

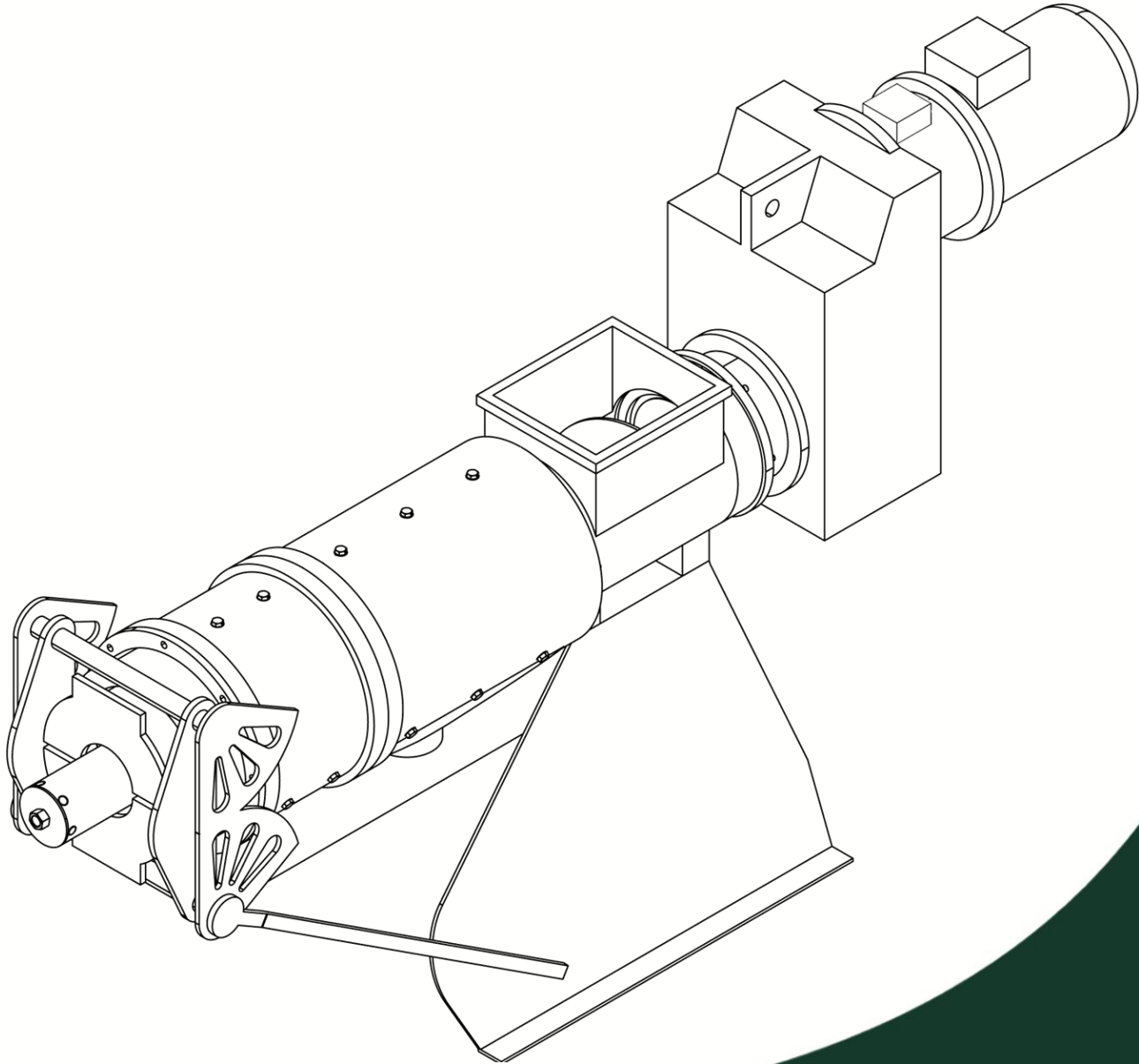


DARITECH^{INC}
Manure Management

