DARITECH INC
Manure Management

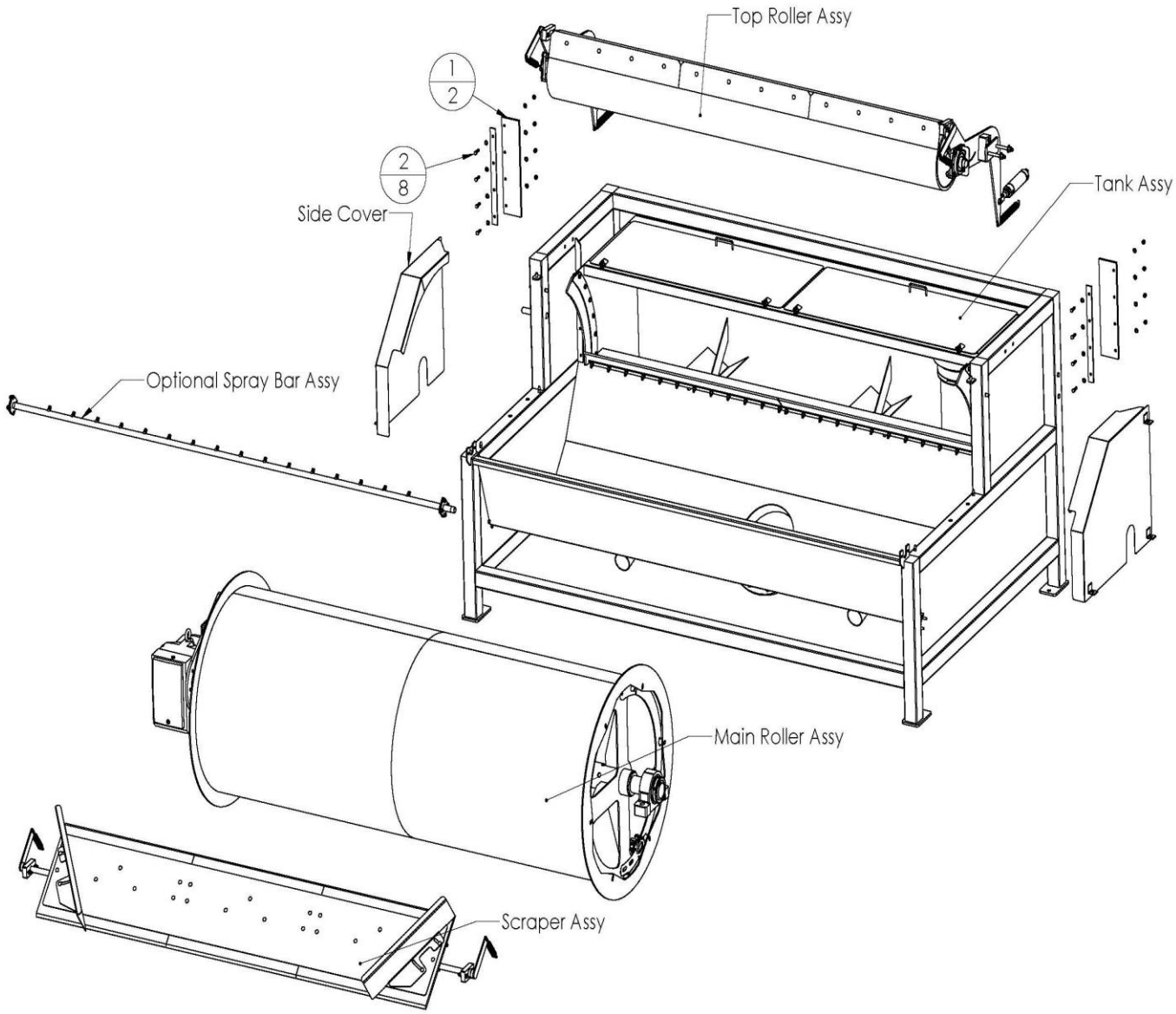
The DTX by DARITECH

Part Manual

For Model:

