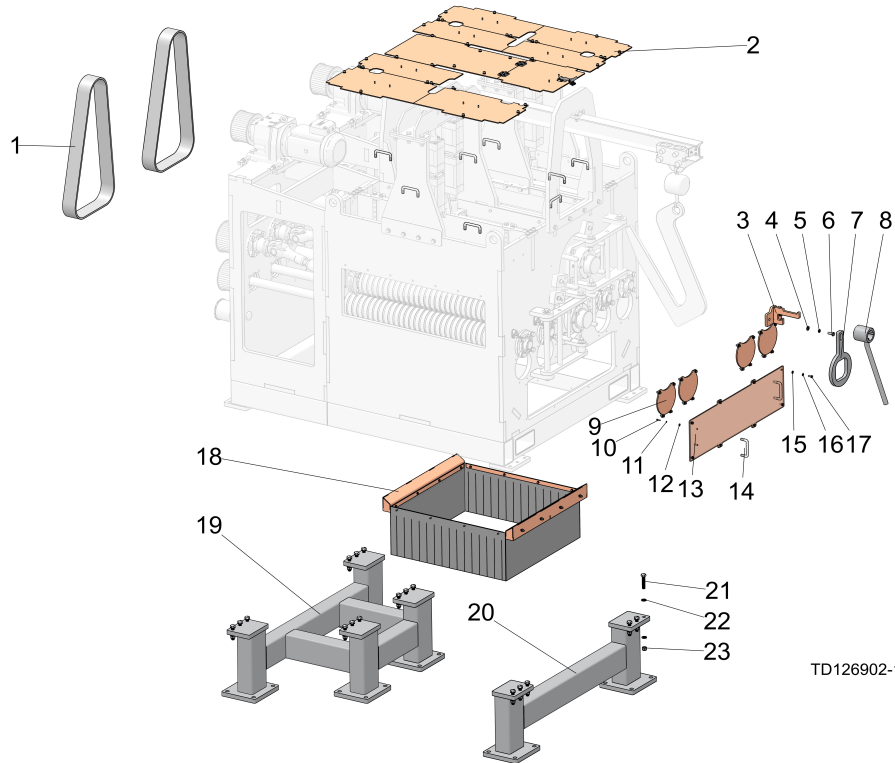
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
	Hold Down Bridge, Infeed	111412	1	
	Hold Down Bridge, Outfeed	111423	1	
1	Bolt, M16-2.0x60mm 8.8 HH Zinc	F05004-281	6	
2	Washer, M16 Flat	F05026-6	12	
3	Weldment, HD Bridge; Infeed	111413	1	
	Weldment, HD Bridge; Outfeed	111424	1	
4	Nut, M16-2 Class 8 Nylock	F05027-6	6	
5	Weldment, HD Bridge Support	111418	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	

3.15 Overhead Beam



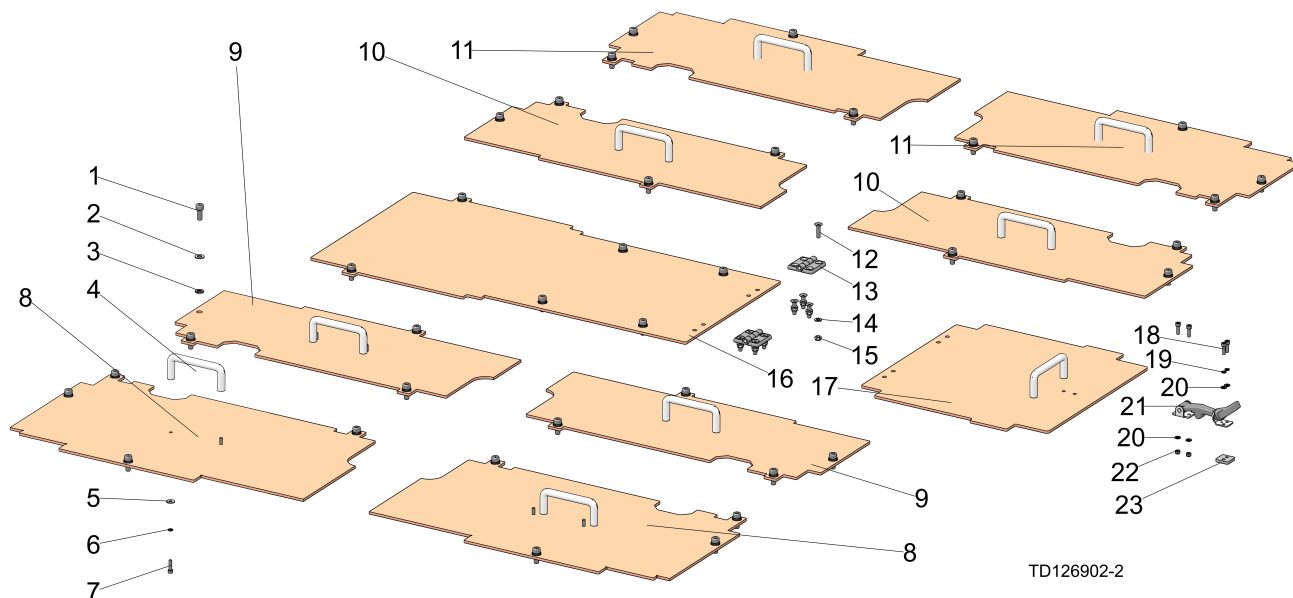
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
	Assembly, Overhead Beam	111427	1	
1	Bolt, M12x1.75x40mm HH FT CL10.9 Zinc	F05004-250	8	
2	Washer, M12 Flat Zinc	F05011-124	23	
3	Nut, M12x1.75 Hex Nylock	F05010-209	8	
4	Weldment, I_Beam RS	111429	1	
5	Nut, M6-1.0 Nylon Lock	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	111428	1	
9	Weldment, I_Beam FS	111433	1	
10	Nut, 1/4-20 Flanged Hex Nylock	F05010-220	2	
11	Plate, Bent Trolley Stopper	111504	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	