Screw Press Separator

SP Series

Part Manual

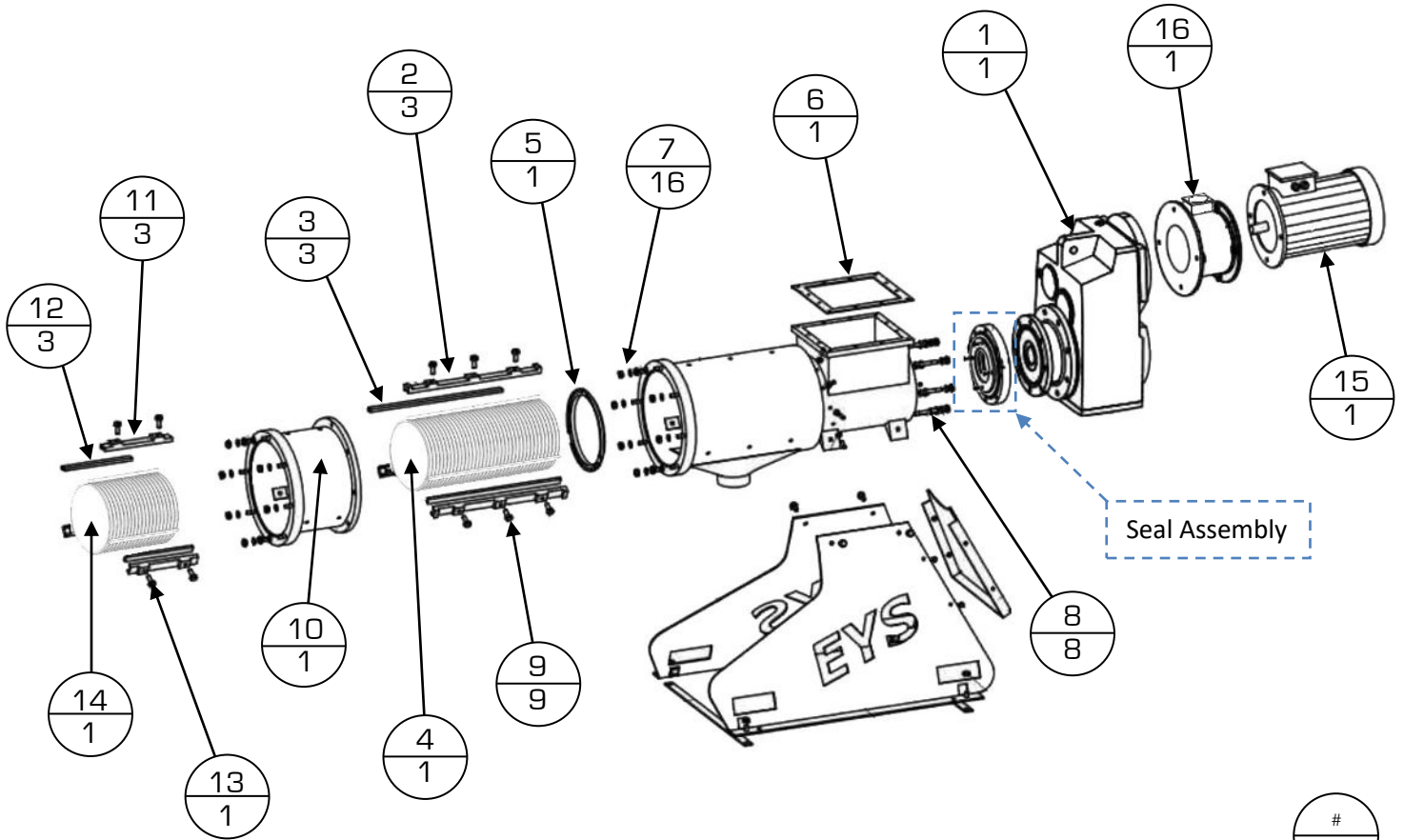


For Model:

