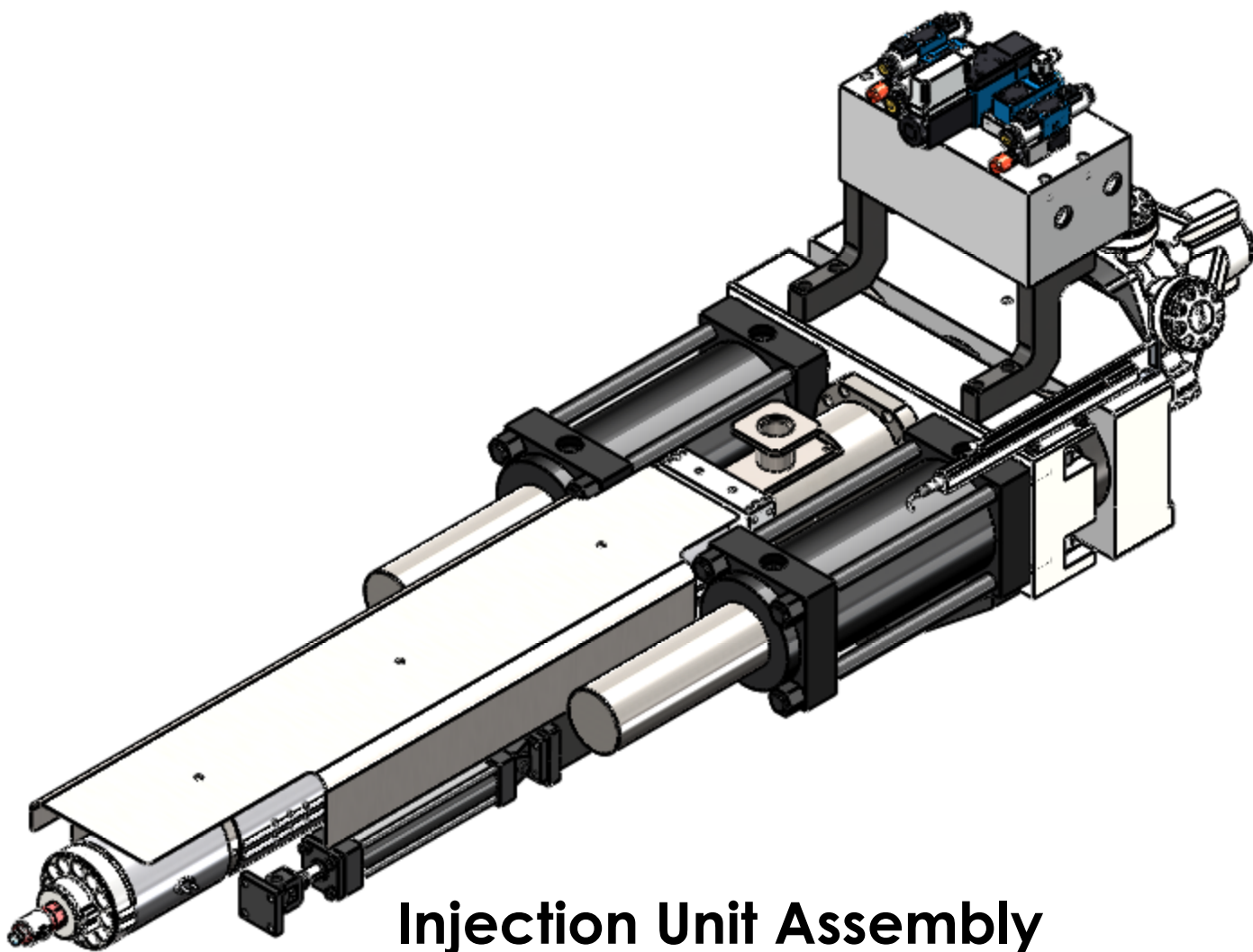
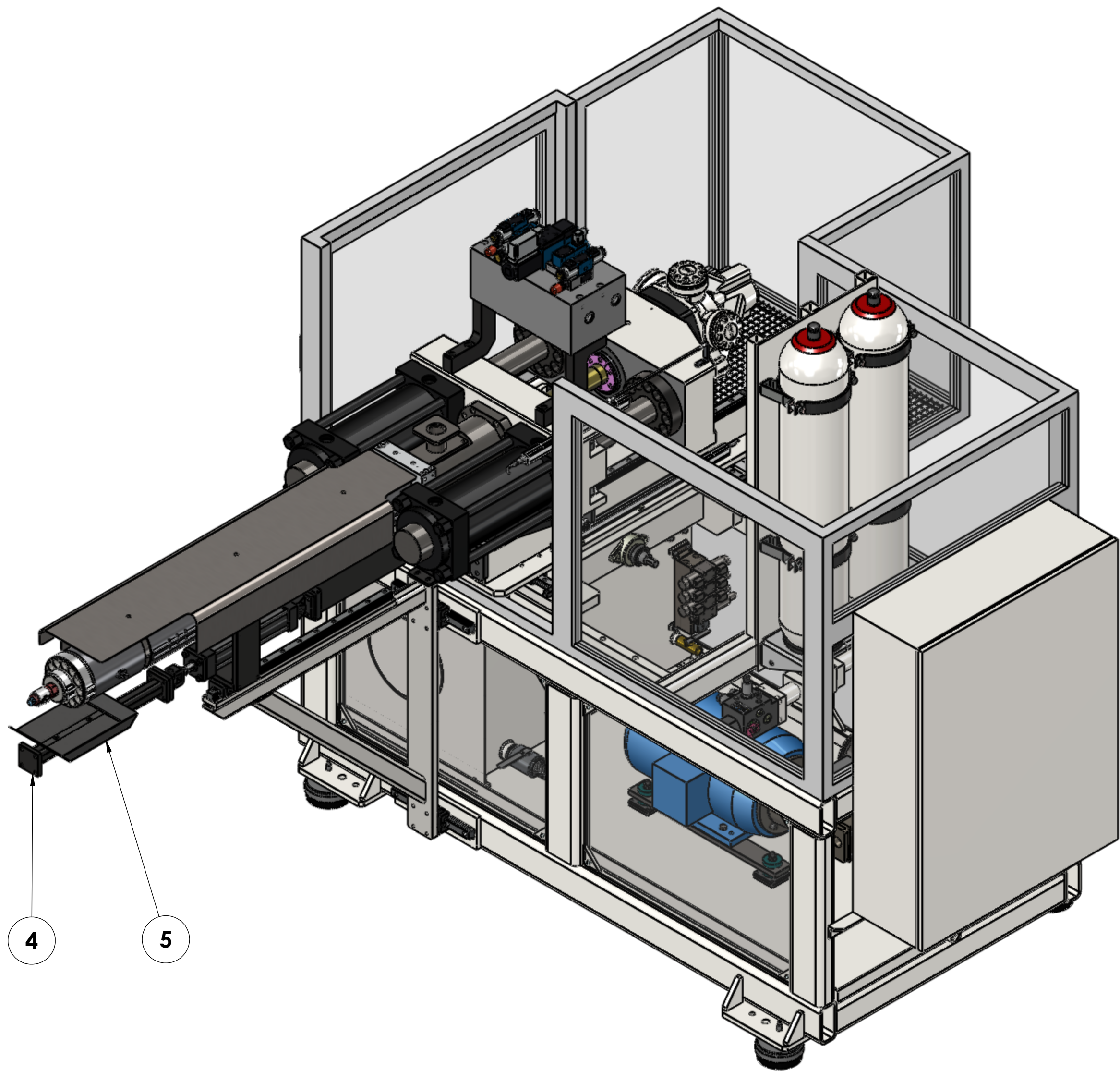
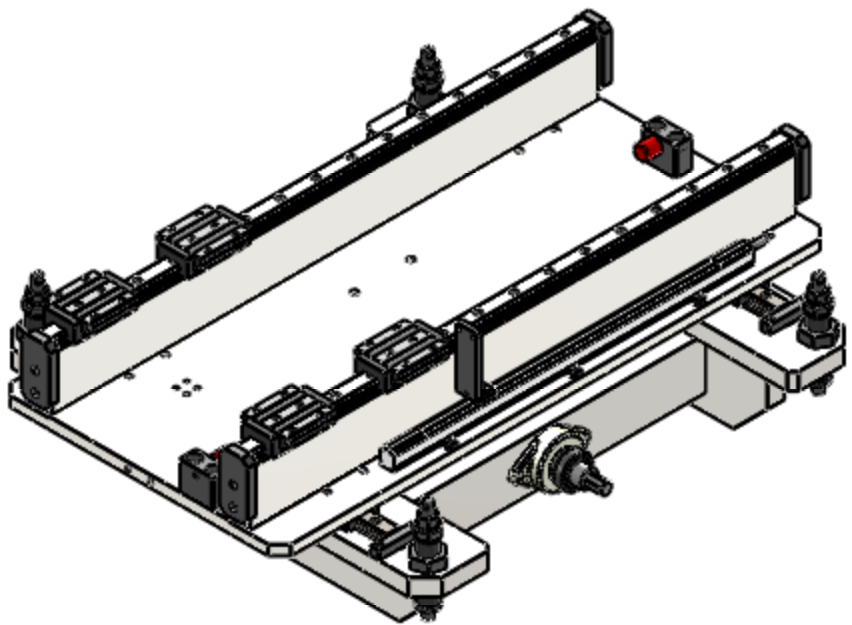