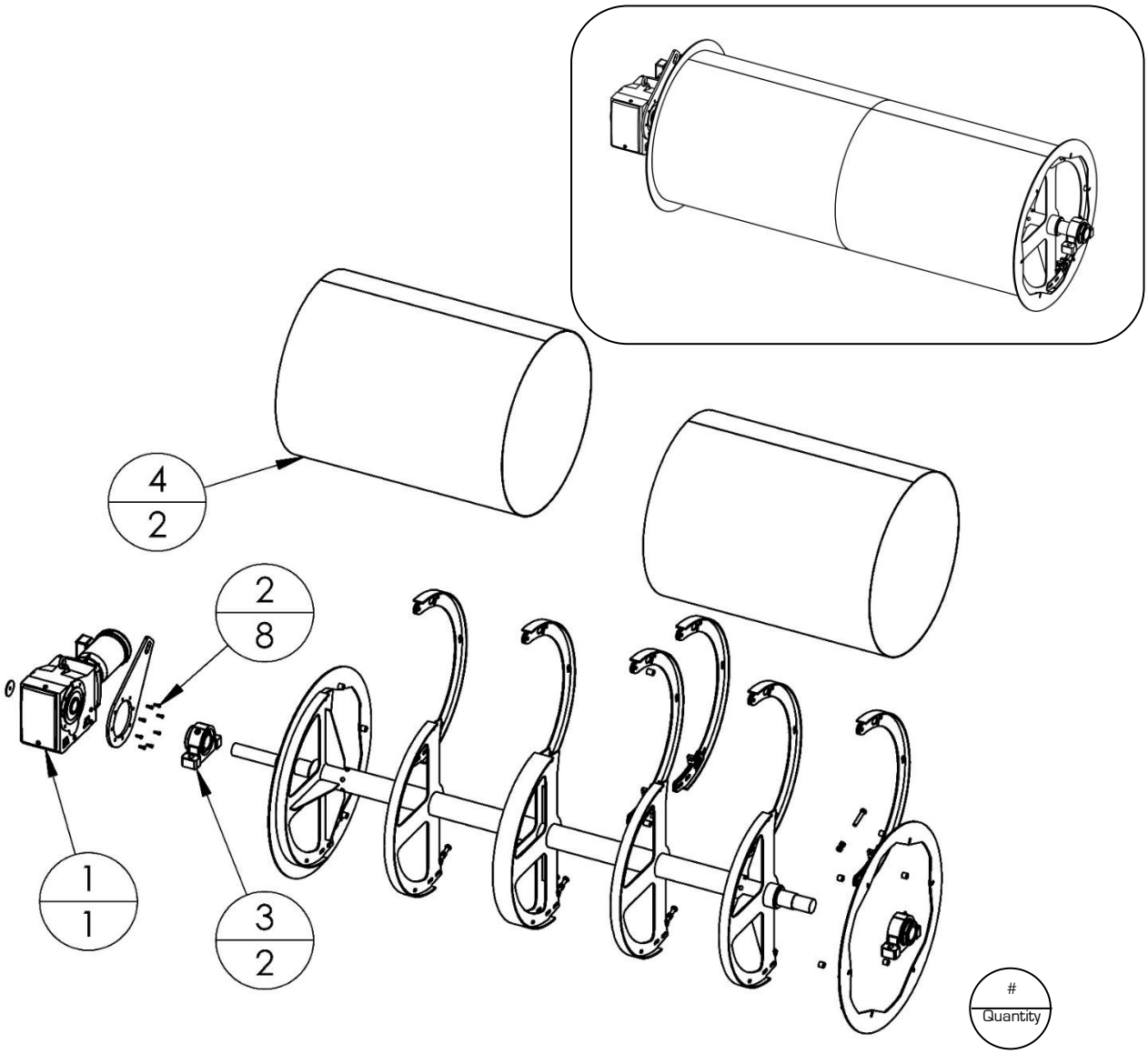
DTeXternal Separator 96"
(DTX)

DTX-96" - Components



Label	Part #	Description
1	A207	DTX Rubber Strip Vertical
2	L580	3/8"-16 x 1-1/4" SS Hex Bolt
	E143	3/8" SS Flat Washer
	M156	3/8"-16 SS Nylock Nut