SP-800HD

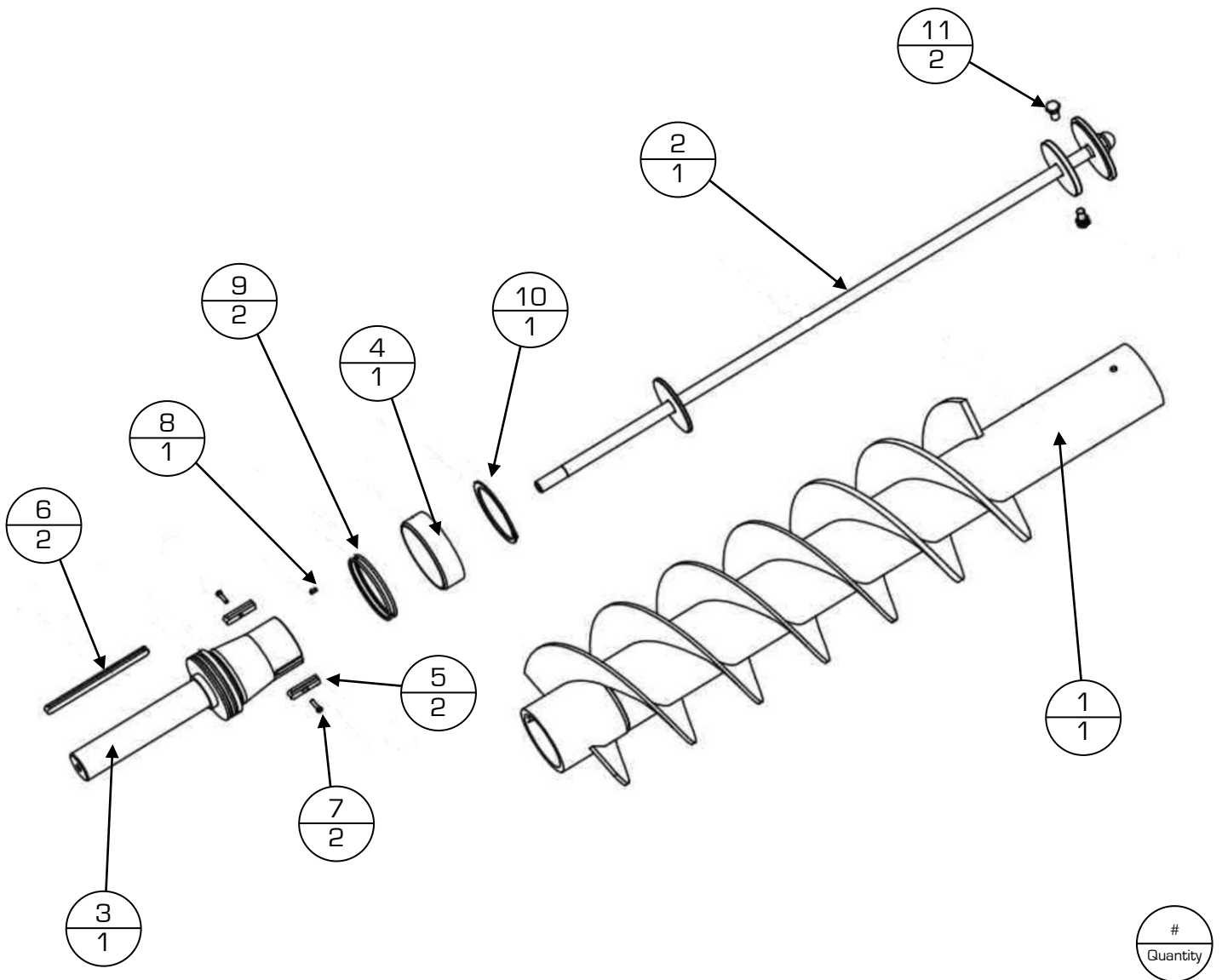
Revision #	Date	Description
Rev. 0.0		Date of completion
Rev. 0.1	7/23/2025	Part # updates on Main Assembly & Discharge Assembly pages