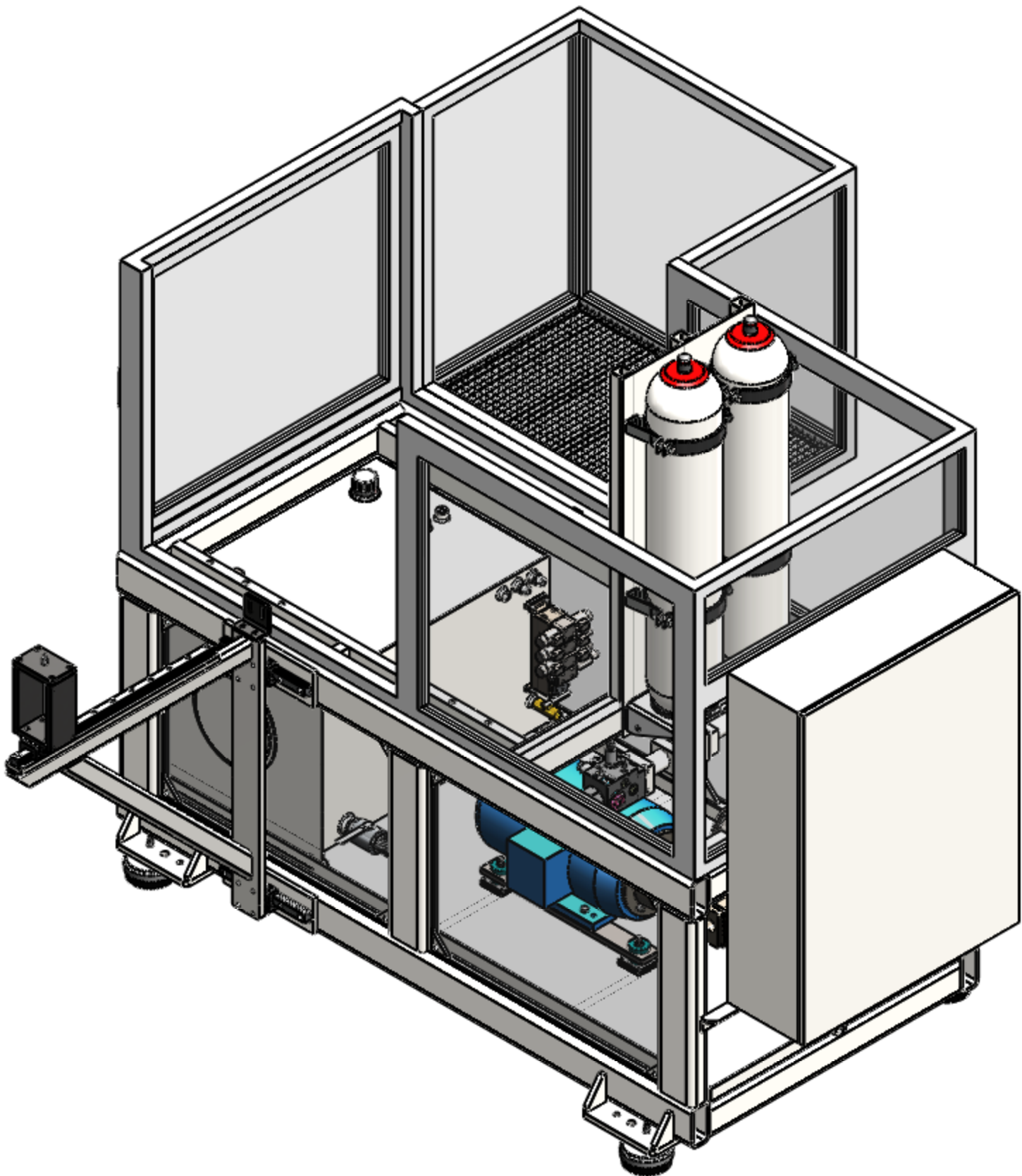
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1	1	Frame Subassembly - UMS 80H
2	1	UMS-115975 Carriage Subassembly, 60H,80H
3	1	Injection Unit - UMS 80H
4	1	UMS-115973 Carriage Cylinder Spacer - UMS 80H
5	1	UMS-115972 Purge Tray