3.16 Main Frame 4 Overview



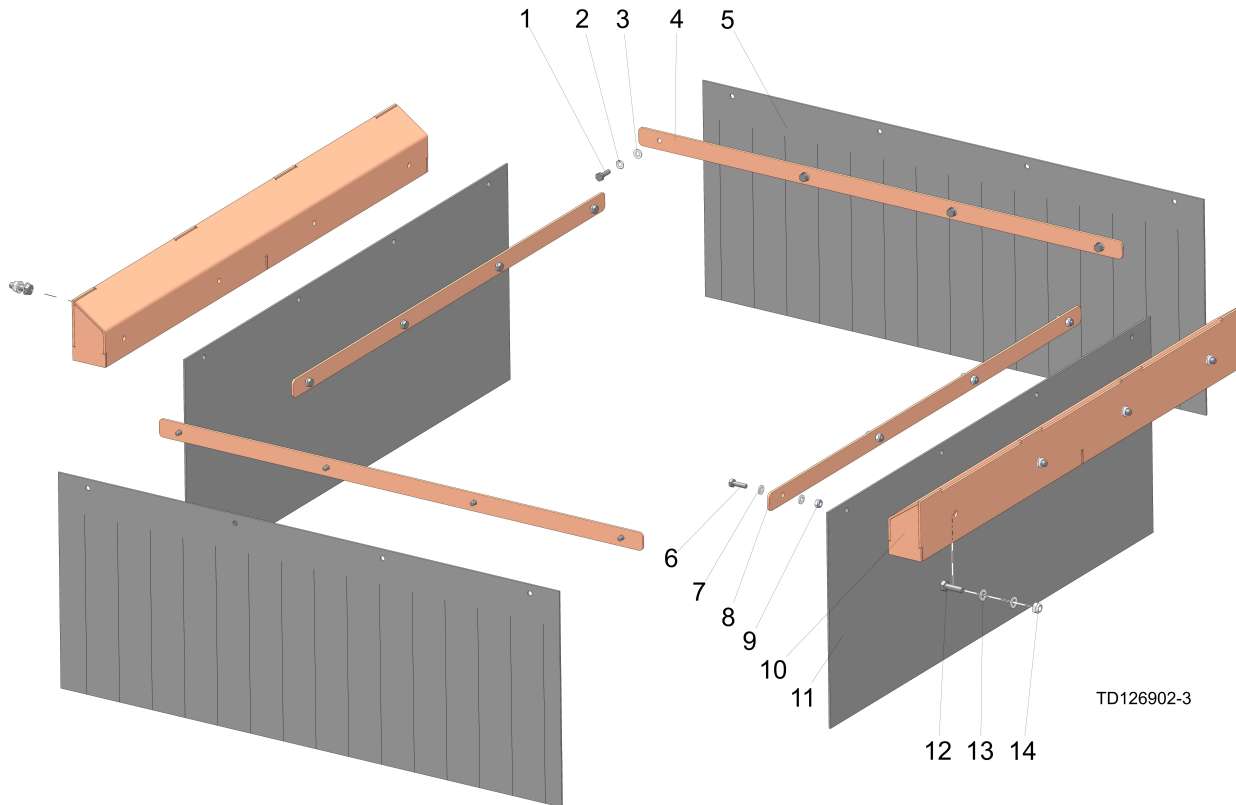
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	Timing Belt, Omega HP 14Mx2100x85W	111489	2	
2	Top Covers See Section 3.17	N/A	9	
3	Weldment, Tool Holder	111479	1	
4	Washer, M12 FLAT Zinc	F05011-124	2	
5	Washer, Z12.2 FE/ZN5 PN-77/M-82008	F81056-2	2	
6	Bolt, M12x1.75x30mm 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 See Section 3.18		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	

3.17 Top Covers



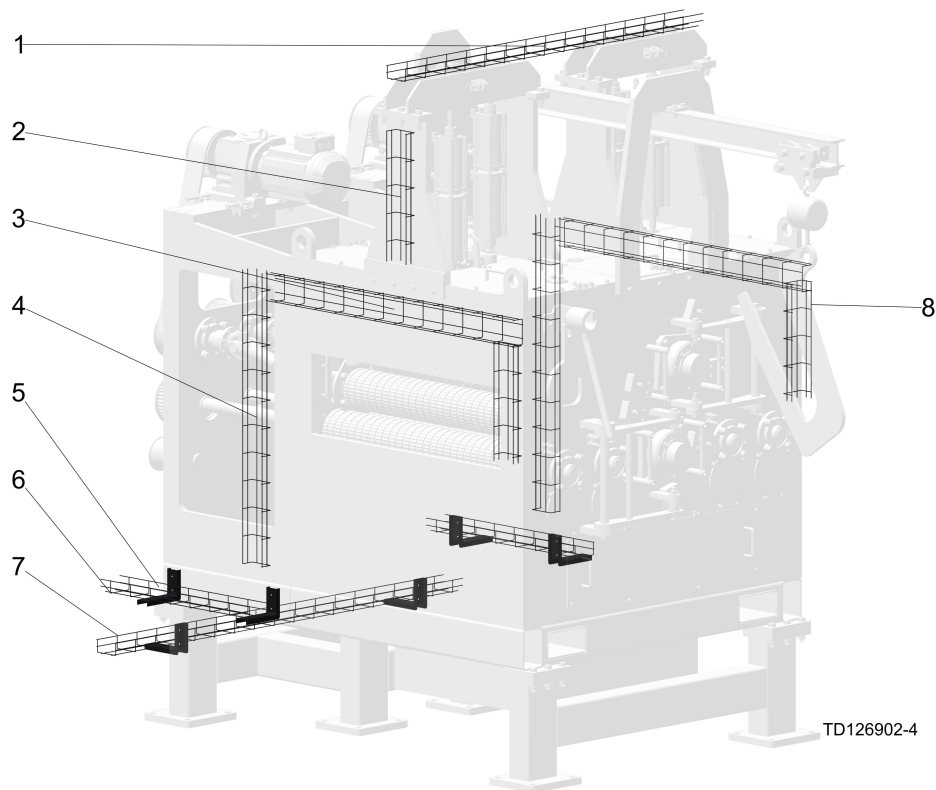
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	Screw, M8x20mm SHC	F81002-30	38	
2	Washer, M8 Flat	F05026-4	38	
3	Washer, 8mm Split Lock, Zn	F05011-45	38	
4	Handle, 4" Center-to-Center, 1/2" Grip, AL	111446	9	
5	Washer, #10 SAE Flat	F05011-18	18	
6	Washer, #10 Split Lock	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	