Screw Press SP 800HD



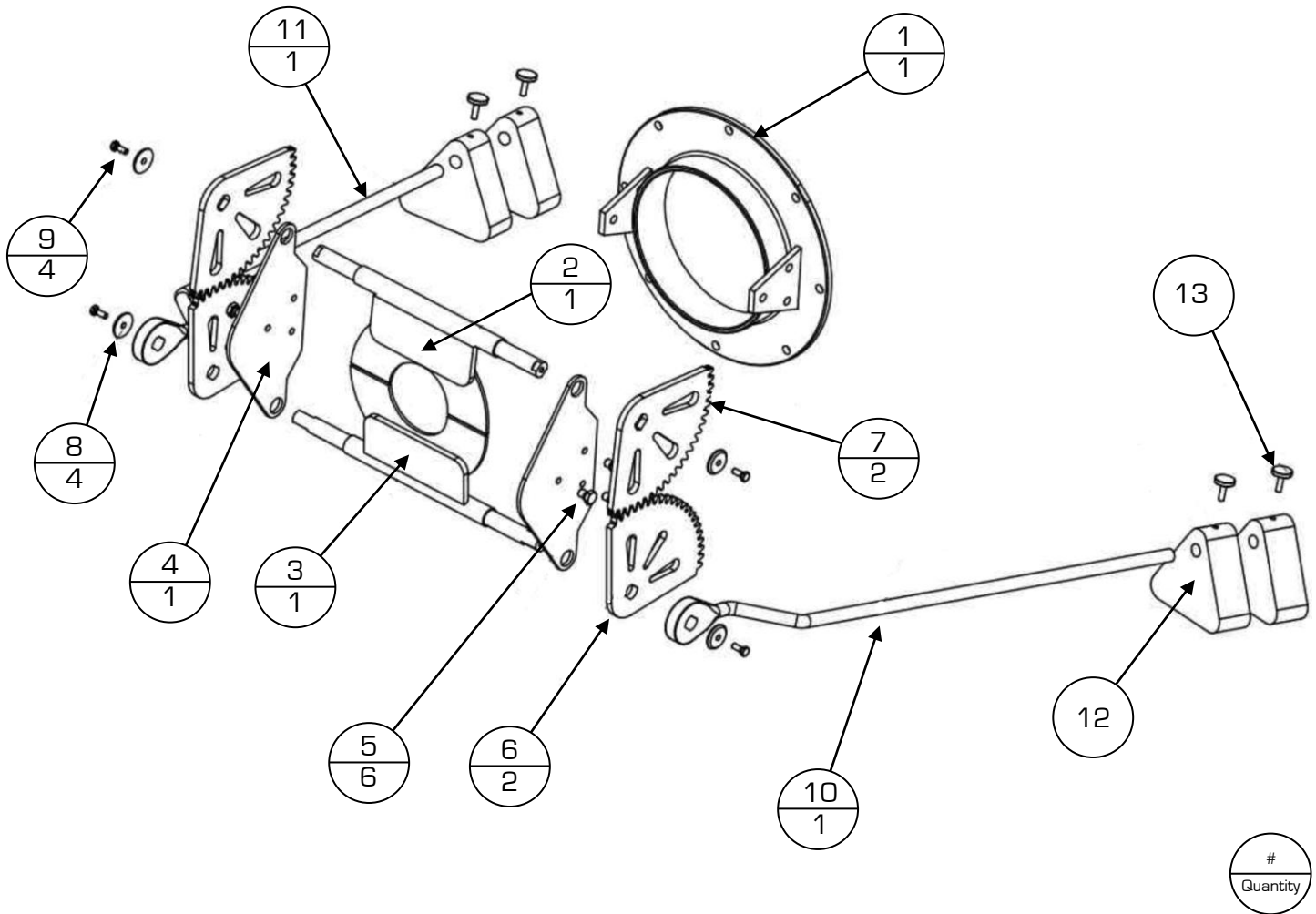
Label	Part #	Description	Label	Part #	Description
1	O807	Gearbox (PD73 - B5)	8	F514	Gearbox Stud M12 - 1.75 x 115mm
	C390	IEC Connector (PD73 IEC 160)		F719	Gearbox Stud M12 - 1.75 x 133mm
2	N838	Screen Guide Rail		A710	12mm Washer
3	D883	Guide Rail Insert		E683	12mm Hex Nut
4	R354	516mm X 1mm HD Full Screen 15mm Wrap	9	C158	Guide Rail Connection Screws - M12x35mm
				A710	12mm S/S Flat Washer
	A116	516mm X 1mm HD Full Screen 12.5mm Wrap	10	Y348	Body Extension
	D620	516mm X 0.5mm HD Full Screen 15mm Wrap	11	S471	Extension Guide Rail
	M227	516mm X 1mm HD Full Screen 10mm Wrap	12	O704	Extension Guide Rail Insert
5	F676	Body Wear Ring	13	P838	Body Extension Rail Bolt + 12mm F/W
6	D749	Inlet Cover Gasket	14	<i>Extension Screen HD</i>	
7	S106	Mouth Piece Stud 12mm		G394	258mm x 1mm HD Half 10mm Wrap
	E683	12mm Hex Nut		D872	258mm x 1mm HD Half 12.5mm Wrap
	A710	12mm Washer	15	P750	11 Kw Motor (body:132)
			16	E698	Grease Pack