Injection Unit Assembly
See Sheet 4



Carriage Subassembly
See Sheet 3



Frame, HPU, and Guard Assembly
See Sheet 2



Barrel and Screw
Subassembly
See Sheet 5



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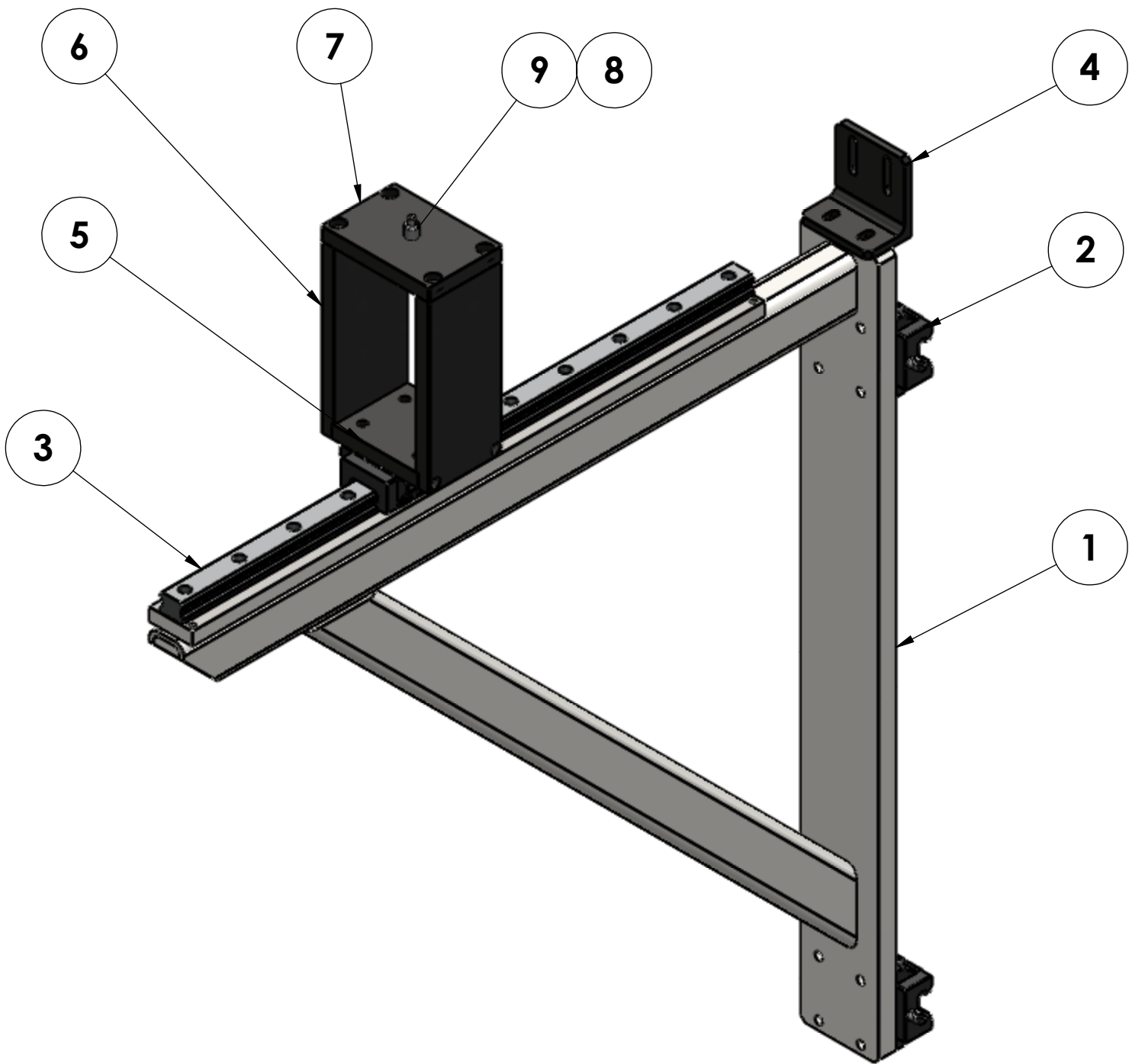
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4 Plc. Decimal: ±.0005
Angular: ± 1°



Part Number / Description	105066-01 80H 70mm Assy & BOM	
Mat'l	---	UNIVERSAL MULTISHOT SYSTEMS
Drawn By	Struck	User on Core Systems 80H - 70mm
Date	8/2/2012	Qty this order:
Scale U.O.S.	1:12	Job # 105066-01

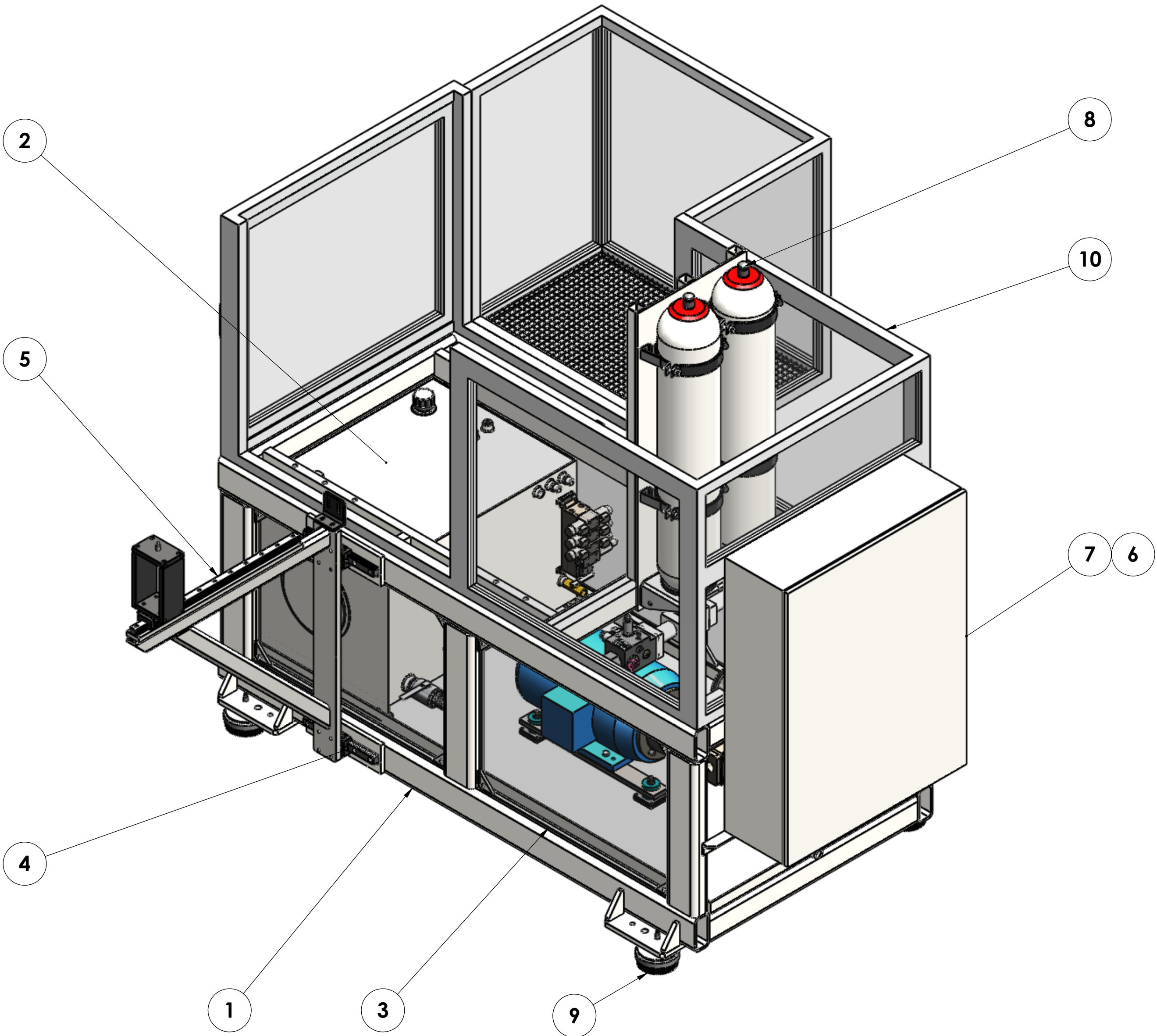
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ITEM NO.	QTY.	PART NO. / DESCRIPTION
1	1	UMS-115946 Frame Weldment - UMS 80H
2	1	Hydraulic Power Unit - See Hydraulic Prints
3	4	UMS-108811 Side Guard Panel - UMS 80H
4	2	UMS-108152 Bearing Rail - 35mm x 360mm lg.
5	1	Barrel support subassembly
6	1	UMS-115144 Enclosure Rest Angle
7	1	Electrical Enclosure - See Electrical Prints
8	1	Accumulator Assembly - See Hydraulic Prints
9	4	UMS-106649 Machine Mounting Pad
10	1	UMS-115134 Machine Guard - UMS 80H



Barrel Support Rail Subassembly

ITEM NO.	QTY.	PART NO. / DESCRIPTION
1	1	UMS-115135 Barrel Support Weldment
2	3	UMS-101665 Bearing Block 35mm
3	1	UMS-115321 Bearing Rail - 35mm x 840mm lg.
4	1	UMS-115136 Barrel Support Connector
5	1	UMS-111234 Barrel Support Base Plate
6	2	UMS-115137 Barrel Support Side Plate
7	1	UMS-111235 Barrel Support Upper Plate
8	1	SHCS M8 x 1.25 x 80MM
9	1	UMS-116011 HHCS M16 x 2.0 x 60mm - Modified