3.18 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	

3.19 Wiring Baskets

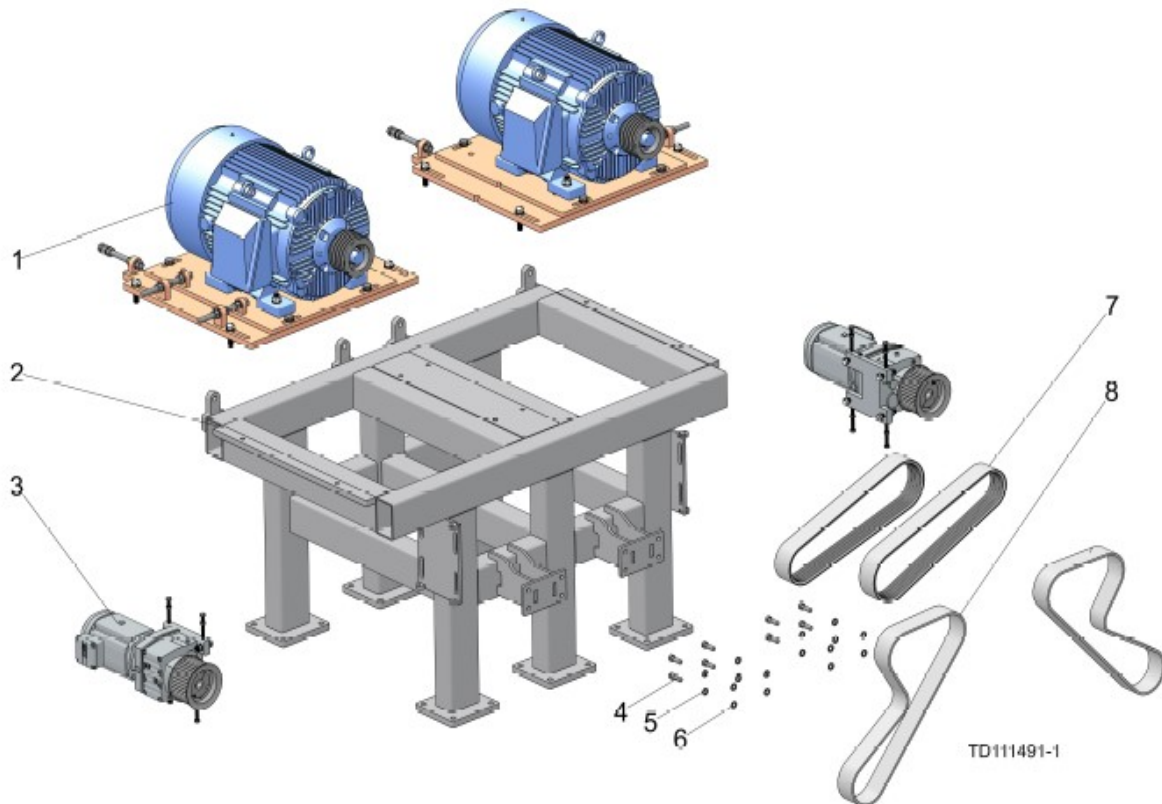


TD126902-4

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	

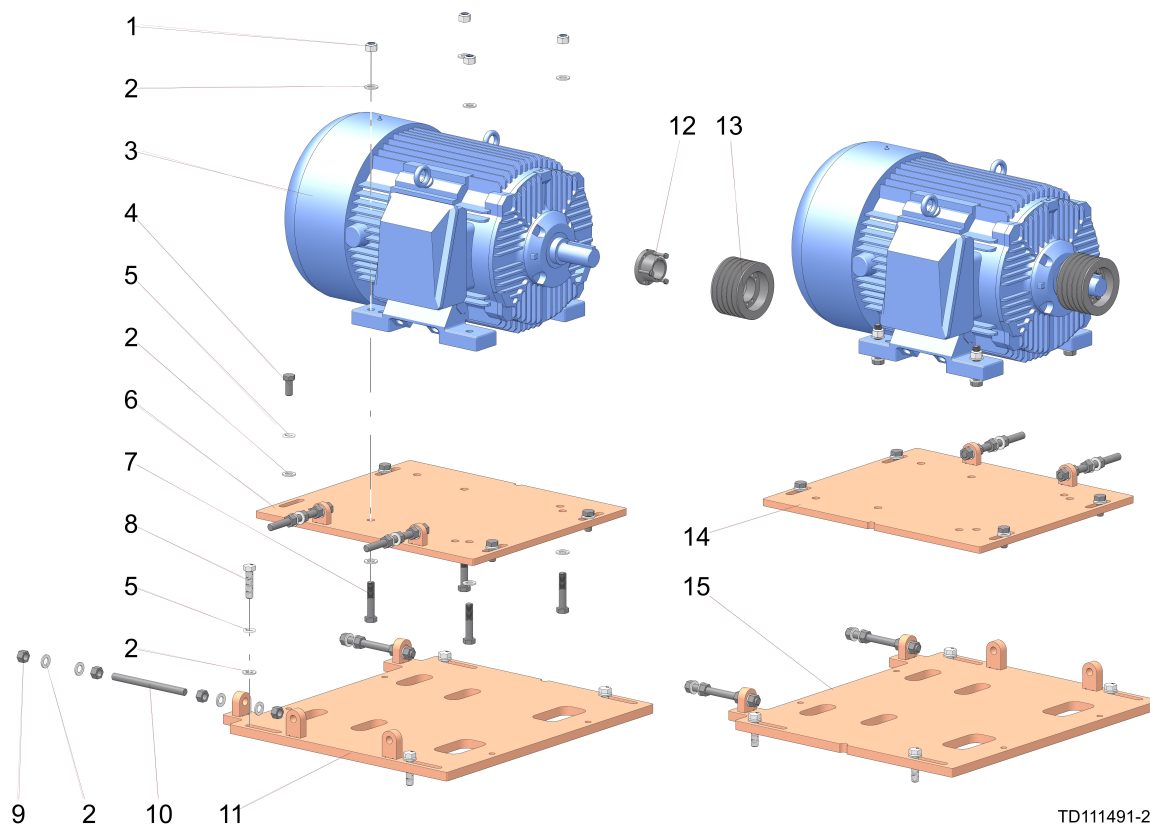
SECTION 4 MOTOR RACK

4.1 Motor Rack Overview



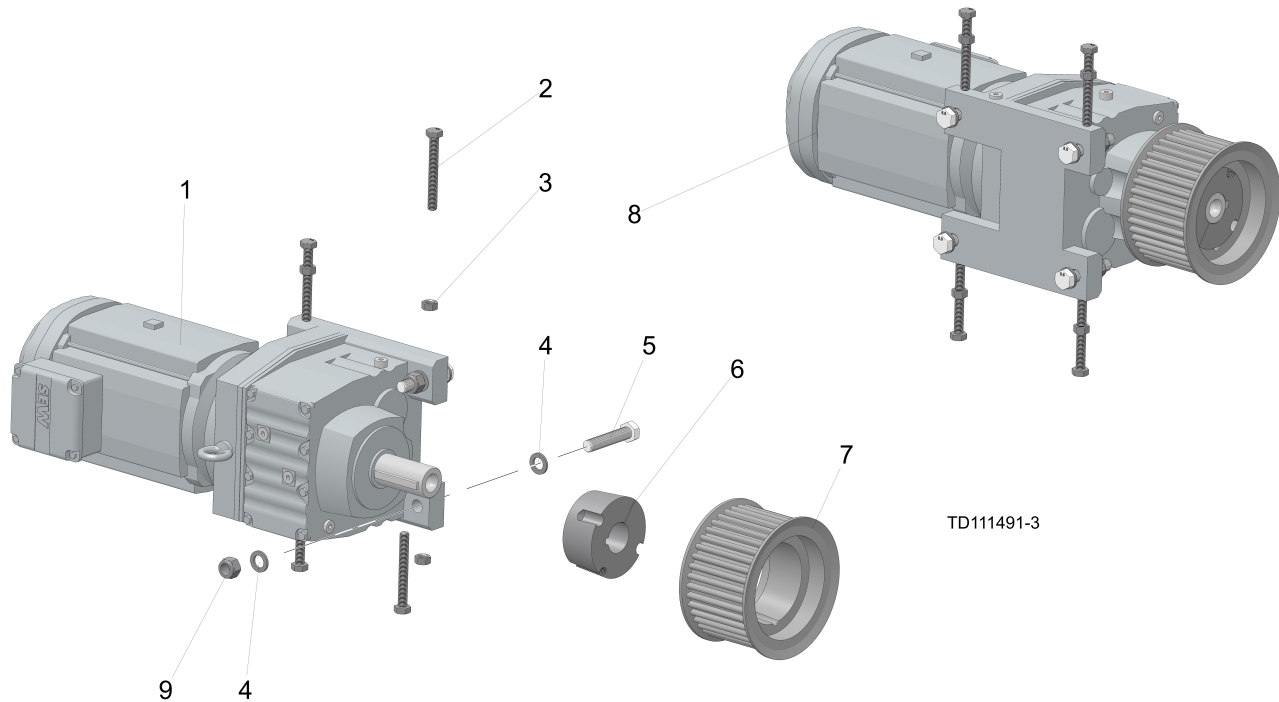
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	Motor Assemblies See Section 4.2		1	
2	Weldment, Motor Rack Frame	111492	1	
3	Gearmotor Assemblies See Section 4.3		1	
4	Bolt, M16-2x50mm HH Class8.8	F05025-6	8	
5	Washer, M16 Spring Lock Zinc	F05026-20	8	
6	Washer, M16 Flat	F05026-6	8	
7	Belt, 5/5VX670	111616	2	