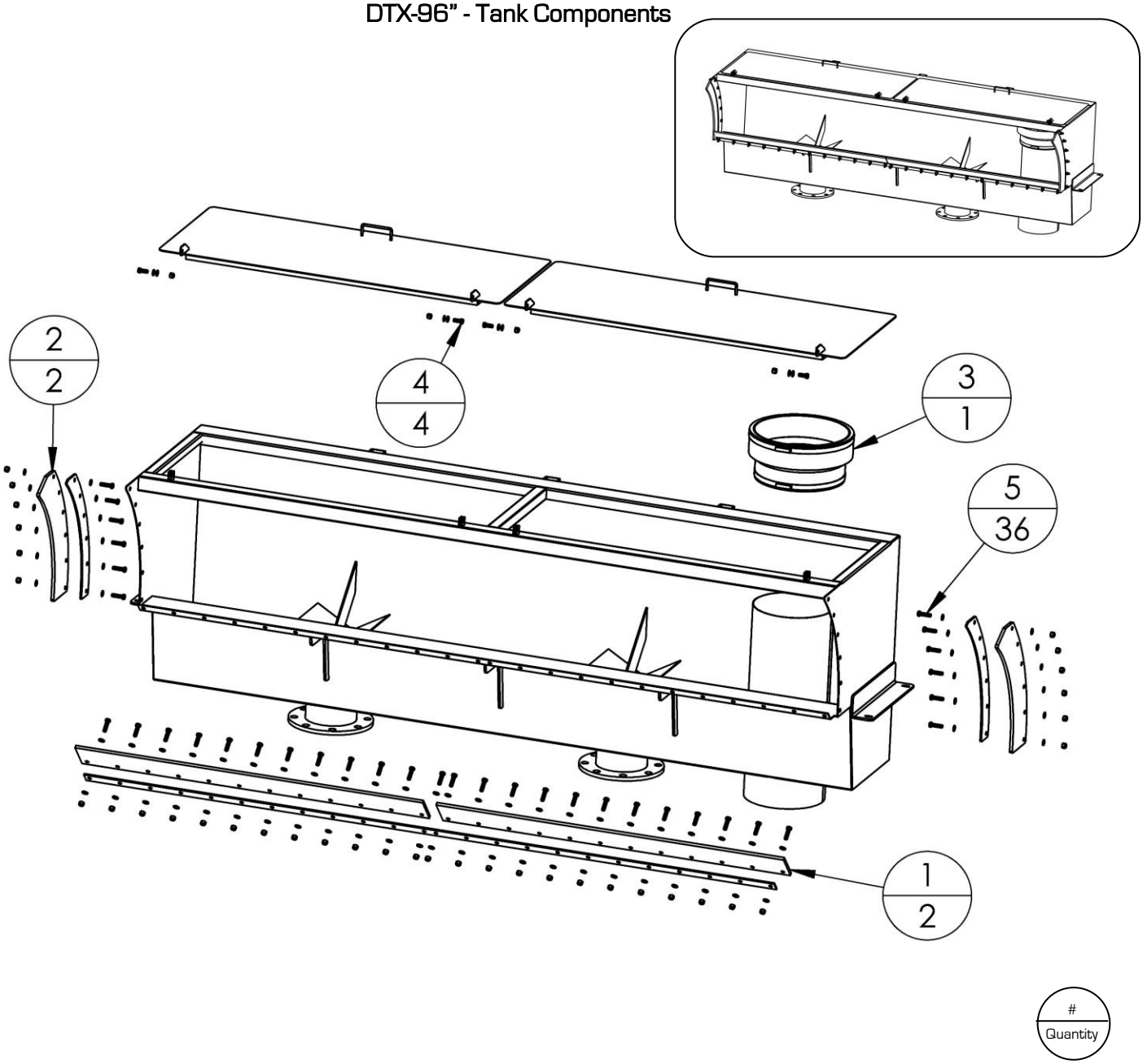
DTX-96" – Main Roller ASM



Label	Part #	Description
1	K154	Nord Gearbox – 2HP w/Motor 3 PH. 235:1 (DTX 96")
	A189	Nord Motor 2 HP 140TC 3 PH 50/60
	0199	Nord Gearbox Only 2HP 235:1 (DTX 96")
2	T534	8.8 M8 – 1.25X25 Zinc Hex Bolt
3	F714	Dodge Pillow Block Bearing 2-11/16" – 2-Bolt – P2B-S2-211R (DTX 96)
4	S696	96" DTX Perforated Complete Screen (Bolt Together/Re-Screenable)
	K799	DTX 96" Replacement 1/8" Screen Shell Set Only
	E129	DTX 96" Replacement 1/16" Screen Shell Set Only
	S651	96" DTX Wedge Wire Complete Screen (Bolt Together/Replaceable Screen)
	C147	96" DTX Wedge Wire Screen Shell Only

*Items not listed are considered non-common replacement parts and can be custom ordered upon request.

DTX-96" - Tank Components



Label	Part #	Description
1	P639	DTX-96 Bottom Rubber
2	L746	DTX rubber Side 48 – 3/8" Black Urethane 60A Durometer
3	P775	10" X 8" Fernco Coupling
4	0443	3/8" – 16 X 1" SS Hex Head Bolt
	E143	*3/8" – 7/8" SS Flat Washer*
	M156	*3/8" – 16 SS Nylok Nut*
5	Z175	3/8" – 16 X 1-1/2" SS Hex Head Bolt
	E143	*3/8" – 7/8" SS Flat Washer*
	M156	*3/8" – 16 SS Nylok Nut*