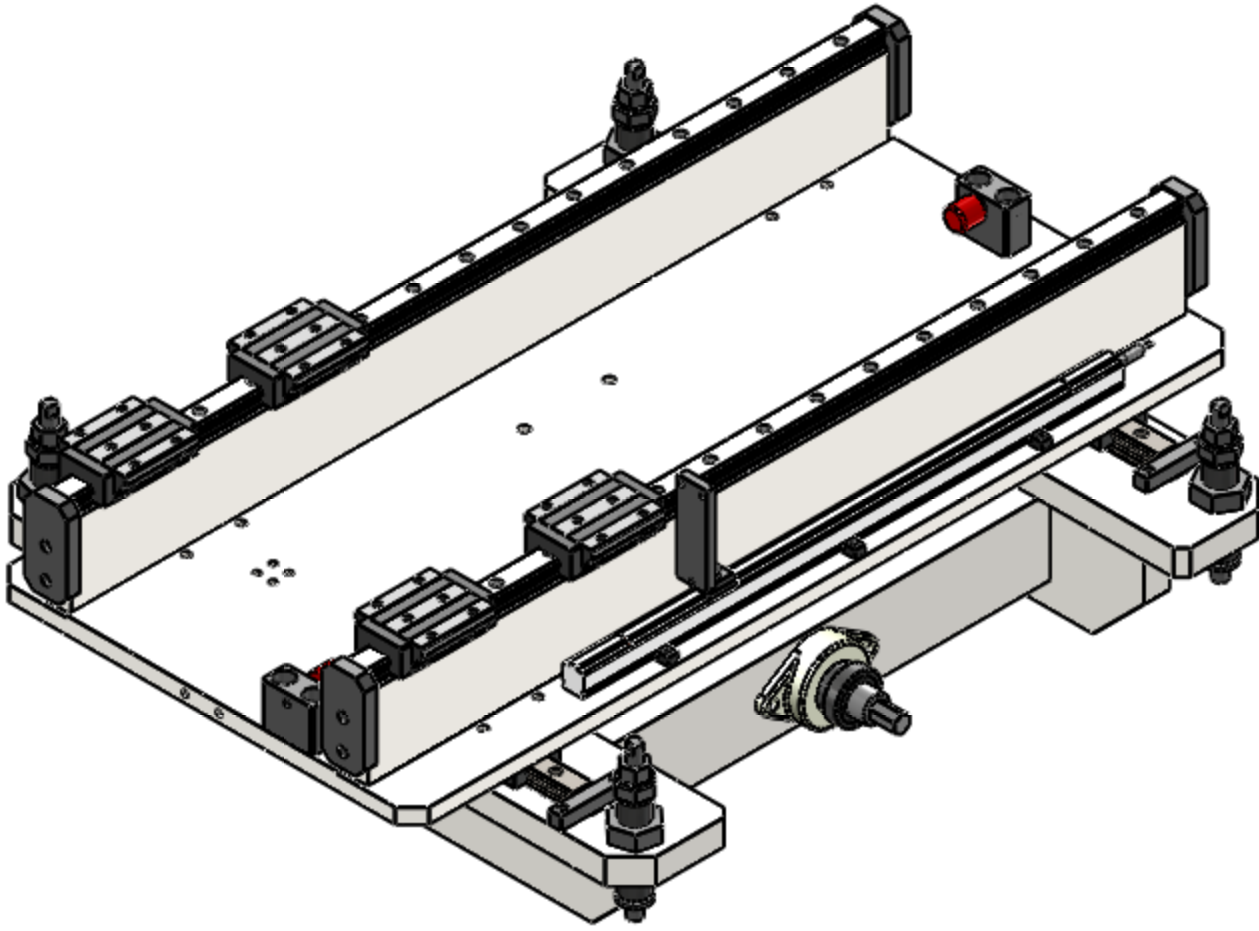
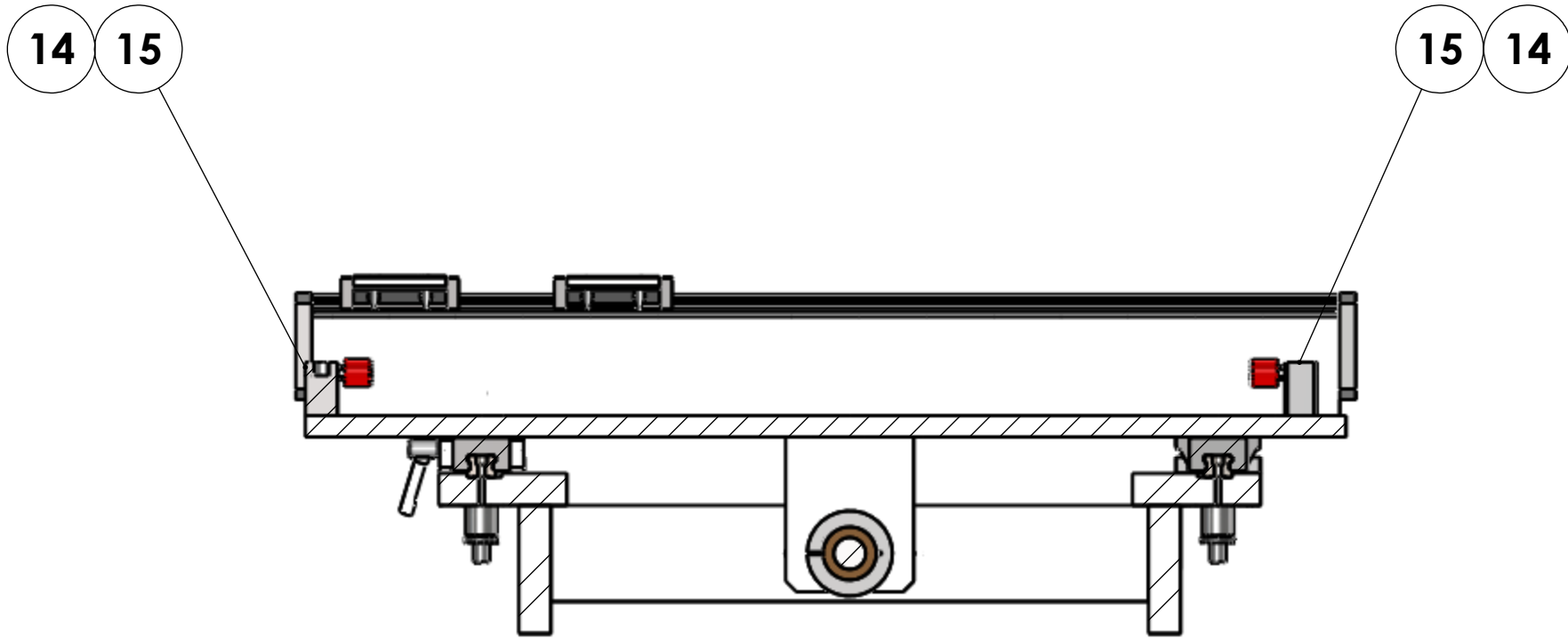
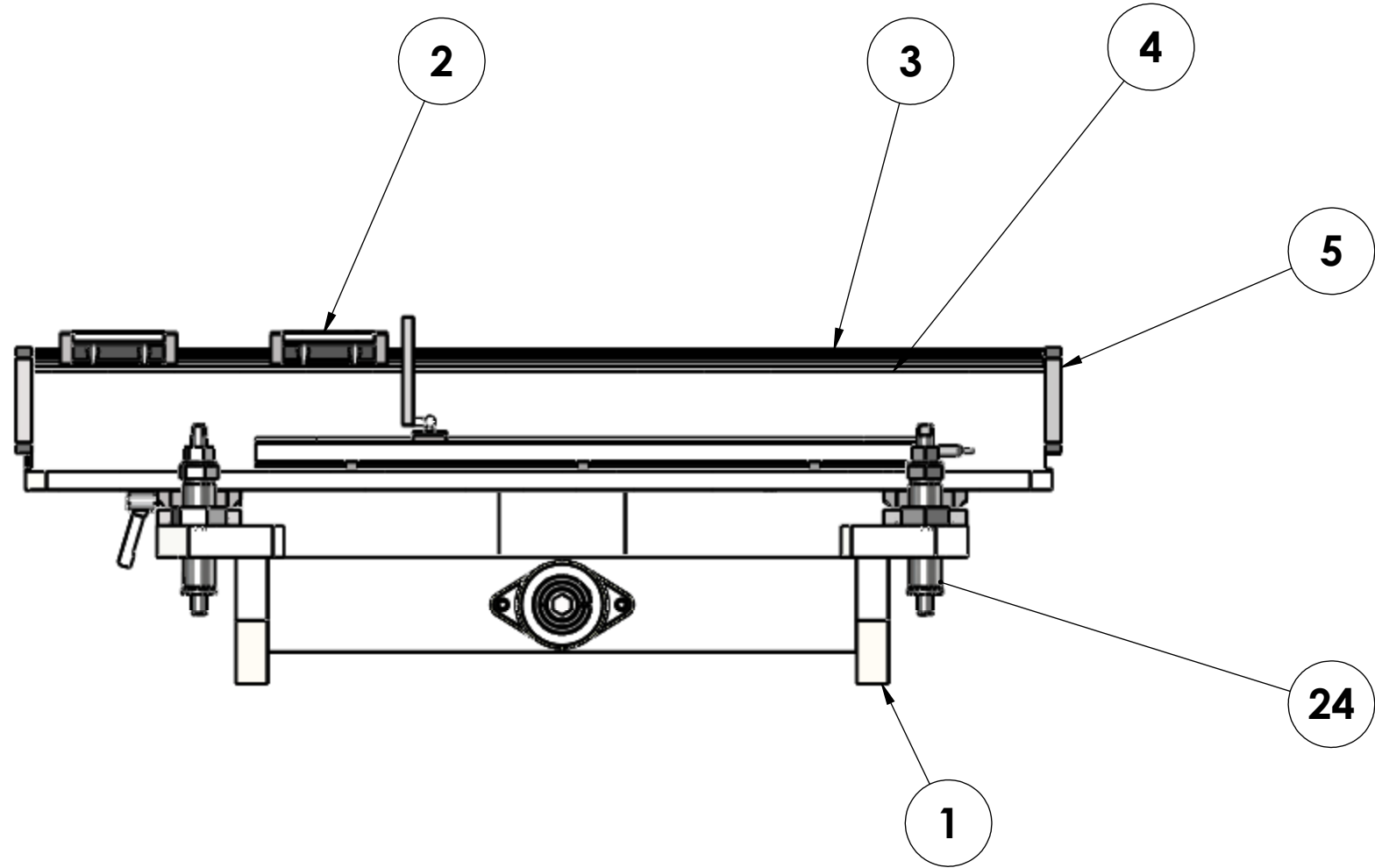
