DARITECH INC
Manure Management

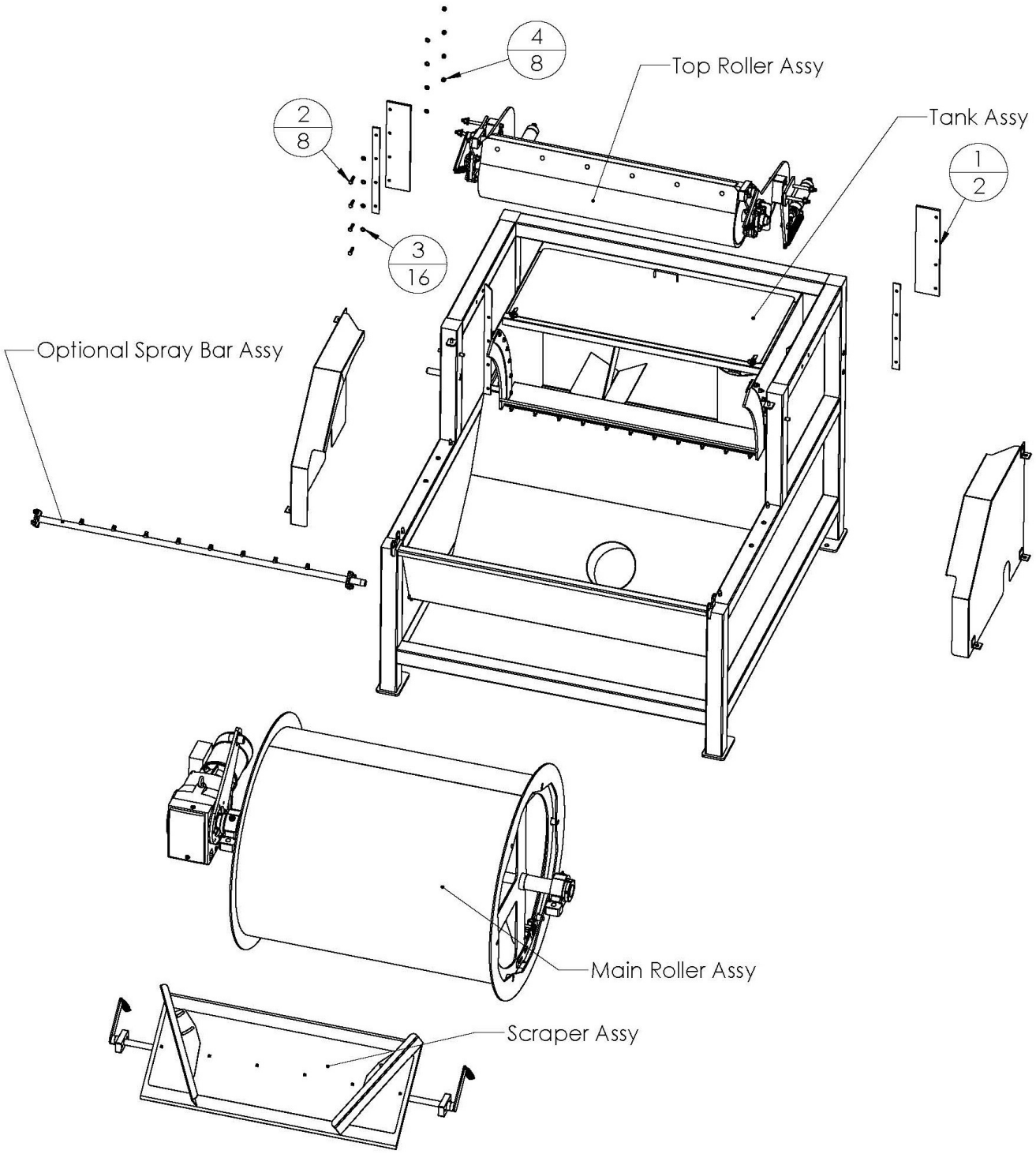
The DTX by DARITECH

Part Manual

For Model:

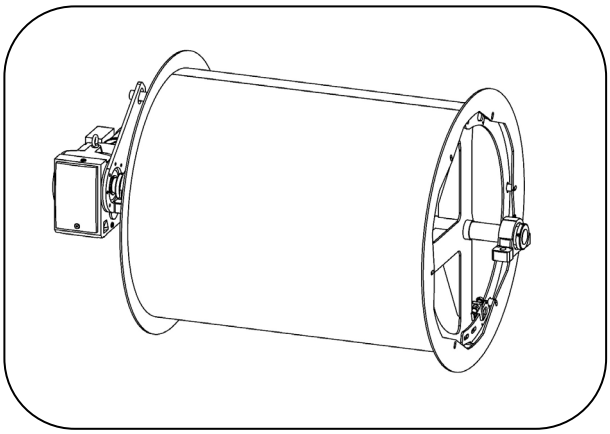
DTeXternal Separator 48”
(DTX)