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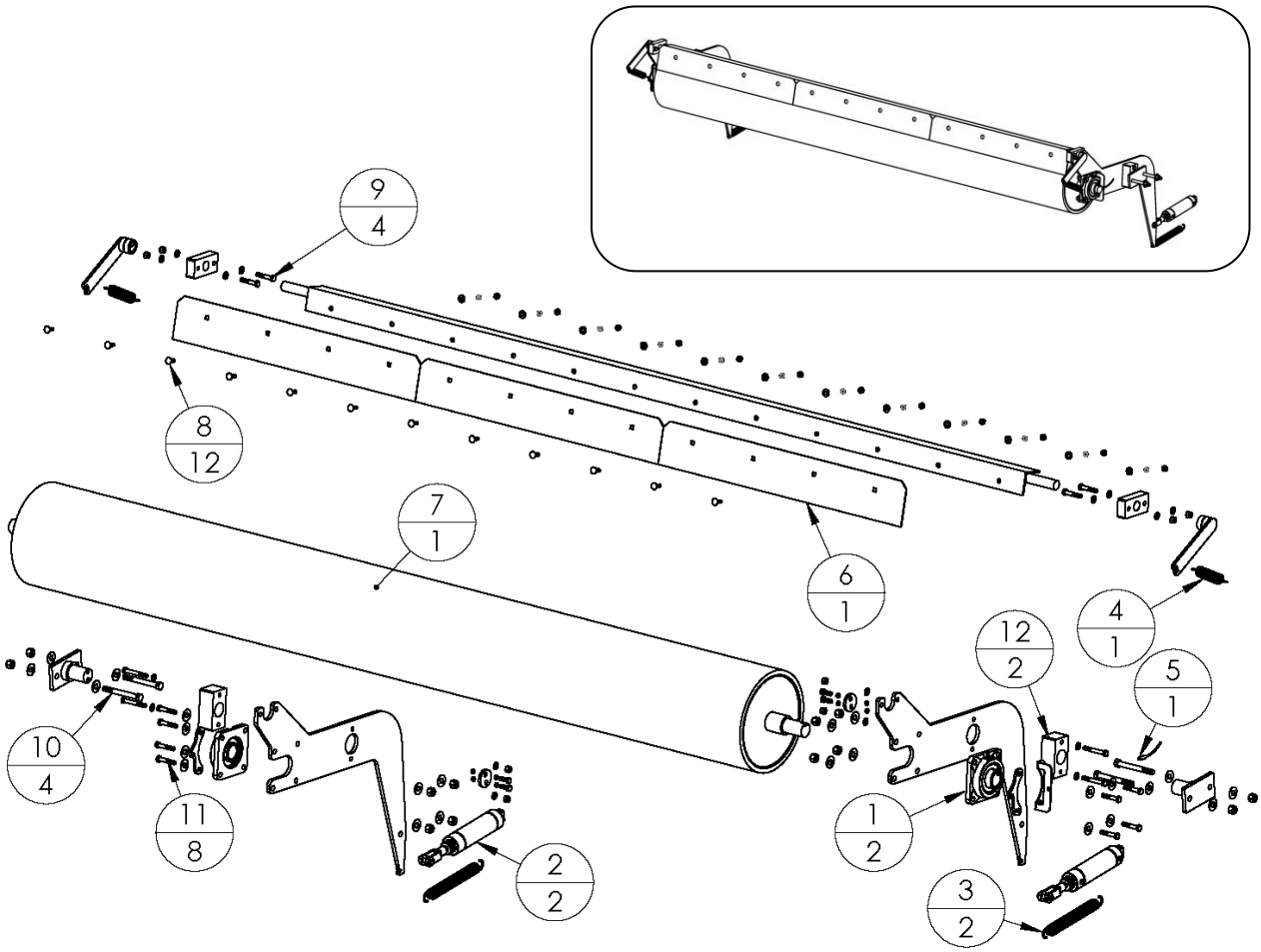
DTX-96" – Top Roller Assembly