8	Timing Belt, Omega HP 14Mx2100x85W	111854	2	

4.2 Motor Assemblies



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

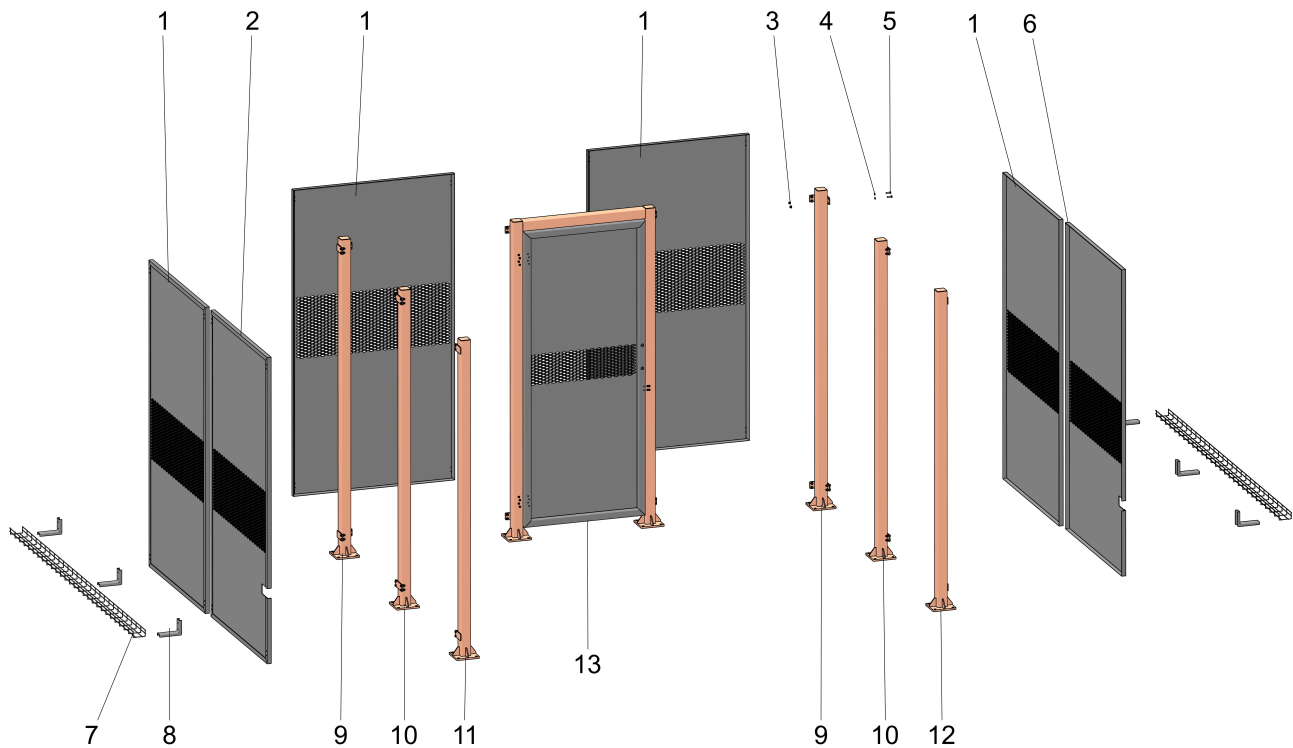
4.3 Gearmotor Assemblies



REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	Gearmotor, 57.68:1, 3HP, M6 Mount	111525	1	
2	Bolt, M12-1.75 x 100 Class 8.8 FT HH Zinc	F05023-31	8	
3	Nut, M12x1.75 Free Znc	F05010-212	8	
4	Washer, M16 Flat	F05026-6	16	
5	Bolt, M16x2x80 HH FT	F05025-28	8	
6	Bushing, 3020 x 1 5/8 Taper-Lock	111411	2	
7	Timing Pulley, 14M 40T x 85W TB3020	111410	2	
8	Gearmotor, 57.68:1, 3HP, M5 Mount	111526	1	
9	Nut, M16-2 Class 8 Nylock	F05027-6	8	