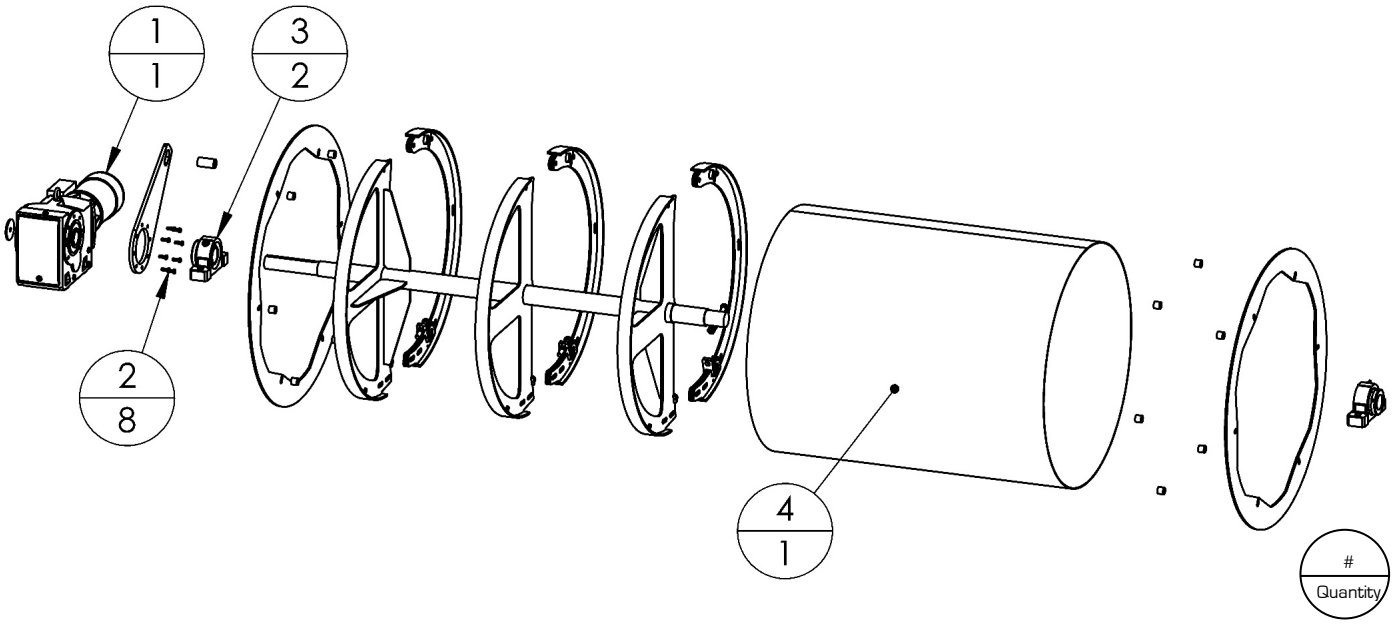
DTX 48" - Components



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

DTX 48" – Main Roller ASM

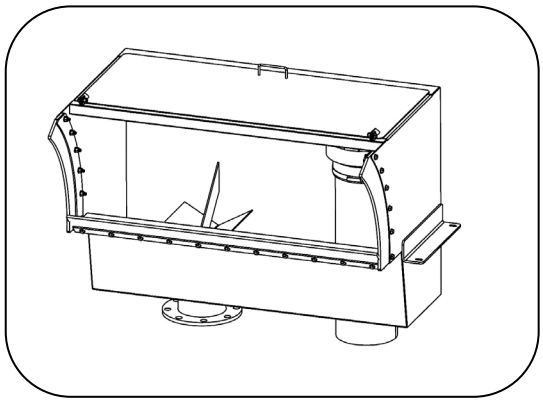


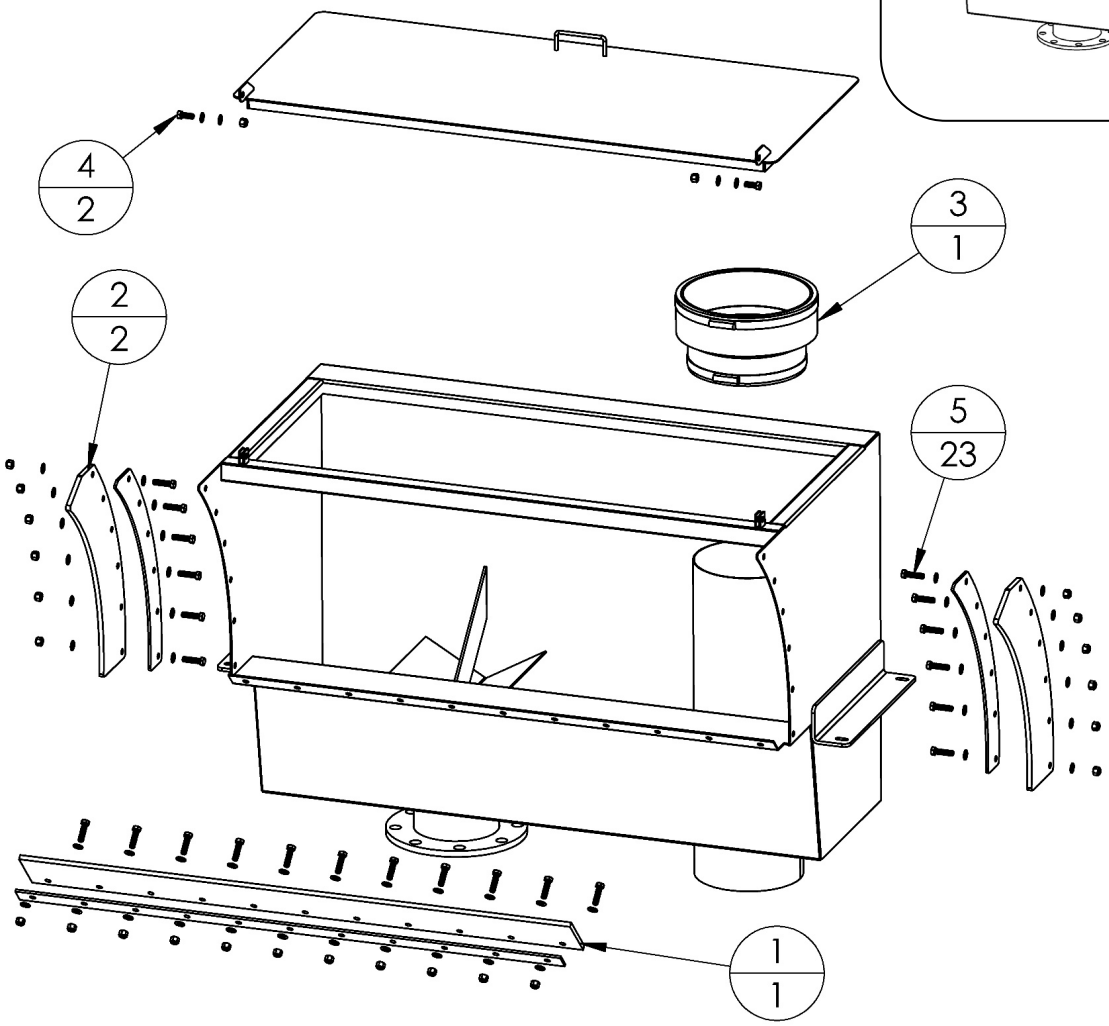


Label	Part #	Description
1	Z134	Nord Gearbox – 1HP w/Motor 3 PH. 233.92:1 (DTX 48"/2RP24"/4RP 42"/6RP 48")
	O149	Nord Motor 1 HP 56C 3 PH. 50/60
	Q759	Nord Gearbox Only (48" DTX/42" 4-RP
2	T534	8.8 M8-1.25X25 Zinc Hex Bolt
3	G469	Dodge Pillow Block Bearing 2-3/16" – 2-Bolt – P2B-S2-203R (DTX 48)
4	G663	48" DTX Perforated Complete Screen (Bolt Together/Re-Screenable)
	L360	DTX 48" Replacement 1/8" Screen Shell Only
	T662	DTX 48" Replacement 1/16" Screen Shell Only
	V567	48" DTX Wedge Wire Complete Screen (Bolt Together/Re-Screenable)
	C910	48" DTX Wedge Wire Screen Only

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

DTX 48" - Tank Components





Label	Part #	Description
1	L789	DTX Rubber Bottom 45-1/2" – 3/8" Black Urethane 60A Durometer
2	L746	DTX Rubber Side 48 – 3/8" Black Urethane 60A Durometer
3	P775	10" X 8" Fernco Coupling
4	0443	3/8" X 1" SS Hex Bolt
	E143	*3/8" – 7/8" SS Flat Washer*
	M156	*3/8" – 16 SS Nylock 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 Nylock Nut*