Screw Press SP 800HD – Auger Assembly



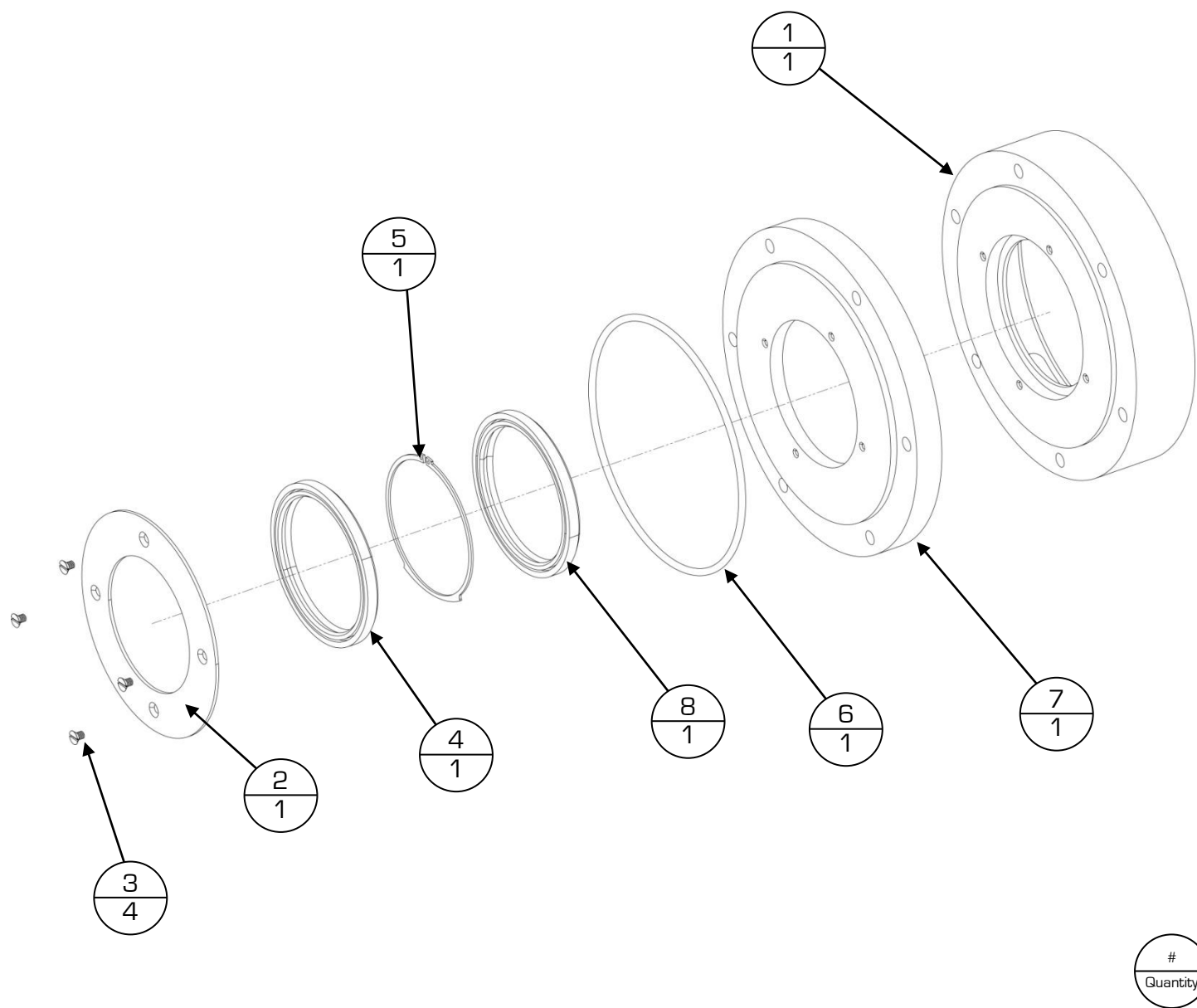
Label	Part #	Description
1	J775	Auger
2	T331	Auger Assembly Rod for SP 800HD
3	Y543	Auger Hub
4	R516	Hub Wear Ring
5	Z774	Hub - Auger Key
6	G448	Hub - Gearbox Key
7	L702	Allen-Head Screw
8	Y531	Pin
9	R443	O-Ring
10	M834	Snap Ring [093]
11	N719	Dismantling Bolt