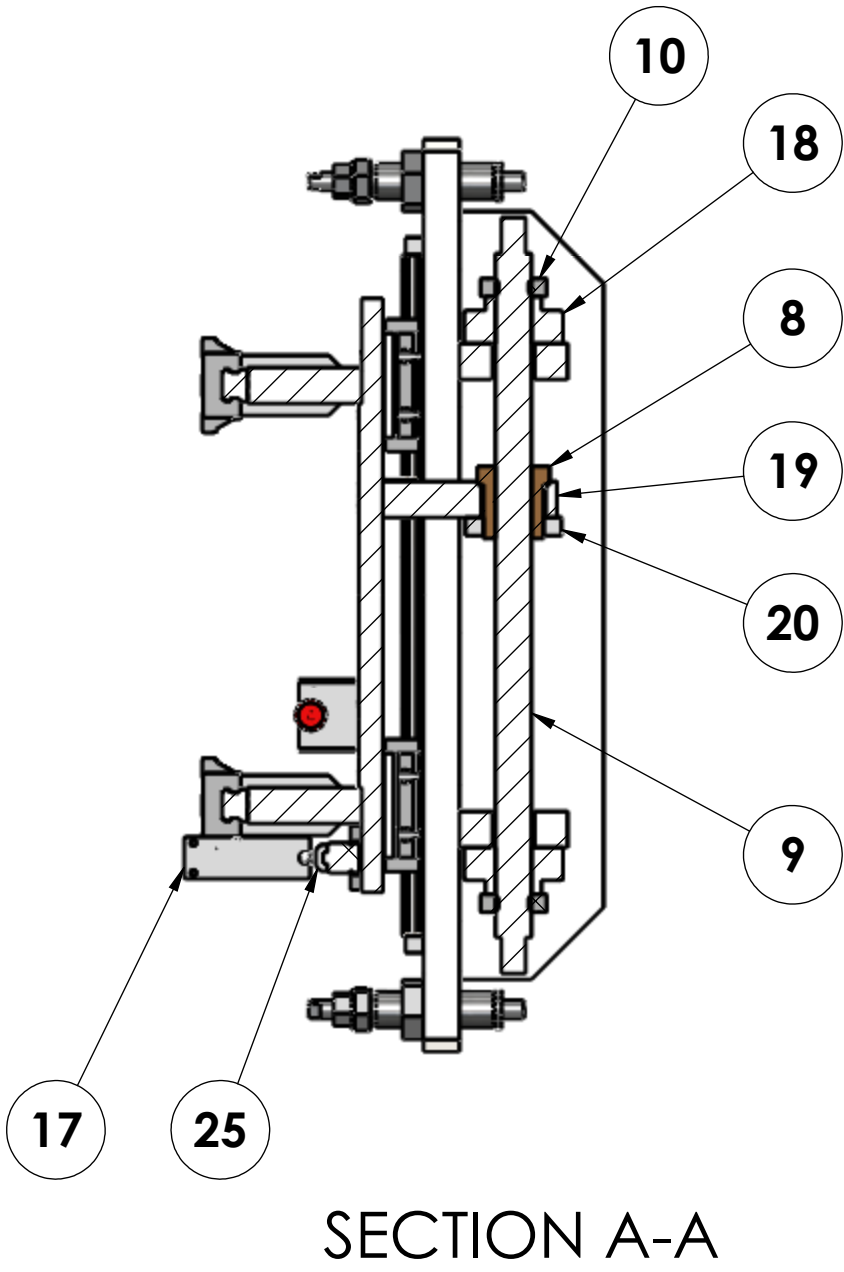
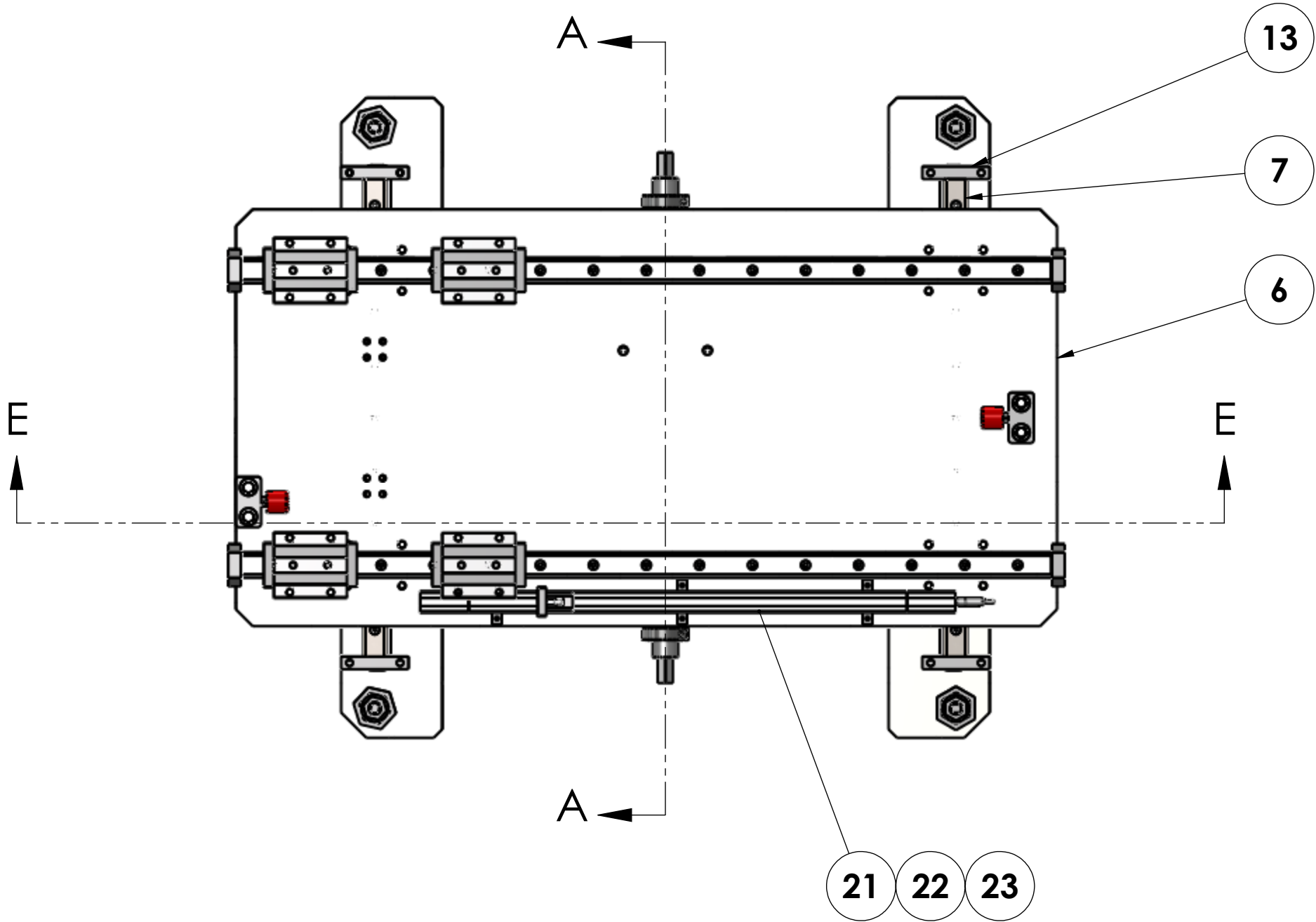
Frame, HPU, and Guard Assembly