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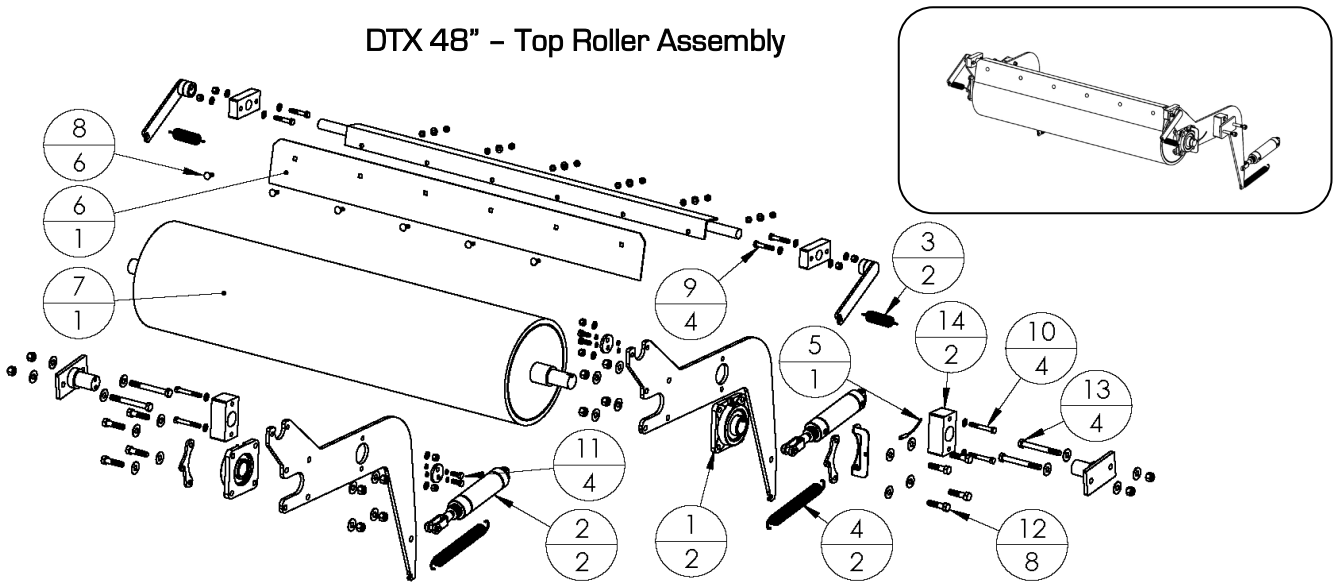
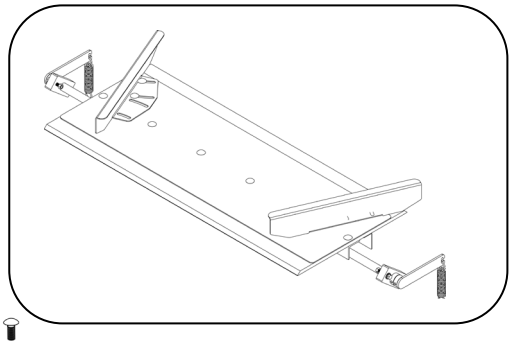
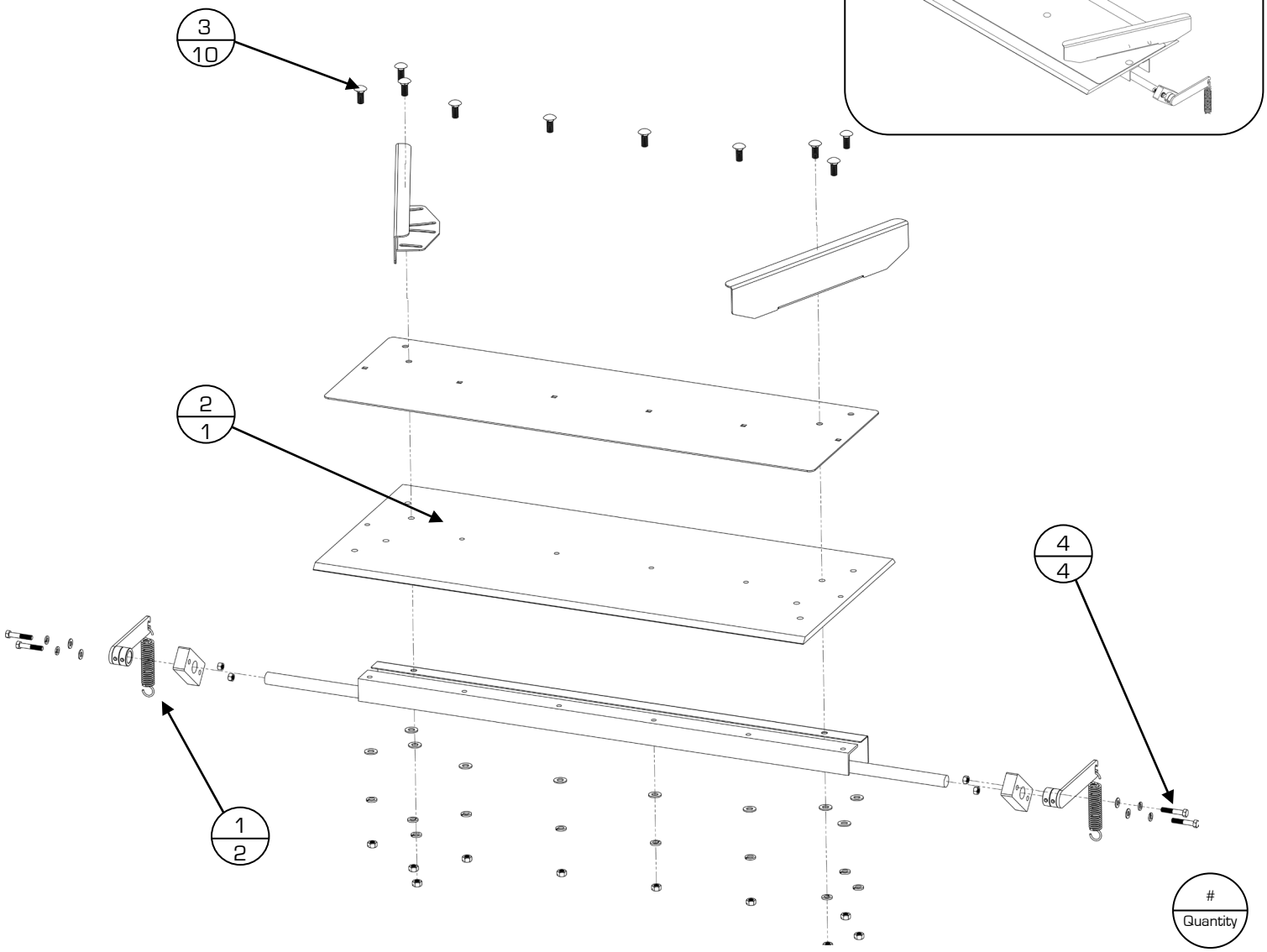
DTX 48" – Top Roller Assembly