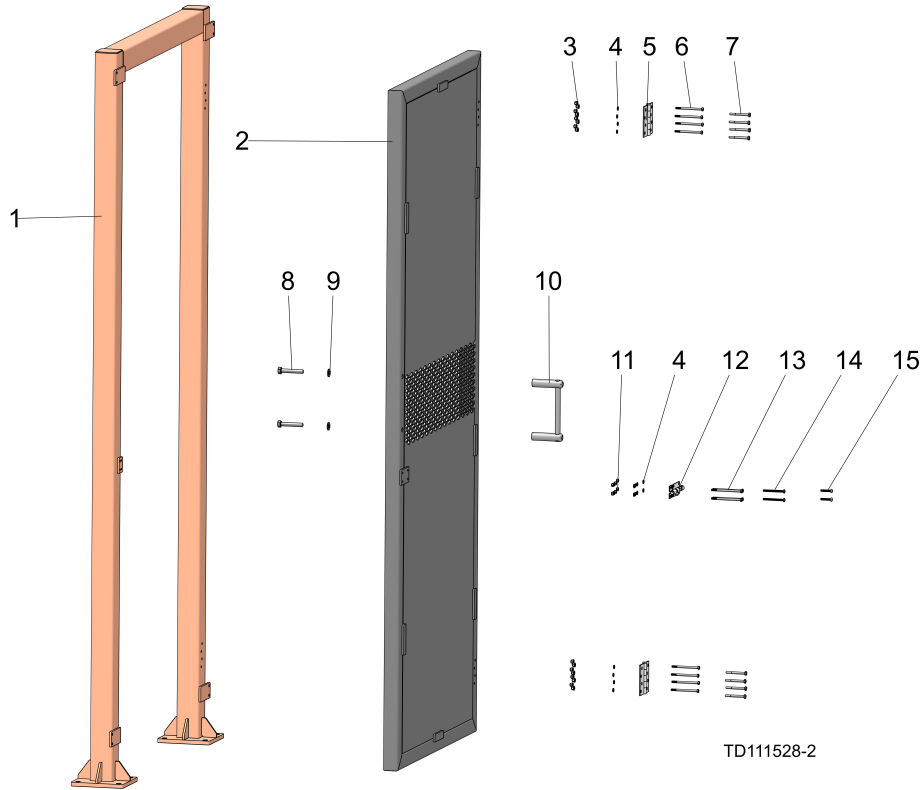
SECTION 5 FENCE

5.1 Fence Overview



REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	Weldment, Fence Panel	111552	4	
2	Weldment, Fence Panel	111552-1	1	
3	Nut, M8 x 1.25 mm Nylock Flange	F05027-44	48	
4	Washer, M8 Flat	F05026-4	48	
5	Bolt, M8-1.25 x 30 Class 8 HH	F05021-5	48	
6	Weldment, Fence Panel	111552-2	1	
7	Basket, 108-1/2" L	120537_108_5	2	
8	Bracket, Tray Mount	120536	6	
9	Weldment, Fence Corner Post	111551	2	
10	Weldment, Fence Center Post	111555	2	
11	Weldment, Fence Open Corner	111557	1	
12	Weldment, Fence Open Corner	111558	1	
13	Door Assembly See Section 5.2	111528	1	

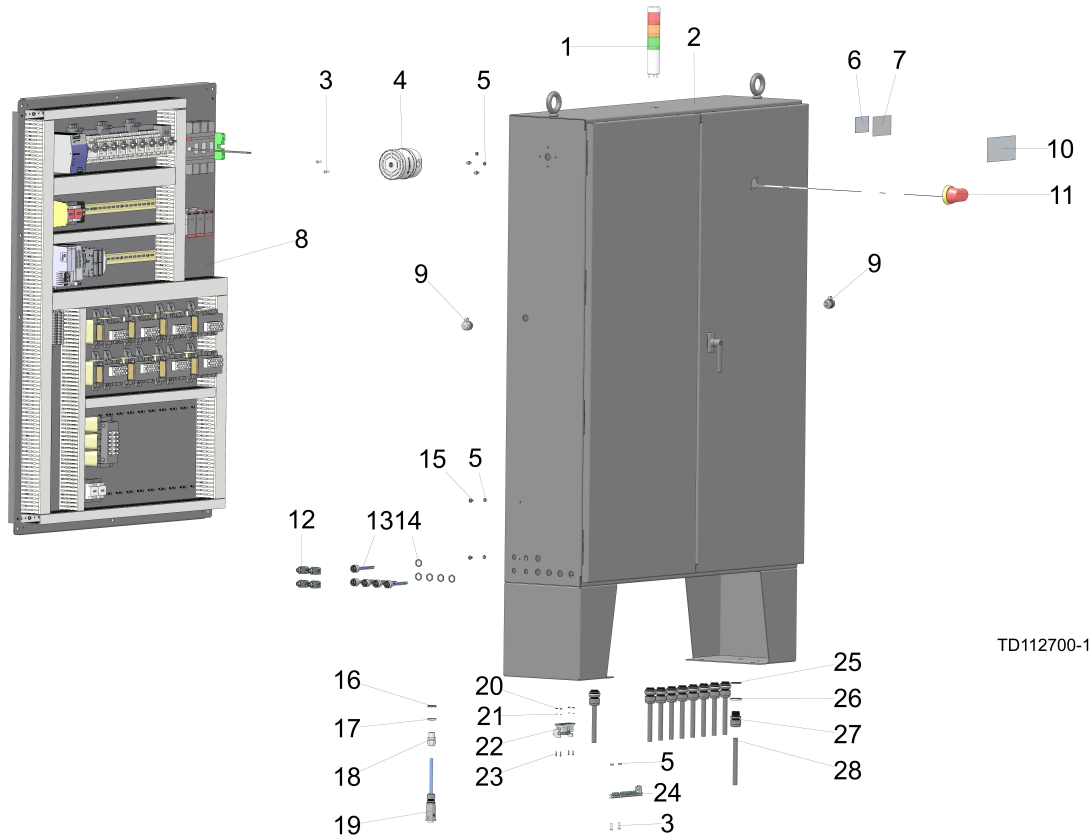
5.2 Fence Door Assembly



REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	Weldment, Fence Door Frame	111529	1	
	Assembly, Fence Door	111528	1	
2	Weldment, Door Frame	111539	1	
3	Nut, M6-1.0 Flanged Hex Nylock	F05027-34	16	
4	Washer, M6 Flat Class 4	F05026-1	16	
5	Hinge, 4in Door Hinge, Zinc	111546	2	
6	Bolt, M6-1.0 x 90 HH Class 8.8	F05020-88	8	
7	Bolt, M6-1.0x65mm HH Class8.8	F05020-32	8	
8	Bolt, M12-1.75x75mm Hex Head Full Thread Zinc	F05023-12	2	
9	WASHER, M12 FLAT Zinc	F05011-124	2	
10	Weldment, Door Handle	126929	1	
11	Nut, M6-1.0 Nylon Lock	F05010-200	8	
12	Lock, 4in Barrel Lock, Zinc	111545	1	
13	Bolt, M6-1.0 x 100 HH Class 8.8	F05020-87	4	
14	Screw, M6-1.0 x 70mm PH 18-8 SS	F05020-51	2	
15	Screw, M6-1.0 x 35mm PH 18-8 SS	F05020-49	2	