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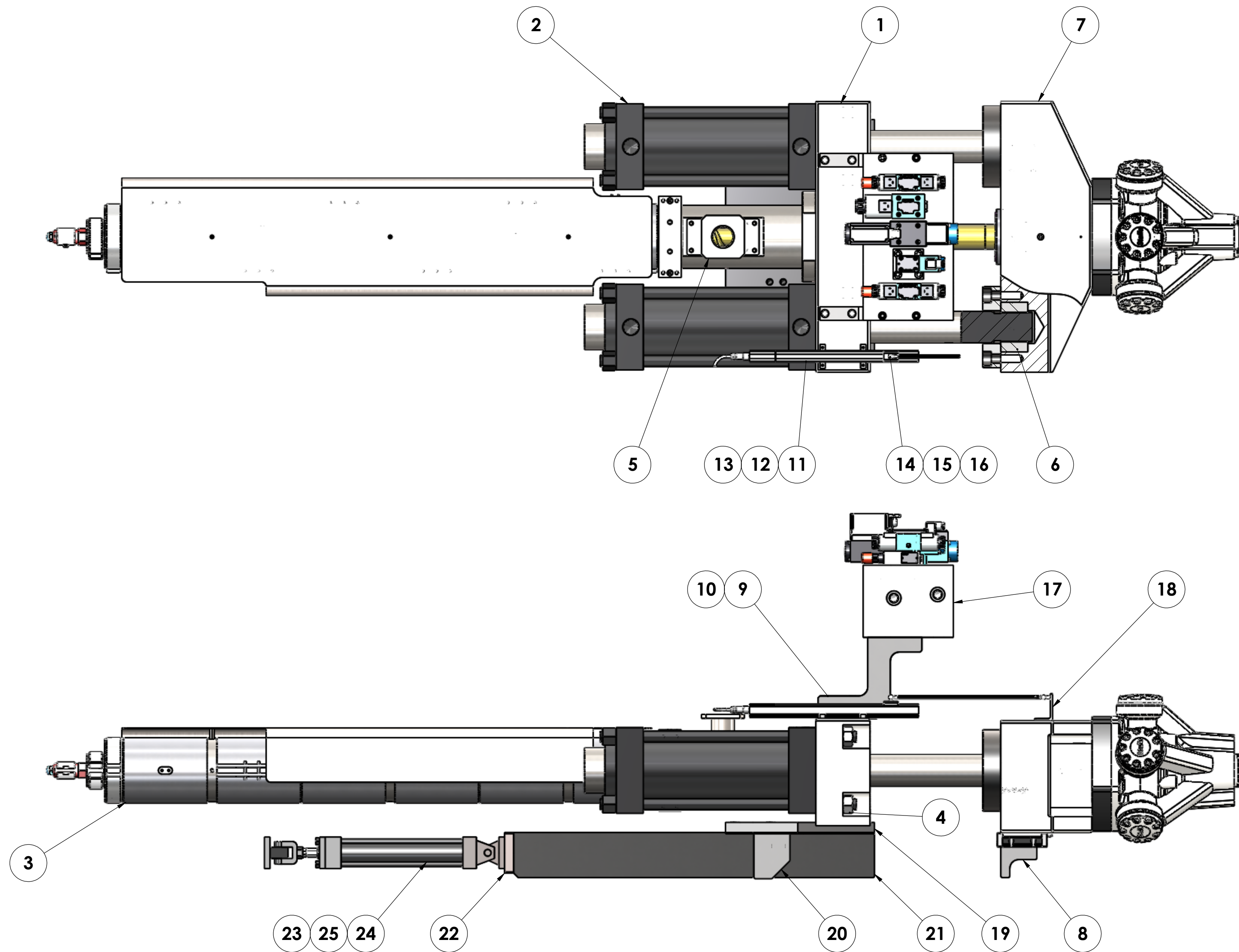
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Mat'l ---	Drawn By Struck	Universal Multishot Systems User on Core Systems 80H - 70mm
Date 8/2/2012	Scale U.O.S. 1:12	Qty this order: Job # 105066-01
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ITEM NO.	QTY.	PART NO. / DESCRIPTION
1	1	UMS-109977 X-Axis Carriage Weldment
2	8	UMS-101665 Bearing Block, 35 Series
3	2	UMS-106643 Y-Axis Carriage Bearing Rail, 1220mm
4	2	UMS-109980 Y-Axis Carriage Rail Support
5	4	UMS-106608 Y-Axis Rail End Stop
6	1	UMS-110565 Carriage Plate
7	2	UMS-106173 X Axis Carriage Rail
8	1	UMS-109982 Acme Flange Nut Modification
9	1	UMS-109983 X-Axis Carriage Acme Screw Modification
10	2	UMS-106411 Acme Screw Collar, Stafford 10L108
11	1	UMS-104002 Rail Clamp Spacer, 35 Series
12	1	UMS-104001 Rail Clamp, Zimmer, Hiwin 35 Series
13	4	UMS-106609 X-Axis Rail End Stop
14	2	UMS-115916 Rubber Bumper
15	2	UMS-106619 Bumper Mount
16	2	HNUT 0.3750-16-D-N
17	1	UMS -115976 Carriage Transducer Captive Magnet Mount
18	2	UMS-109984 Flange Block Bearing, FB230HW
19	1	UMS-109985 Acme Nut Retainer
20	1	UMS-109986 Clamp Collar 2.50 ID, Stafford 1L208
21	1	UMS-110854 Transducer Body - 661mm stroke
22	3	UMS-107914 Linear Transducer Bracket
23	1	UMS-110199 Transducer Cable, 10 meter
24	4	UMS-115977 Leveling Jack EMLJ-3915-FA
25	1	UMS-110591 Captive magnet, swivel, F Type