Label	Part #	Description (# Quantity)
	J363	48" DTX Scraper Assembly Complete w/ Arms & Springs
1	X862	4-Bolt Flange Bearing 1-1/2" Bore, Double Set Screw (DTX48/96)
2	E304	2 X 4 Air Cylinder
3	Z346	1" X 8" SS Ext Spring 22.78 LB/IN
4	J637	1" X 5" SS Ext Spring 10.41 LB/IN
5	M548	DTX Top Roller Proximity Sensor
6	K278	DTX Top Roller Scraper 45-1/2"
7	Z621	DTX-48 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 Hex Head Bolt
	E143	3/8" SS Flat Washer
	M156	3/8" – 16 SS Nylock Nut
10	G780	3/8" – 16 X 2-¾" SS Hex Head Bolt
	E143	3/8" SS Flat Washer
	M156	3/8" – 16 SS Nylock Nut
11	0443	3/8" – 16 X 1" SS Hex Head Bolt
	G736	3/8" SS Split Lock Washer
12	D131	½" -13 X 2" SS Hex Head Bolt
	U124	1/2" SS Flat Washer
	F567	1/2" – 13 SS Nylock Nut
13	L899	½" -13 X 4-1/2" SS Hex Head Bolt
	U124	1/2" SS Flat Washer
	F567	1/2" – 13 SS Nylock Nut
14	L168	Plastic Roller Block, UHMW

