DARITECH INC
Manure Management

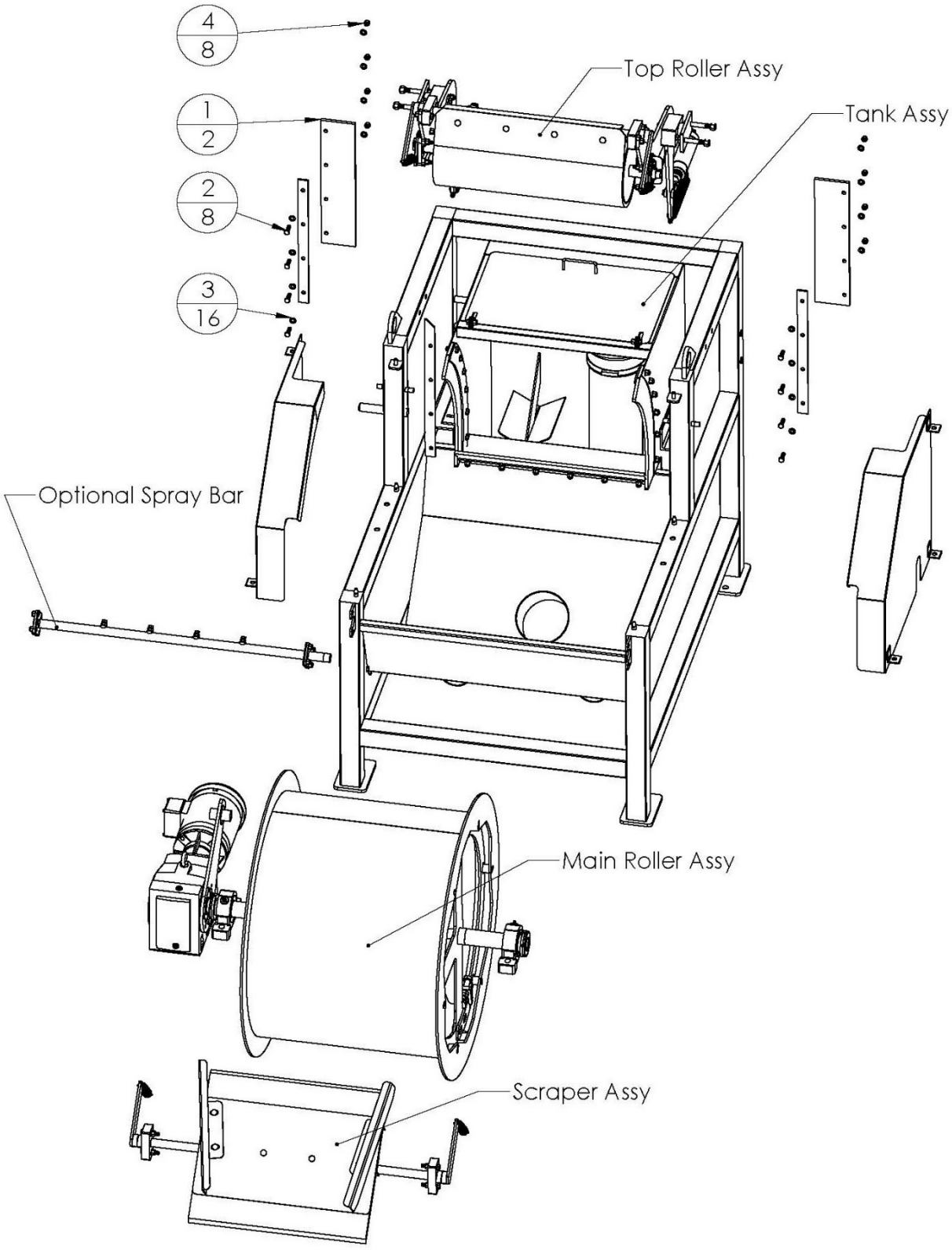
The DTX by DARITECH

Part Manual

For Model:

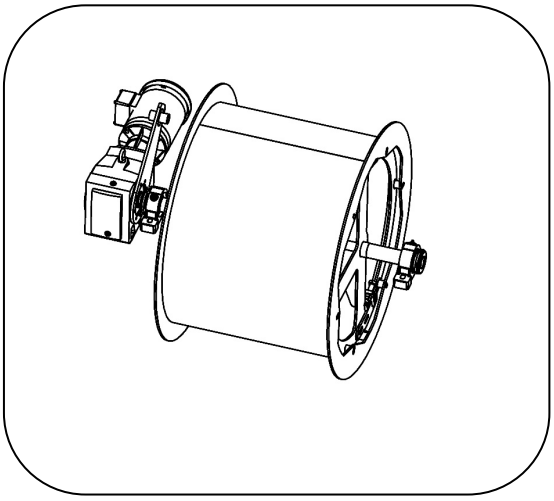
DTeXternal Separator 24”

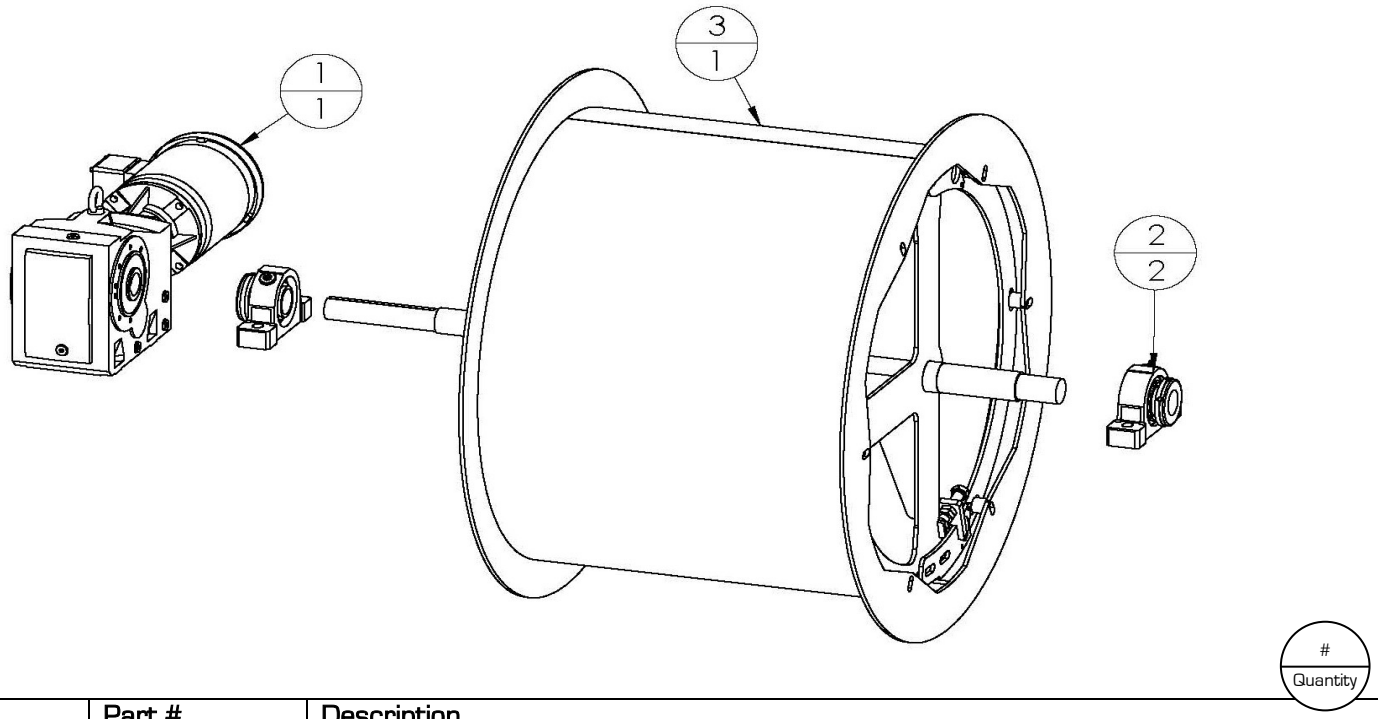
DTX 24" – Components



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

DTX 24" – Main Roller ASM

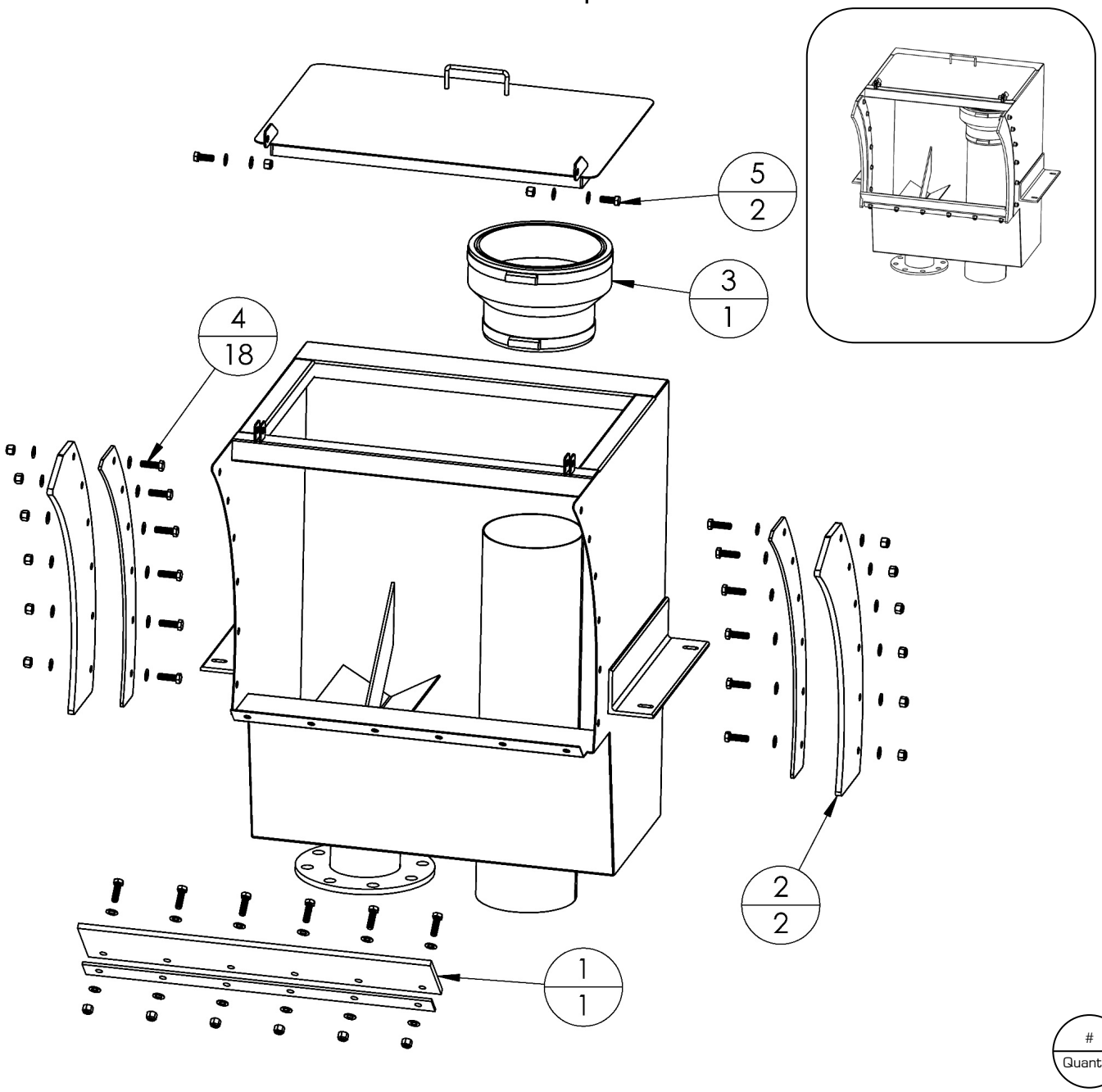




Label	Part #	Description
1	M326	Nord Gearbox – 1/2HP w/ Motor 3PH. 276.86:1 (DTX 24"/4RP 22")
	G548	Nord Motor1/2 HP 56C 3 PH 50/60
	None Assigned	Gearbox Only
2	F776	Dodge pillow block bearing 1-11/16" – 2-Bolt-P2B-S2-111R (DTX 24)