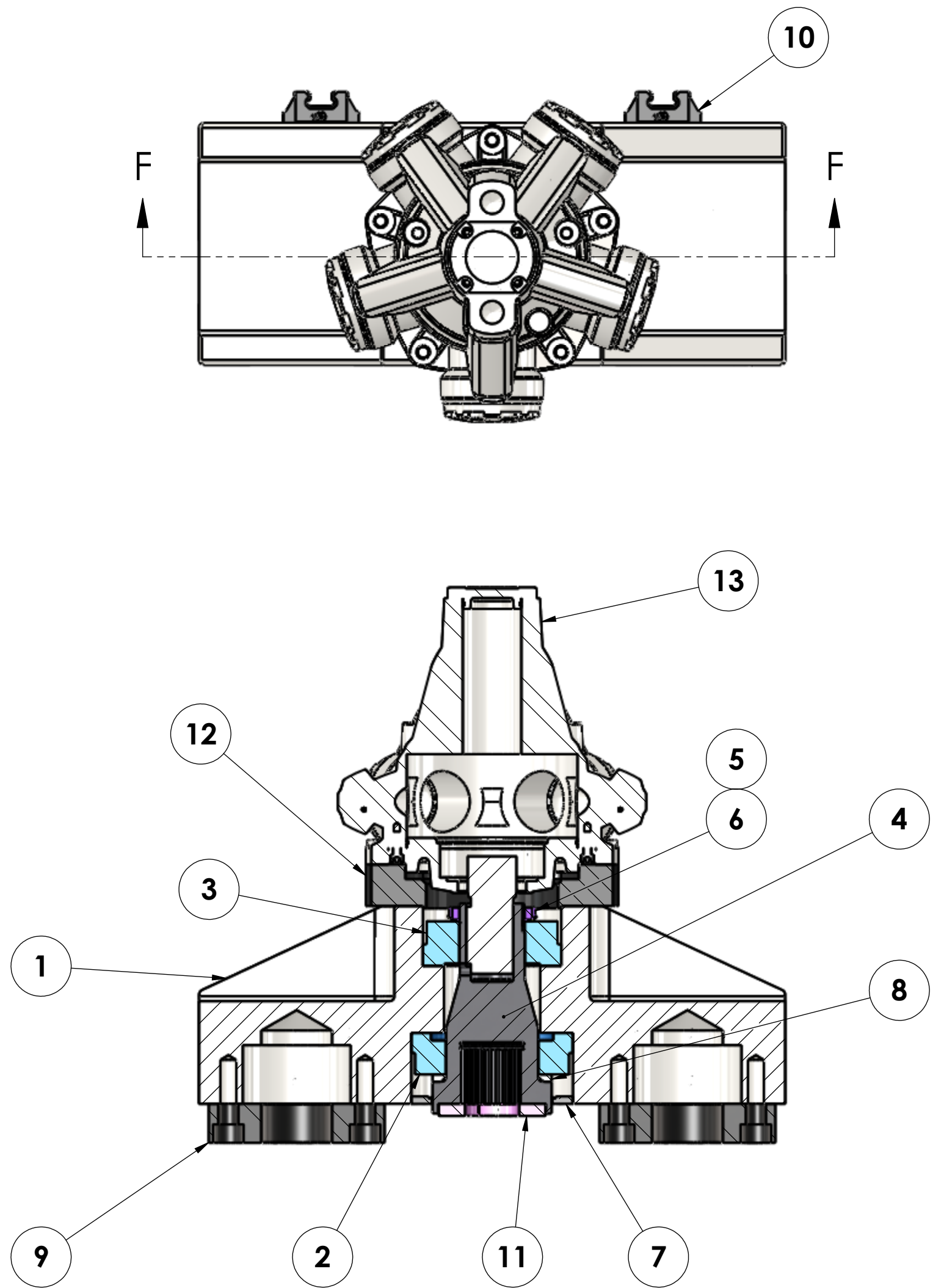


Carriage Subassembly

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ITEM NO.	QTY.	PART NO. / DESCRIPTION
1	1	UMS-110568 Barrel Mtg Block - UMS 80H
2	2	UMS-115273 Hydraulic Cylinder 8" Bore x 12.625" Stroke
3	1	Barrel Assembly - UMS 80H - 70mm_Metric
4	8	UMS-114126 Hex Nut, 1-1/4-12
5	1	UMS-108793 Feed Tube Weldment
6	2	UMS-108229 Rod Collar
7	1	Screw Drive Assembly - UMS 80H
8	1	UMS-106622 Stop Bracket
9	1	UMS-109991 Injection Manifold Standoff
10	1	UMS-109992 Injection Manifold Standoff
11	1	UMS-110590 Transducer, 330mm stroke, SSI, output falling
12	2	UMS-107914 Linear Transducer Bracket
13	1	UMS-107913 Straight connector w/ 5m cable
14	1	UMS-110591 Captive magnet with swivel
15	1	UMS-110592 Control Arm - 400mm
16	1	UMS-110593 Ball Joint, M5
17	1	Hydraulic Manifold Assembly - See Hydraulic Prints
18	1	UMS-115922 Screw Transducer Rod Anchor - UMS 80H
19	1	UMS-110999 Carriage Plate - UMS 80H
20	1	UMS-111004 Stop Bracket
21	1	UMS-111000 Carriage Draw Bar - UMS 80H
22	1	UMS-111001 Carriage Cylinder Bracket Mounting Plate
23	2	UMS-106607 Eye Bracket, Parker 69196
24	1	UMS-106605 Hydraulic Cylinder 2.5 Bore X 12 Stroke
25	1	UMS-106606 Female Rod Clevis, Parker 133284
26	1	UMS-104002 Rail Clamp Spacer, 35 Series
27	1	UMS-104001 Rail Clamp, Zimmer, Hiwin 35 Series



SECTION F-F
SCALE 1 : 6

ITEM NO.	QTY.	PART NO. / DESCRIPTION
1	1	UMS-115161 Bearing Housing - UMS 80H
2	1	UMS-108362 Spherical Roller Thrust Bearing
3	1	UMS-108243 Spherical Roller Thrust Bearing
4	1	UMS-115140 Shaft - Keyed for HMB045
5	1	UMS-106134 Lockwasher
6	1	UMS-106138 Locknut
7	1	UMS-108242 Grease Seal 80H-80
8	1	UMS-110573 Shaft Spacer - UMS 80
9	2	UMS-115162 Injection Stroke Stop - UMS 80
10	2	UMS-101665 Bearing Block 35mm
11	1	UMS-108254 Screw Collar 80mm Spline Drive Screw
12	1	UMS-115141 Adapter Mount Plate for Staffa HMB045
13	1	UMS-115142 Hydraulic Motor