SECTION 6 CONTROL CABINETS

6.1 System Control Cabinet

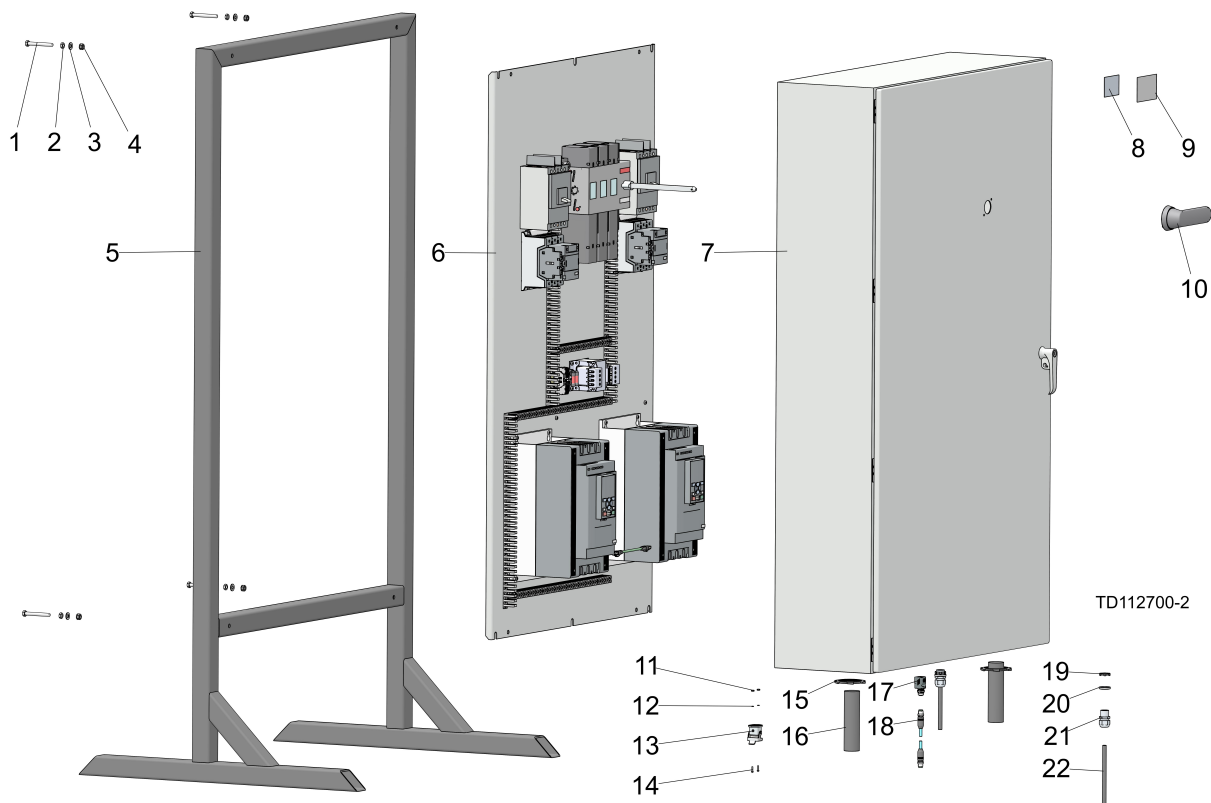


TD112700-1

REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	Stacklight, 40mm RYG 24VDC NPN/PNP	112625	1	
2	Enclosure, MR3000-SLPT-011 Control	112615	1	
3	Bolt, #10-24x3/4 CrSI PH	F05004-126	6	
4	Alarm, Cont/Pulse 32 Tones 9-28VDC	112624	1	
5	Nut, #10-24 Keps	F05010-14	6	
6	Label, 112707 Nameplate	112707-NPLBL	1	
7	Overlay, 2.5x4" Clear Polyester 100/Pk	R02424-9	1	
8	Insert Assembly, MR3000-SLPT-0111 Control (See <i>Electrical Information</i> for details)	112708	1	
9	Connector, 22MM RJ45 Bulkhead	077398	2	
10	Decal, Electrical Danger	S20061	1	
11	Handle, Disconnect RED/YEL Pistol-6mm	050907-1	1	
12	Adapter, M12 to RJ45 Ethernet /IP	068676	4	
13	Connector, 7/8 Fml Power 5Pos	078843	5	
14	Nut, PG13.5 Lock	078769	5	
15	Screw, #10-24x1/2 Phil >	F05004-186	2	
16	Nut, 1/2 npt Connector Lock	E20461	1	
17	Ring, 1/2 Sealing	E20460	1	
18	Connector, 1/2" NPT .17-.47	051299	1	
19	Cable Assembly, Blade Control MCR	112714	1	
20	Nut, #4-40 Hex	F05010-43	4	
21	Washer, #4 Split Lock	F05011-21	4	
22	Connector Assembly, Operator	112717	1	