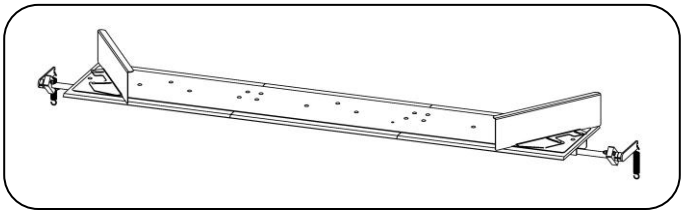


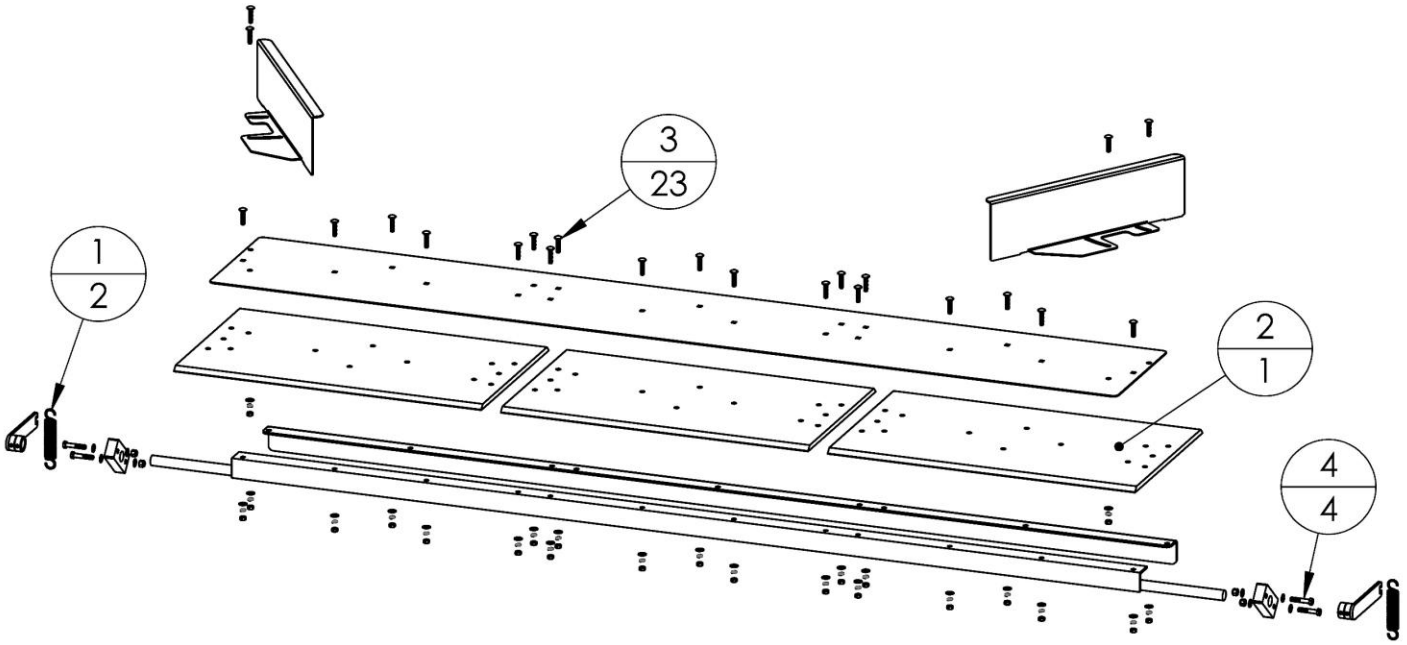
Label	Part #	Description
1	X862	4-Bolt Flange Bearing 1-1/2" Bore, Double Set Screw (DTX48/96)
2	E304	2 X 4 Air Cylinder
3	J637	1" X 5" SS Ext Spring 10.41 LB/IN
4	Z346	1" X 8" SS Ext Spring 22.78 LB/IN
5	M548	DTX Top Roller Proximity Sensor
6	S382	DTX-96 Top Roller Scraper
7	K590	DTX-96 Top Roller (Rubber)
8	U130	5/16" X 1" Carriage Bolt
	S581	*5/16" – 18 SS Nut*
	J470	*5/16" SS Lock Washer*
	Q797	*5/16" - ¾" SS Flat Washer*
9	K895	3/8" – 16 X 2" SS Bolt
10	G780	3/8" – 16 X 2-¾" SS Bolt
11	D131	½" X 2" SS Bolt
	N700	96" DTX Top Scraper Assembly Complete w/ Arms & Springs
12	L168	Plastic Roller Block, UHMW

Quantity

*Items not listed are considered non-common replacement parts and can be custom ordered upon request.

DTX-96" – Scraper Assembly





Label	Part #	Description (# Quantity)
	Y193	96" DTX Bottom Scraper Assembly Complete w/ Arms & Springs
1	Q211	1" X 5" SS Ext Spring 10.41 LB/IN
2	V628	DTX 96 Screen Scraper – ½" Black HDPE REPRO E-72661
3	Q541	5/16" 18 X 1-1/2" Carriage Bolt
	S581	*5/16" SS Nut*
	T829	*5/16" SS Lock Washer*
	Q797	*5/16" SS Flat Washer*
4	T720	3/8" X 2-¼" SS Bolt
	G736	*3/8" – 7/8" SS Lock Washer*
	E143	*3/8" – 7/8" SS Flat Washer*
	M156	*3/8" – 16 SS Nylok Nut*