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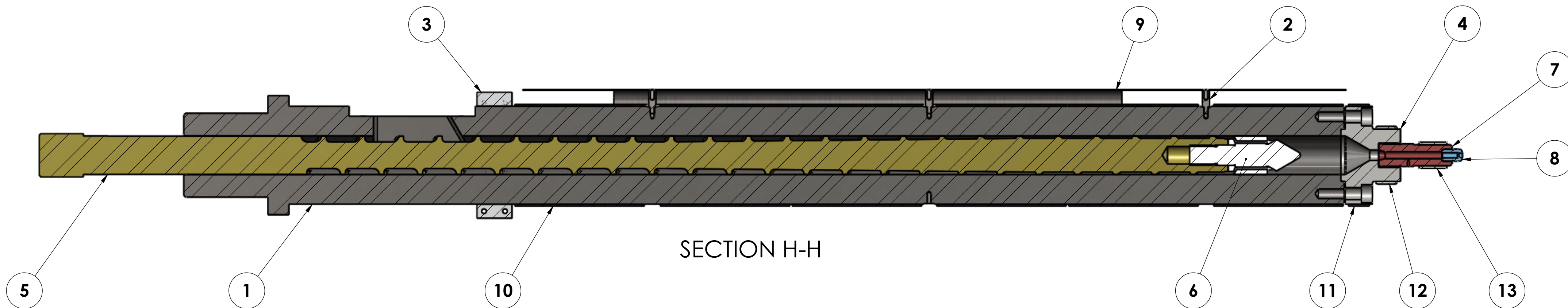
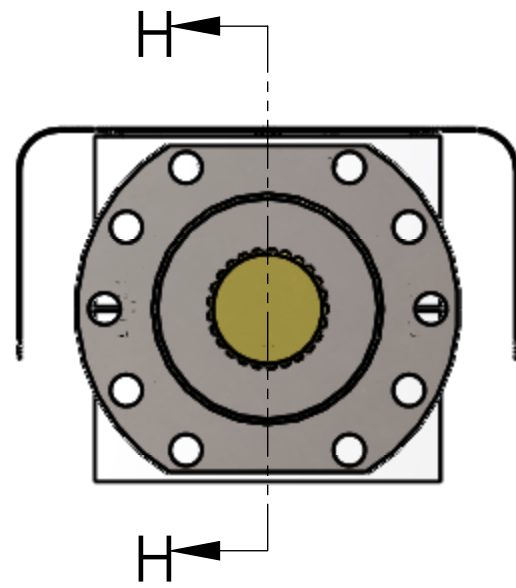
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Angular: ± 1°



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Part Number / Description 105066-01 80H 70mm Assy & BOM	
Matl ---	UNIVERSAL MULTISHOT SYSTEMS
Drawn By Struck	User on Core Systems 80H - 70mm
Date 8/2/2012	Qty this order:
Scale U.O.S. 1:8	Job # 105066-01
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Sheet 4 of 6



SECTION H-H

ITEM NO.	QTY.	PART NO. / DESCRIPTION
1	1	UMS-115925 70mm Barrel_Metric
2	3	UMS-115918 Barrel Guard Standoff - UMS 80H
3	1	UMS-110601 Split Water Jacket - UMS 80
4	1	UMS-115926 70mm End Cap_Metric
5	1	UMS-115041 70mm Screw
6	1	UMS-115044 70mm Veloci-T Tip Assembly
7	1	UMS-109175 Nozzle
8	1	UMS-108824 Nozzle Tip, 3/4" Radius x 8mm Orifice, Gen. Purp.
9	1	UMS-115917 Barrel Guard - 80H - 70mm
10	6	UMS-110602 Heater Band, 7.0 I.D. x 9.25 Wide (6500W)
11	1	UMS-110603 Heater Band, 7.0 I.D. x 1.50 Wide (1000W)
12	1	UMS-110604 Heater Band, 3.75 I.D. x 1.5 Wide (575W)
13	1	UMS-106637 Heater Band, 1.50 I.D. x 2.00 wide, 240V, 400W



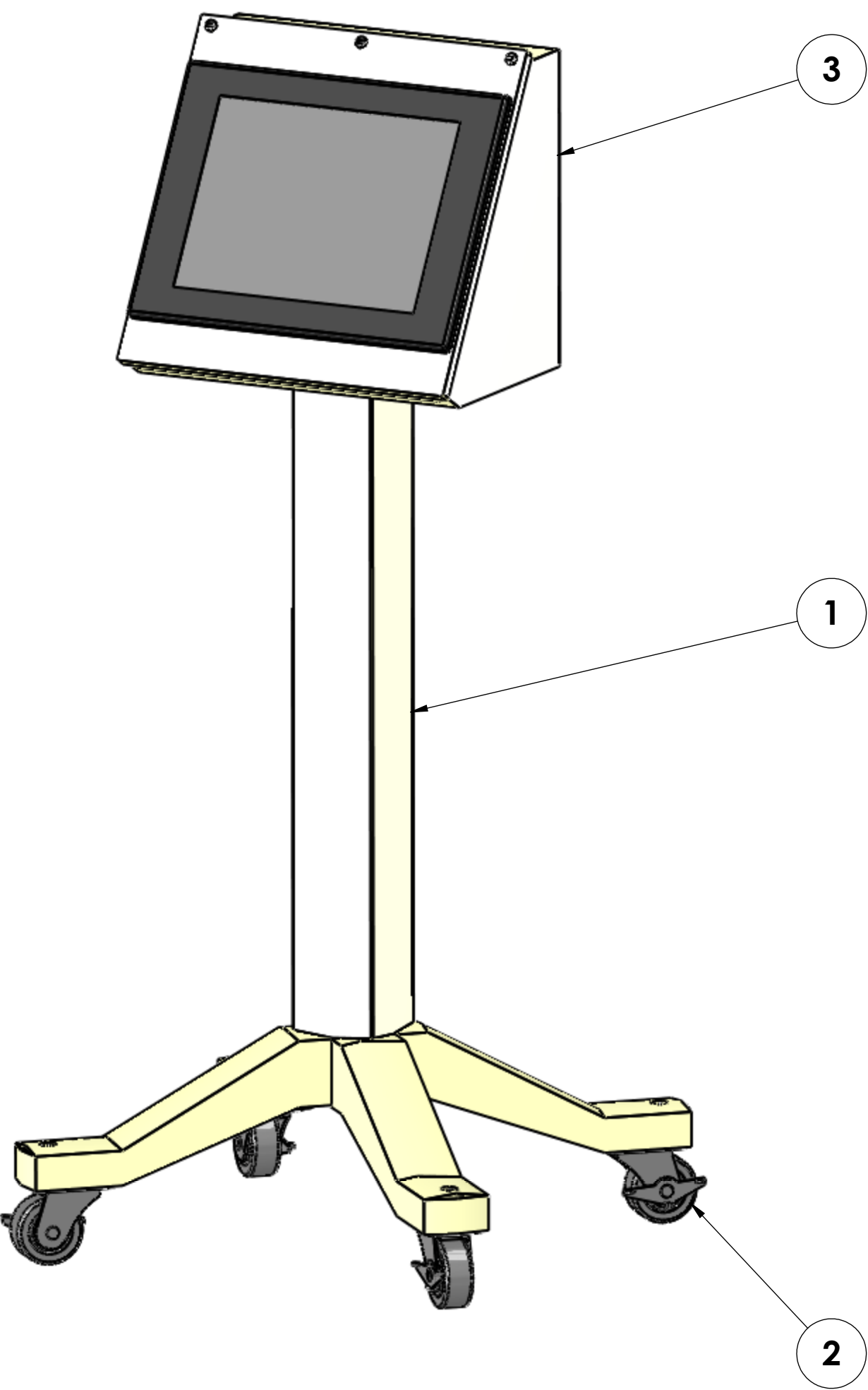
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Part Number / Description 105066-01 80H 70mm Assy & BOM	
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Date 8/2/2012	Qty this order:
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1 Plc. Decimal: ±.1
2 Plc. Decimal: ±.01
3 Plc. Decimal: ±.005
4 Plc. Decimal: ±.0005
Angular: ± 1°





HMI Pedestal Assembly

ITEM NO.	QTY.	PART NO. / DESCRIPTION
1	1	UMS-100225 Pedestal
2	2	UMS-100226 Caster Kit
3	1	UMS-100227 Console

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	Mat'l ---	 UNIVERSAL MULTISHOT SYSTEMS
	Drawn By Struck	Used on Core Systems 80H - 70mm
	Date 8/2/2012	Qty this order:
	Scale U.O.S. 1:6	Job # 105066-01
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