Screw Press SP 800HD – Discharge Assembly



Label	Part #	Description
1	E142	Mouth Piece
2	K801	Upper Flap
3	V124	Lower Flap
4	U198	Side Plate
5	P838	Hex Bolt
6	F177	Lower Gear
7	R826	Upper Gear
8	J437	Washer
9	U167	Door Gear Bolts
10	E126	Regulation Arm (Right)
11	D519	Regulation Arm (Left)
12	J390	Weights <i>(Quantity Can Vary, Sold As Needed)</i>
13	M717	Weight Positioning Screws <i>(Quantity Can Vary, Sold As Needed)</i>

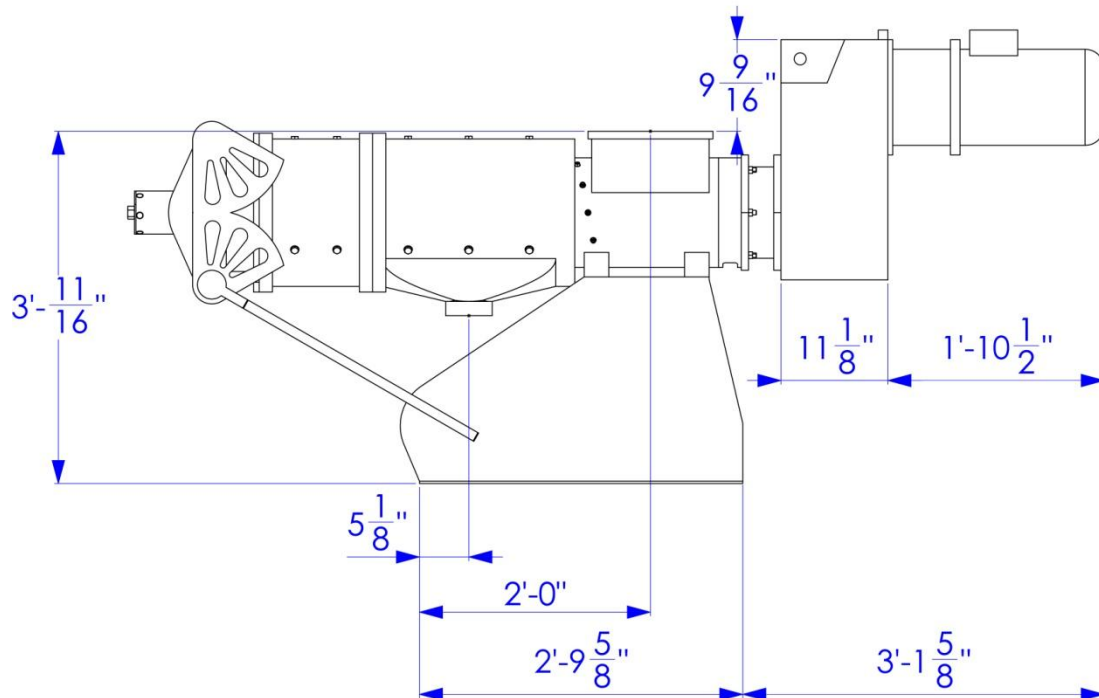
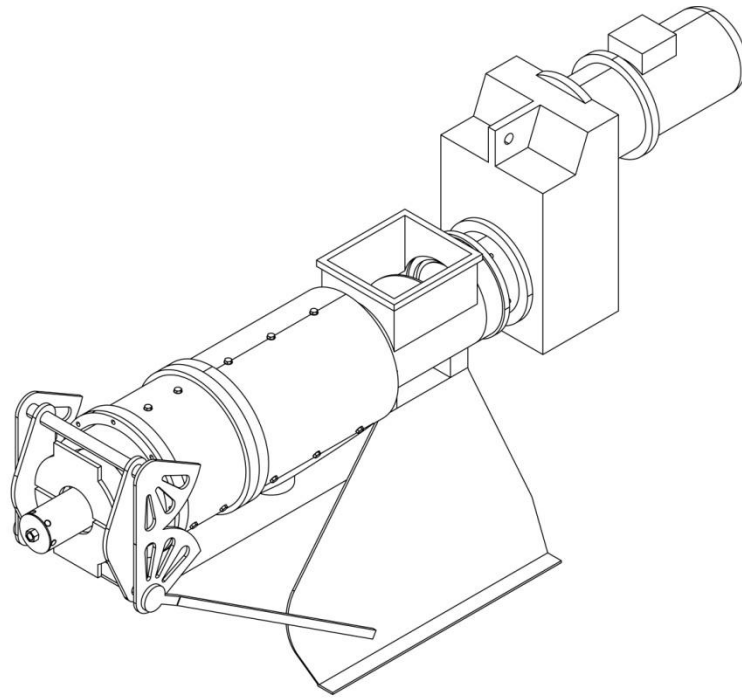
Screw Press Separator – Seal Assembly