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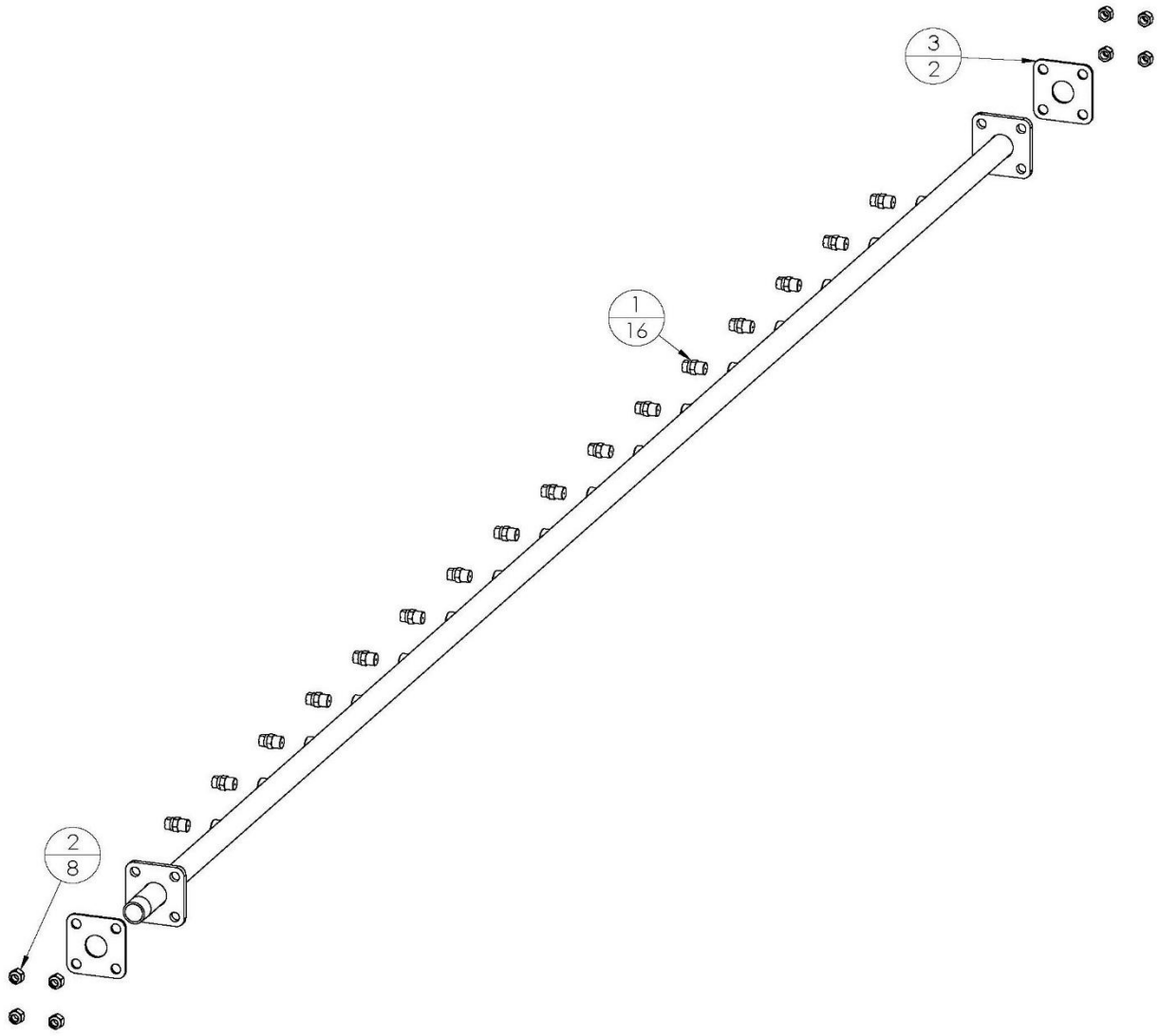