DTX 48" – Scraper Assembly





Label	Part #	Description
	R536	48" DTX Bottom Scraper Assembly Complete w/ Arms & Springs
1	S660	1" X 5" SS Ext Spring 16.16 LB/IN
2	D467	DTX 48 Screen Scraper – ½" Black HDPE Repro E-70679
3	Q541	5/16" 18 X 1-1/2" Carriage Bolt
	S581	*5/16" SS Nut*
	J470	*5/16" SS Lock Washer*
	Q797	*5/16" SS Flat Washer*
4	K895	3/8" X 2" 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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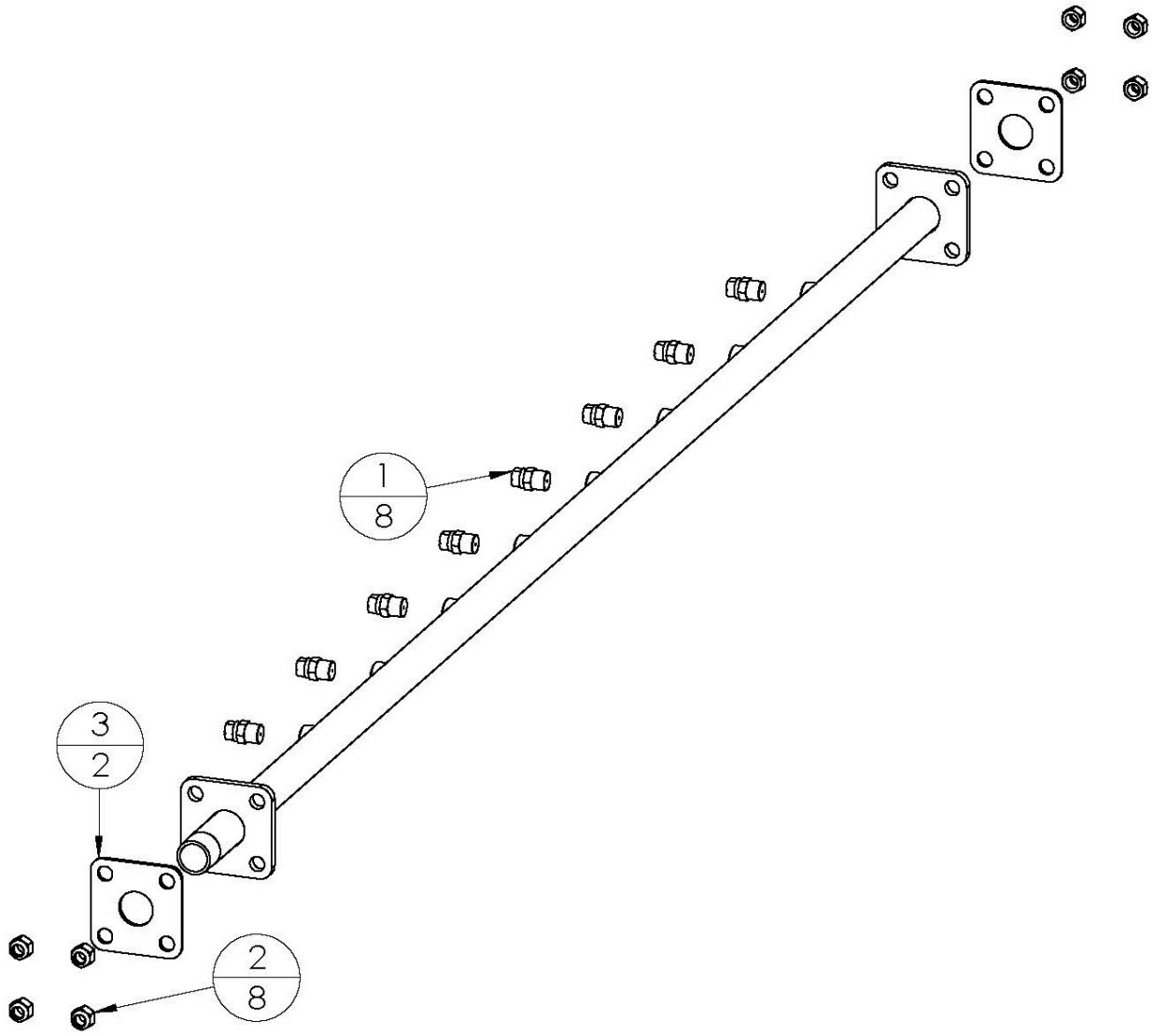
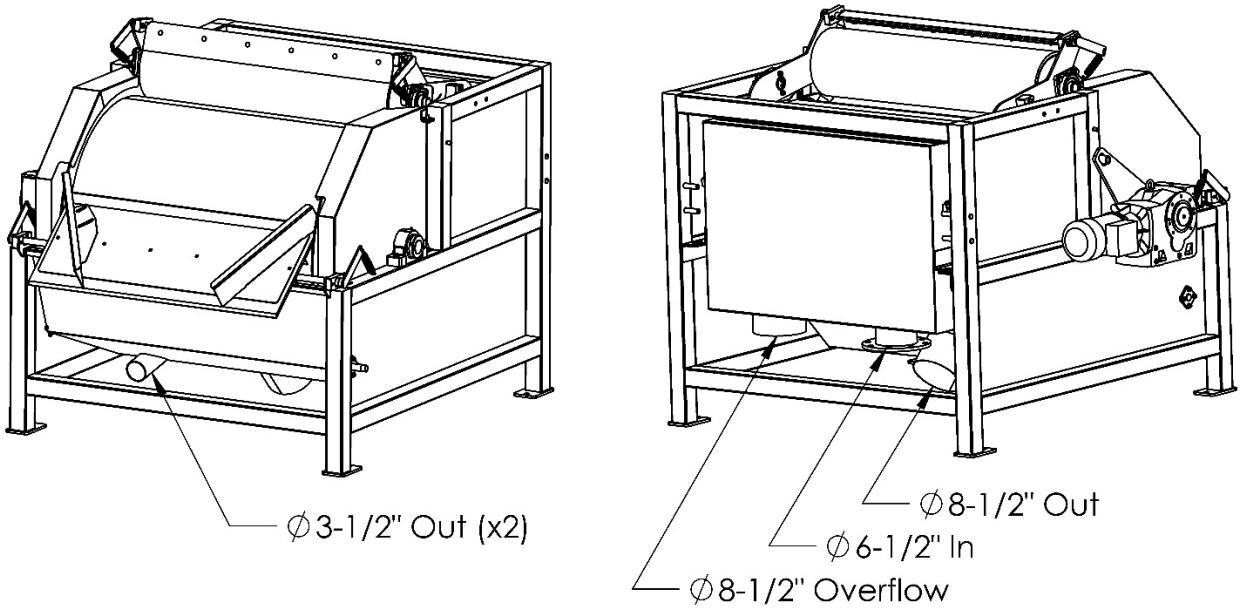
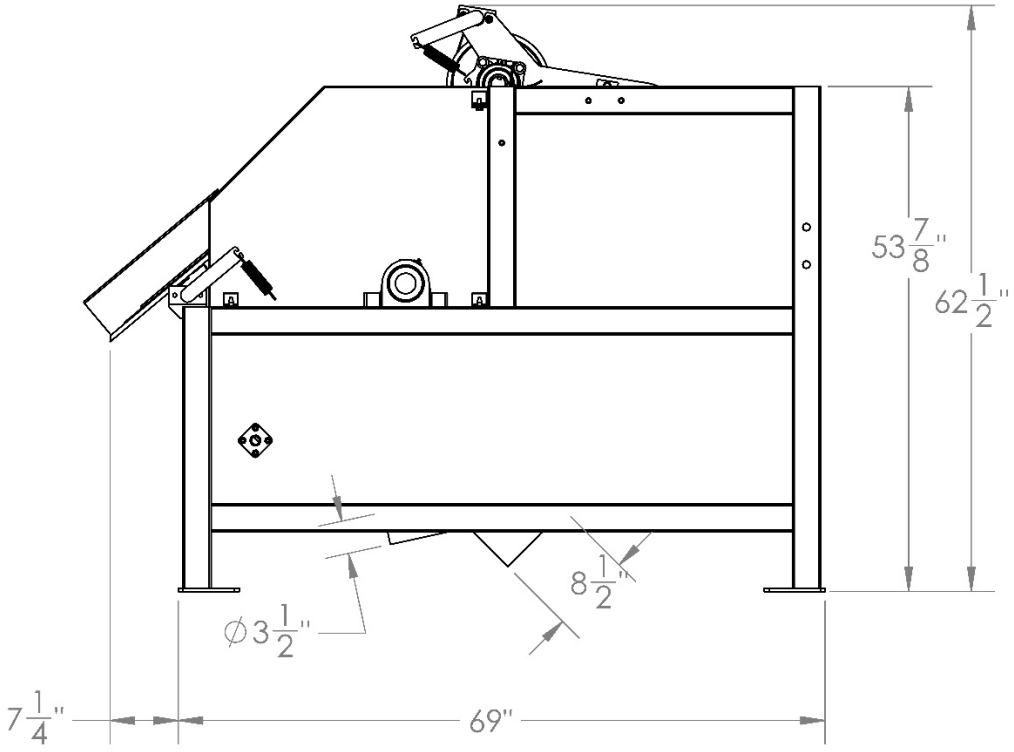
DTX 48" – Optional Spray Bar