3	M512	DTX 24" Replaceable 1/16" Screen Shell Only
	N412	DTX 24" Replacement 1/8" Screen Shell Only
	J193	24" DTX Wedge Wire Complete Screen (bolt together/replaceable screen)
	A994	24" DTX Wedge Wire Complete Screen Only (bolt together/replaceable screen)
	N412	DTX 24" Replacement 1/8" Screen Shell Only
	V301	DTX 24" Perforated Complete Screen (bolt together/re-screenable)

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

DTX 24" - Tank Components



Label	Part #	Description
1	P321	DTX Rubber Bottom 23-1/2"
2	B402	24" DTX Side Rubber
3	P564	8" X 6" Fernco Coupling
4	M156	3/8" -16 SS Nylock Nut
	E143	3/8" SS Flat Washer (uses 36)
	L580	3/8" X 1-1/4" SS Hex Bolt
5	M156	3/8" -16 SS Nylock Nut
	E143	3/8" SS Flat Washer (uses 4)
	L580	3/8" X 1-1/4" SS Hex Bolt

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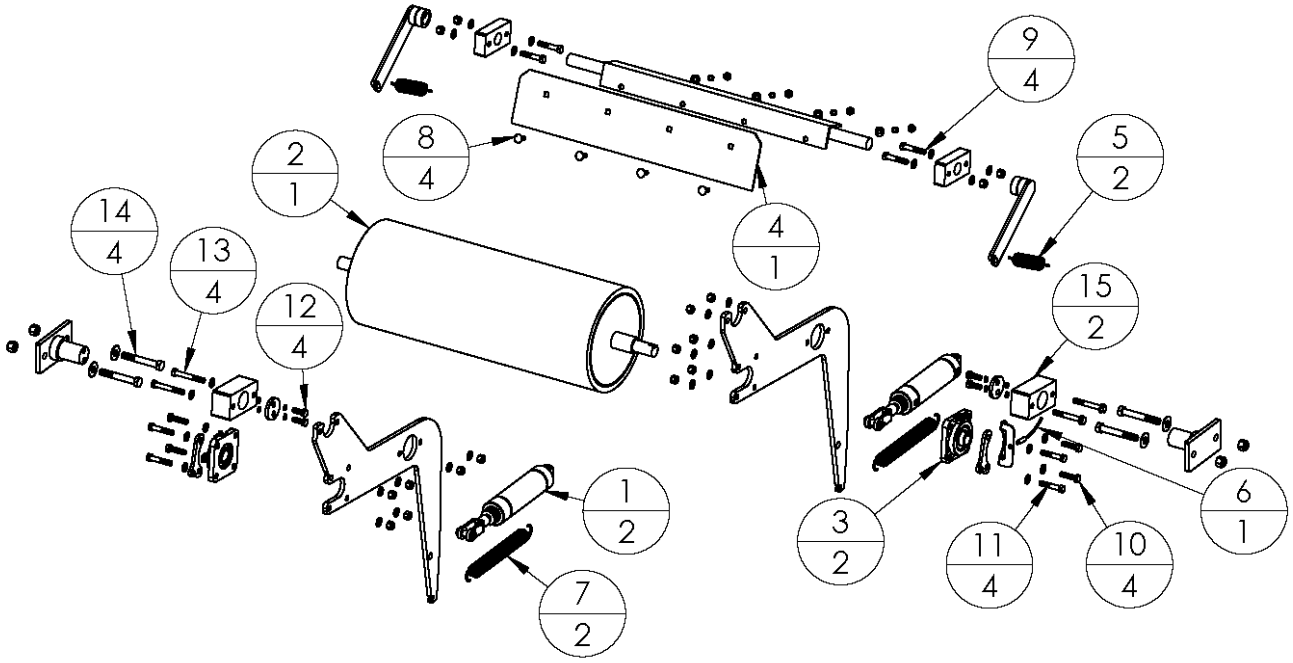
DTX 24” – Top Roller Assembly