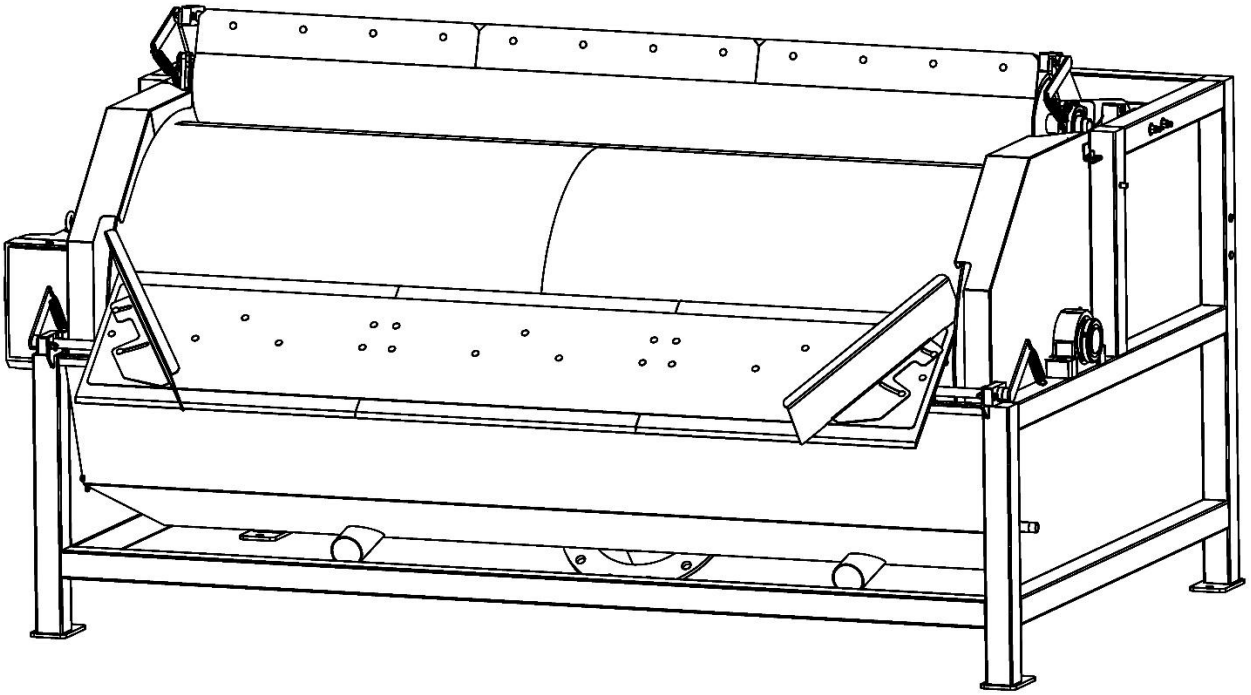
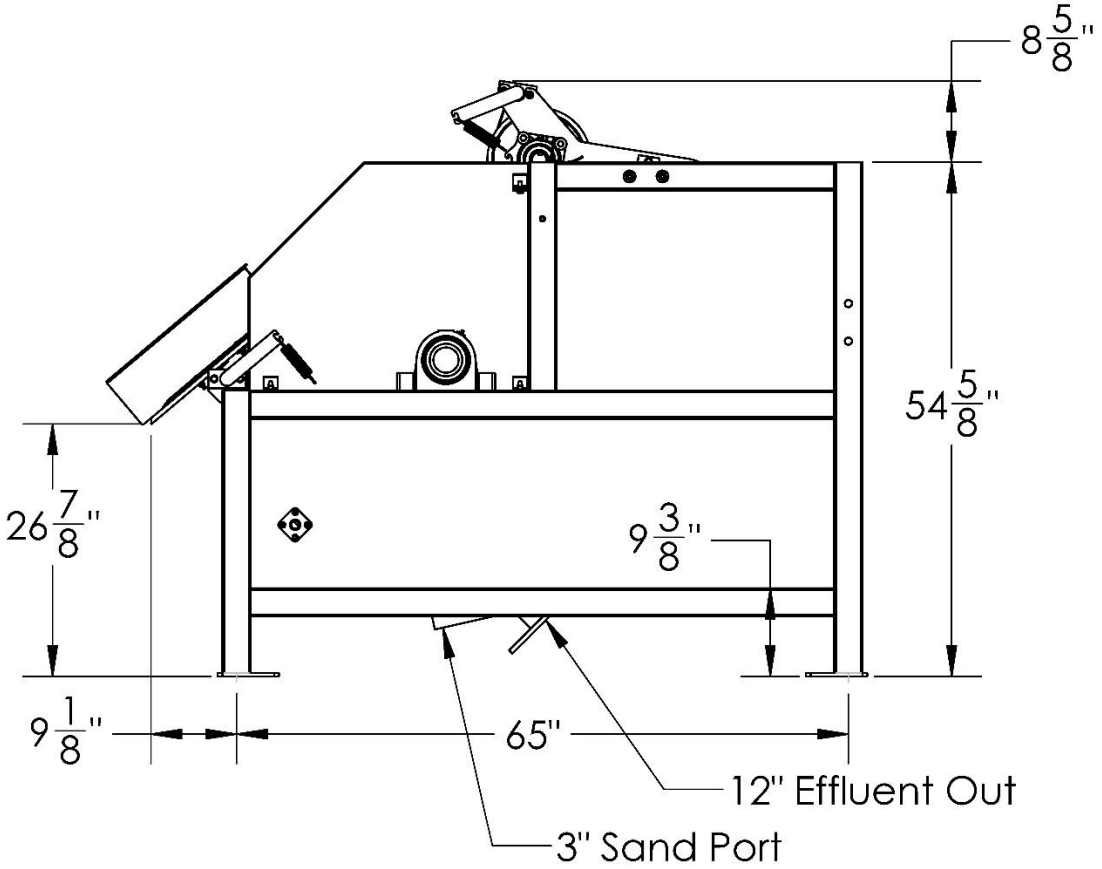
DTX 96" – Optional Spray Bar