Label	Part#	Description
1	R455	DT360 ¼" SS Spray Nozzle 9510
2	M156	3/8" - 16 SS Nylock Nuts
3	K129	Spray Bar Gasket 1/8" Black Neoprene – DIE M303NEI

DTX 48" – Overall Dimensions





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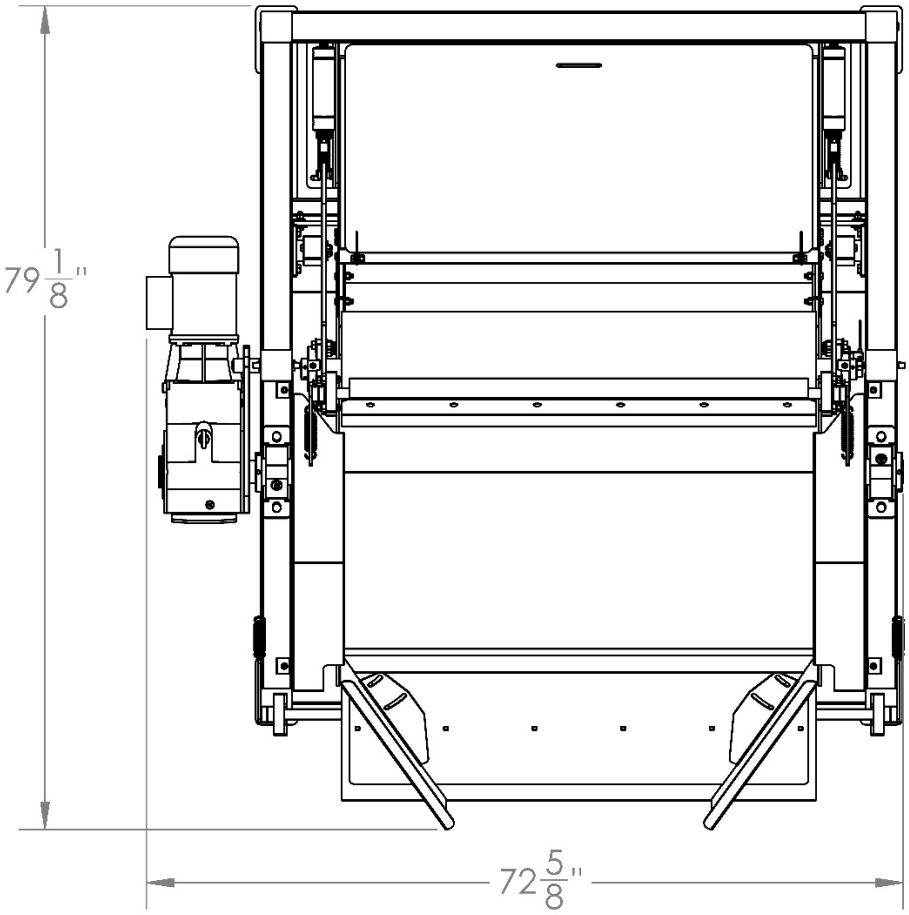

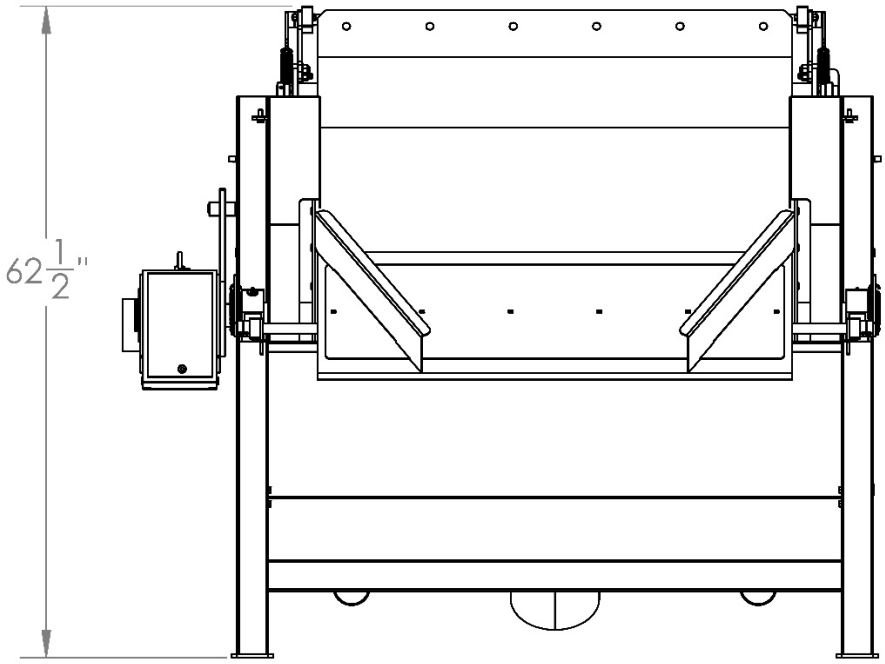

For Technical Support, to order Replacement Parts, or for questions about other products, please contact your local dealer.

DARITECH INC

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