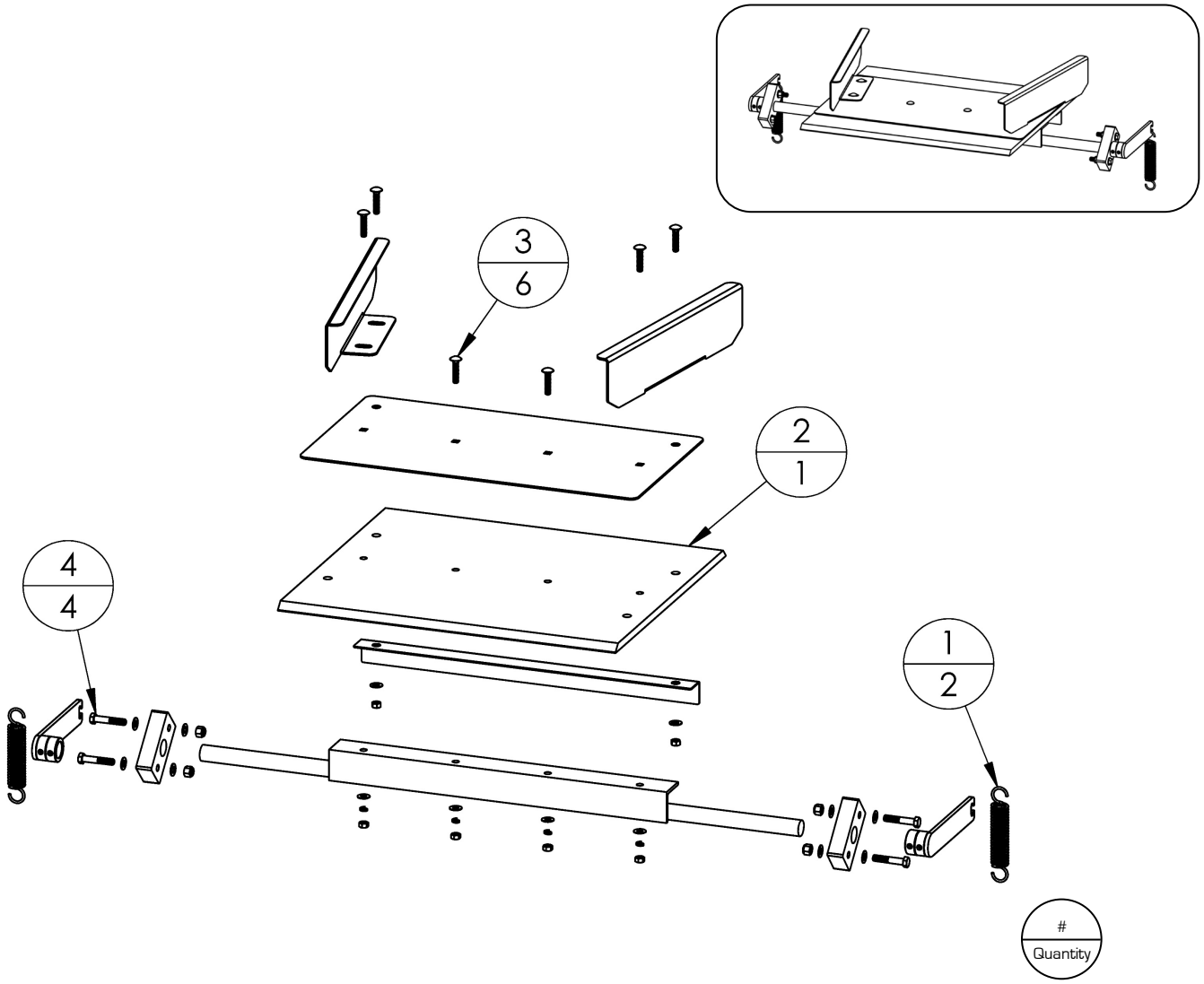
Quantity

Label	Part #	Description
	R656	24” DTX Top Scraper Assembly Complete w/ Arms & Springs
1	E304	2” X 4” Air Cylinder
2	G822	DTX - 24” Top Roller (Rubber)
3	N261	4-Bolt Flange Bearing 1” Bore, Double Set Screw (DTX 24)
4	C215	DTX Top Roller Scraper 23-1/2”
5	J637	1” X 5” SS Ext Spring 10.41 LB/IN
6	M548	DTX Top Roller Proximity Sensor
7	Z346	1” X 8” SS Ext Spring 22.78 LB/IN
8	V307	5/16” X 1-1/2” Zinc Carriage Bolt
	S581	5/16”-18 SS Nut
	T829	5/16” SS Lock Washer
	Q797	5/16” X 3/4" SS Flat Washer
9	K895	3/8”-16 x 2” SS Bolt
	E143	3/8” SS Flat Washer
	M156	3/8”-16 SS Nylock Nut
10	Z175	3/8”-16 x 1-1/2” SS Bolt
	E143	3/8” SS Flat Washer
	M156	3/8”-16 SS Nylock Nut

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

Label	Part #	Description