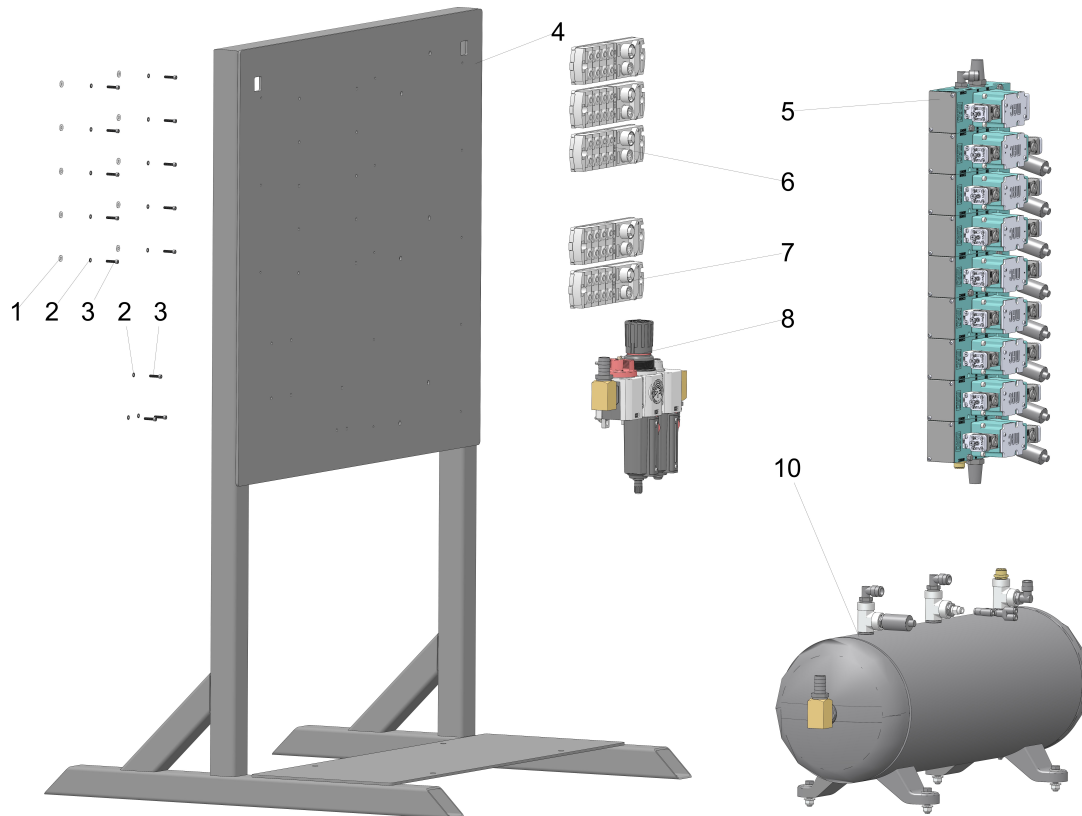
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
23	Screw, 4-40x1/2 SI Rnd Head Machine	F05004-14	4	
24	Bar, Grounding 14 Circuit W/Lug	025203	1	
25	Nut, 3/4" Conduit Lock	025198	10	
26	Ring, 3/4 Sealing	069721	10	
27	Connector, 3/4" NPT .450-.709	053479	10	
28	Cable, 14AWG 4C Flx VFD Shield UL508	112535_6	10	

6.2 Blade Motor Control Cabinet



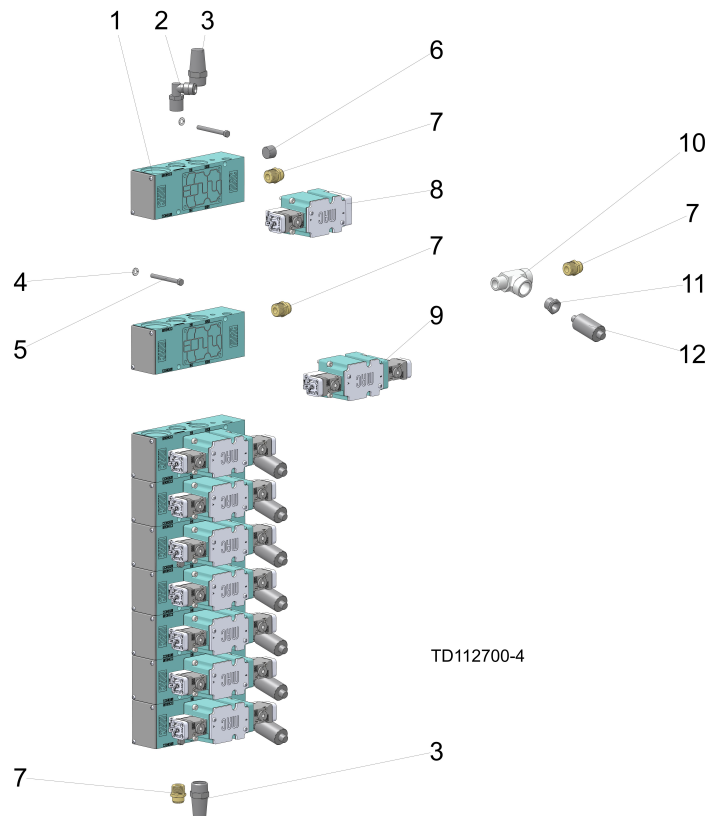
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	Bolt, 5/16-18x2 3/4 HH Gr5	F05006-28	4	
2	Nut, 5/16-18 Hex Jam	F05010-173	4	
3	Washer, 5/16 SAE Flat	F05011-17	4	
4	Nut, 5/16-18 Keps	F05010-20	4	
5	Stand Wldmt, Blade Motor Control	112702	1	
6	Insert Assembly, Blade Motor Control (See <i>Electrical Information</i> for details)	112701	1	
7	Enclosure, Blade Motor Control	112604	1	
8	Label, 112700 Nameplate	112700-NPLBL	1	
9	Overlay, 2.5x4" Clear Polyester 100/Pk	R02424-9	1	
10	Handle, Disconnect RED/YEL Pistol-6mm	078732	1	
11	Nut, #4-40 Hex	F05010-43	2	
12	Washer, #4 Split Lock	F05011-21	2	
13	Connector Assembly, Blade Control Int.	112706	1	
14	Screw, 4-40x1/2 SI Rnd Head Machine	F05004-14	2	
15	Nut, 2" Conduit Lock	053476	2	
16	Cable, DriveFlex 3x2/0+3x8 Shielded	112608_6	2	
17	Adapter, M12 to RJ45 Ethernet /IP	068676	1	
18	Cable	112557-030	1	
19	Nut, 1/2 npt Connector Lock	E20461	2	
20	Ring, 1/2 Sealing	E20460	2	
21	Connector, 1/2" NPT .17-.47	051299	2	
22	Cable, DriveFlex 2x16 Ctl Shielded	112610_6	2	