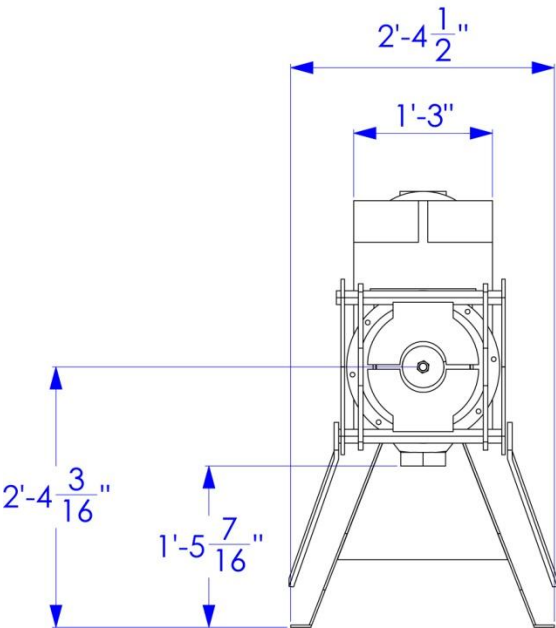
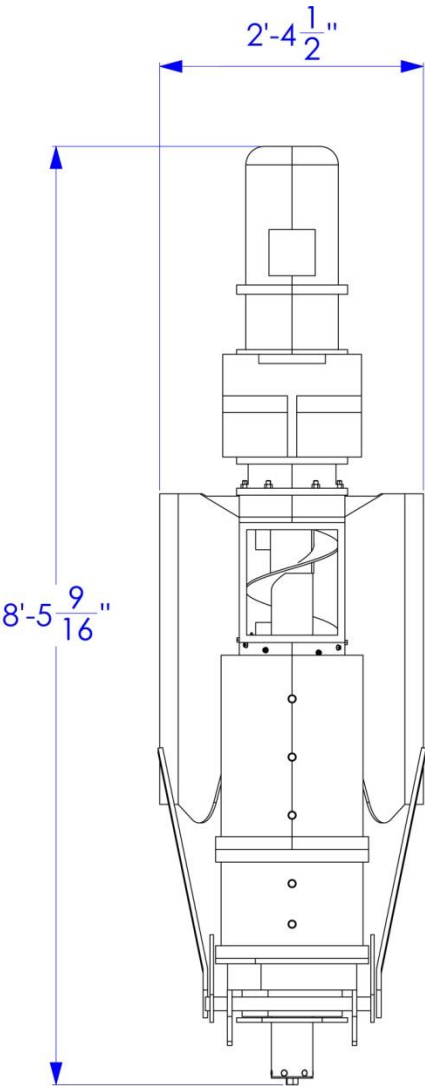
Parts associated with * next to them are sold as an assembly kit only. Kit includes parts 1-6.

Label	Part #	Description
1	*C726	Gearbox Separation Flange (Sold as Kit Only)
2	Y239	Seal Plate Cover
3	O676	Countersink Allen-Head Bolt
4	O416	Seal - Cut
5	C404	Snap Ring
6	E417	O-Ring
7	Q661	Spacer Plate (HD Models Only) Sold Separately
8	P616	Seal Double Lip

Screw Press Separator – SP-800HD Overall Dimensions



Screw Press Separator – SP-800HD Overall Dimensions



For Technical Support, to order Replacement Parts, or for questions about other products, please
contact your local dealer.