11	K895	3/8"-16 x 2" SS Hex Head Bolt
	E143	3/8" SS Flat Washer
	M156	3/8"-16 SS Nylock Nut
12	0443	3/8"-16 x 1" SS Hex Head Bolt
	G736	3/8" SS Lock Washer
13	M548	DTX Top Roller Proximity Sensor
	Z346	1" X 8" SS Ext Spring 22.78 LB/IN
	M156	3/8"-16 SS Nylock Nut
14	T385	½"-13 x 3-1/2" SS Hex Head Bolt
	U124	½" SS Flat Washer
	F567	½"-13 SS Nylock Nut
15	L168	Plastic Roller Block, UHMW

DTX 24" – Scraper Assembly



Label	Part #	Description
	M724	24" DTX Bottom Scraper Assembly Complete w/ Arms & Springs
1	Q211	1" X 5" SS Ext Spring 10.41 LB/IN
2	N246	DTX 24" UHMW Screen Scraper
3	Q541	5/16" -18 X 1-1/2" Carriage Bolt
	S581	5/16"–18 SS Hex Nut
	J470	5/16" SS Lock Washer
	Q797	5/16" SS Flat Washer
4	K895	3/8"–16 x 2" SS Hex Head Bolt
	E143	3/8" SS Flat Washer
	M156	3/8"-16 SS Nylock Nut