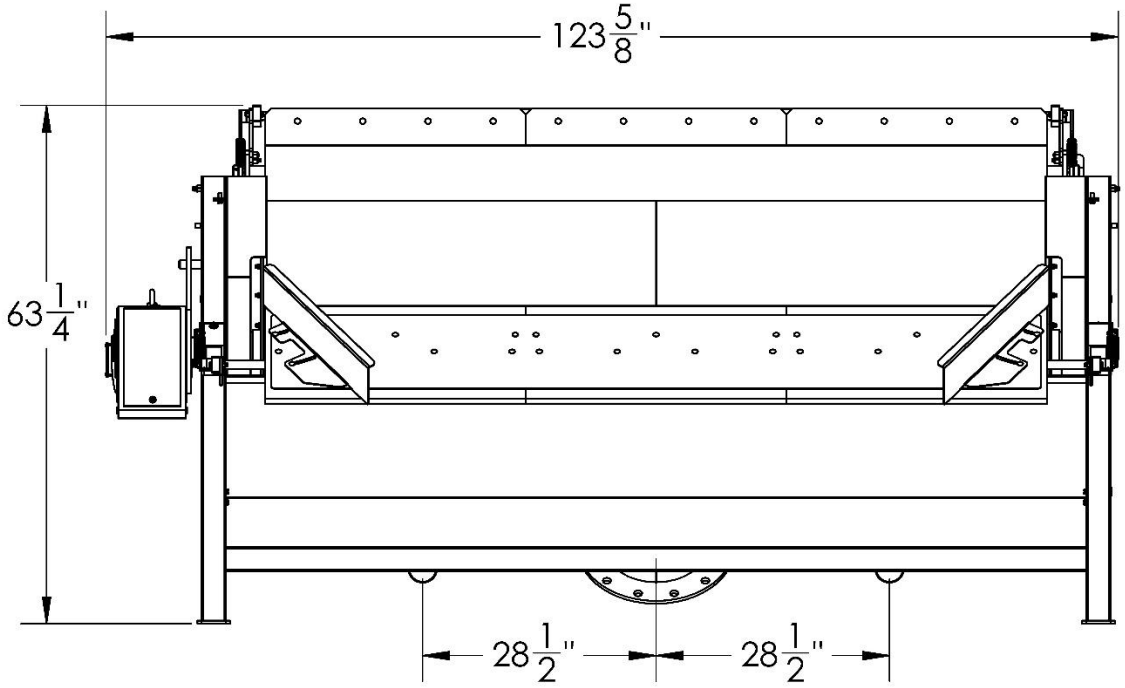


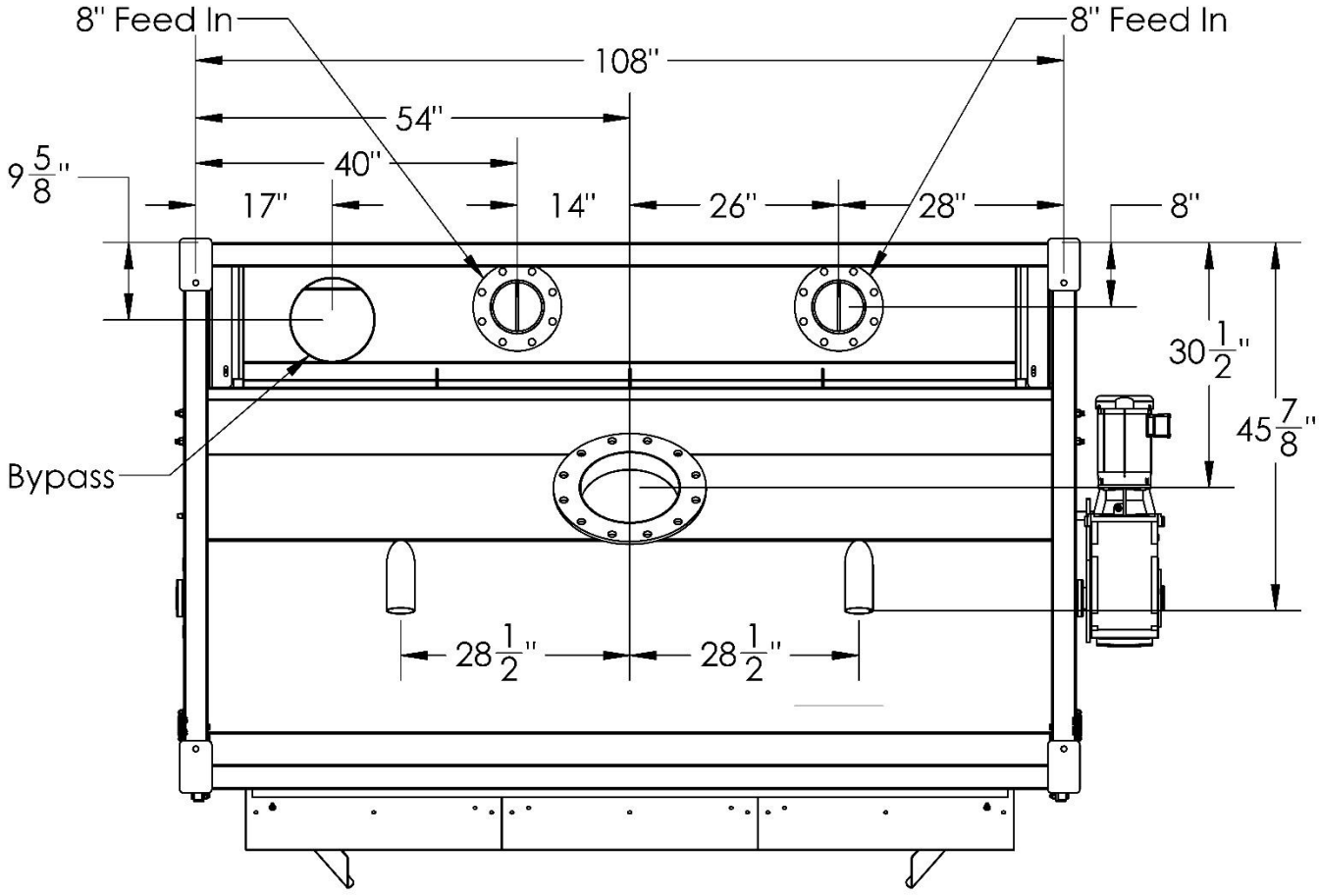
Label	Part#	Description
1	R455	DT360 1/4" SS Spray Nozzle 9510
2	M156	3/8" SS Nylock Nuts
3	K129	Spray Bar Gesket 1/8" Black Neoprene – DIE M303NEI




8 5/8"
54 5/8"
26 7/8"
9 3/8"
9 1/8"
65"
12" Effluent Out
3" Sand Port

DTX-96" – Overall Dimensions





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

DARITECH INC

www.daritech.com