6.3 Pneumatic Stand



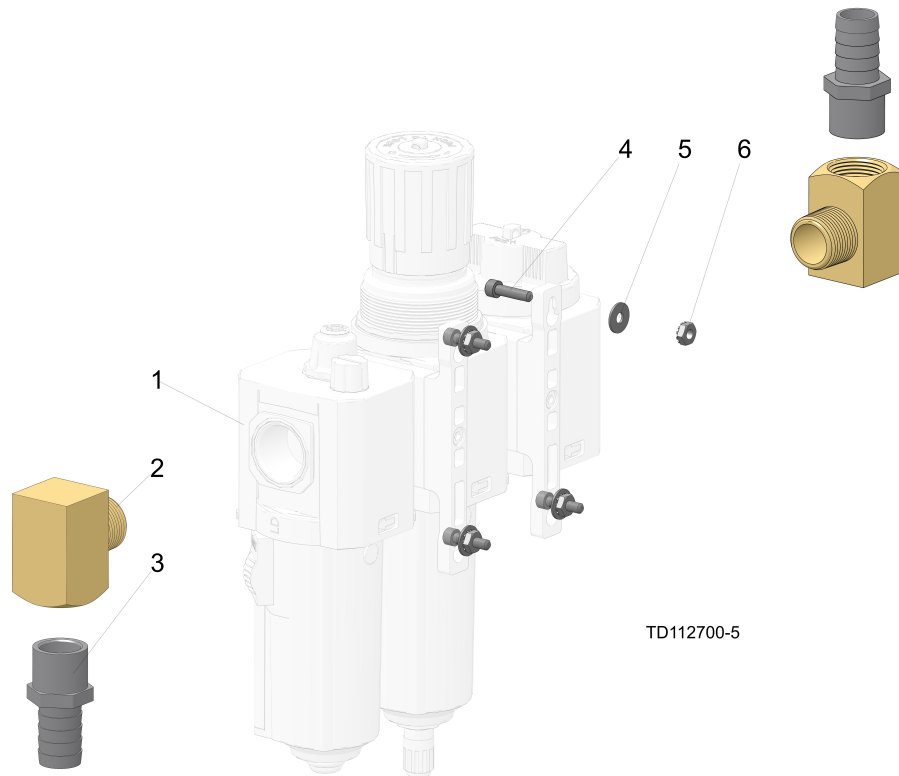
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
	Assembly, MR3000 PP, Stand	111565	1	
1	Washer, #8 SAE Flat Zinc	F05011-41	10	
2	Washer, #8 Split Lock	F05011-84	13	
3	Screw, #8-32x3/4 BO SHCS	F05005-225	13	
4	Stand Weldment, Air/Electric Mounting	111563	1	
5	Assembly, MR3000 PP, Valve Bank See Section 6.4	111561	1	
6	PLC Module, EtherNet_IP DO8x2A IP67	112620	3	
7	PLC Module, EtherNet_IP DI16 IP67	112619	2	
8	Assembly, FRL with fittings See Section 6.5	120594	1	
9	Junction Block, 4 Port M12 4-pin	112623	1	
10	Assembly, Air Tank See Section 6.6	120593	1	

6.4 Valve Bank



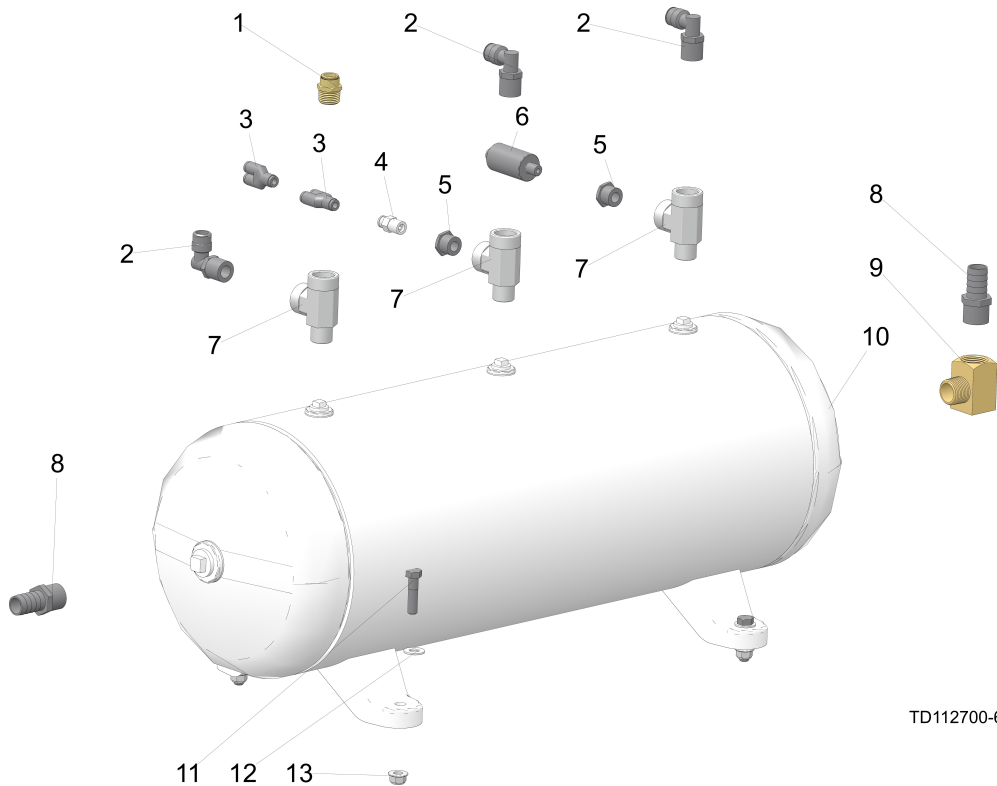
REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
	Assembly, MR3000 PP, Valve Bank	111561	1	
1	Valve, Base Only 1/2NPT 6300 Series	112521	9	
2	Fitting, 1/2NPTSwvl-1/2"Push-In Elbw	016880	1	
3	Muffler, 3/4NPT Air	120293	2	
4	Washer, 1/4 Split Lock	F05011-14	6	
5	Bolt, 1/4-20x2 1/2 HH	F05005-7	6	
6	Plug, 1/2NPT Pipe	P26258	1	
7	Fitting, 1/2NPT-1/2"Push-In Straight	111560	18	
8	Valve, Air 4/2 Sngl 24DC Din A Vlv Only	112519	1	
9	Valve, 4/3 Clsd 24DC Din A Vlv Only	112520	8	
10	Fitting, 1/2NPT Male Street Tee	003674	8	
11	Fitting, 1/2NPTx1/4NPT Hex Bushing	P31321	8	
12	Switch, 7.5-145psi 24V M12 PNP Pressure	069487	8	

6.5 Filter, Regulator, and Lubricator (FRL) System



REF	DESCRIPTION (♦ Indicates Parts Available in Assemblies Only)	PART #	QTY.	
1	FRL, 3/4NPT	113323	1	
2	Fitting, Elbow 90 3/4 NPT Fml x MI	112474	2	
3	Fitting, 3/4 Brass Hose Barb	057420	2	
4	Bolt, #10-24x3/4 SHC BO	F05004-194	4	
5	Washer, #10 SAE Flat	F05011-18	4	
6	Nut, #10-24 Keps	F05010-14	4	

6.6 Air Tank Assembly



TD112700-6

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