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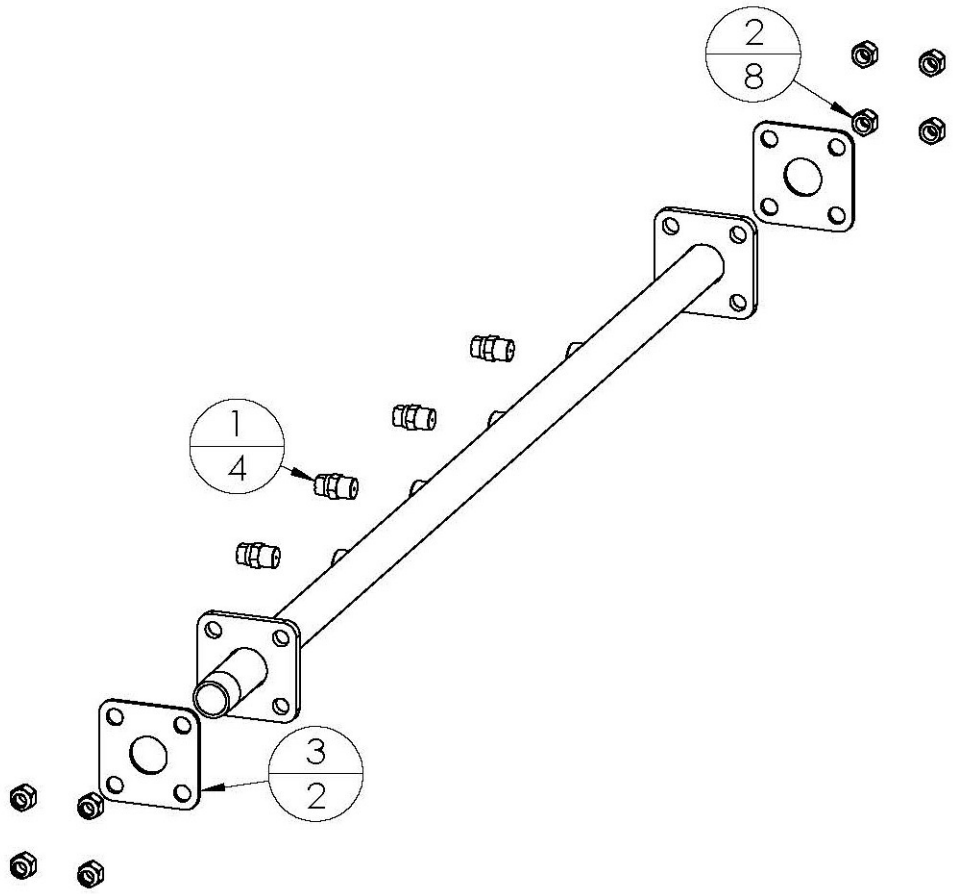
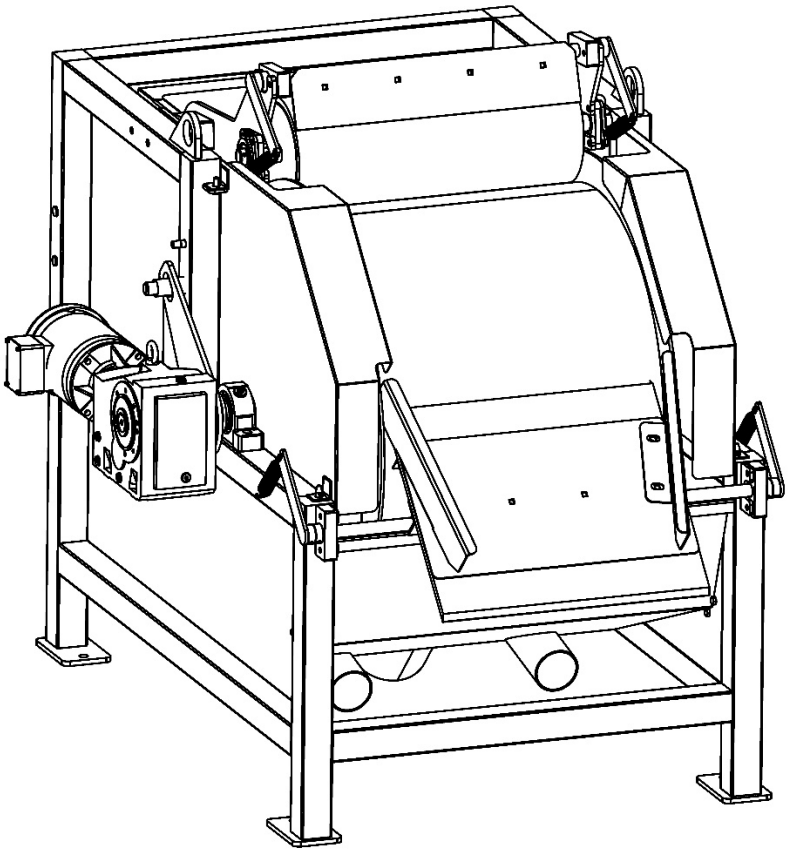
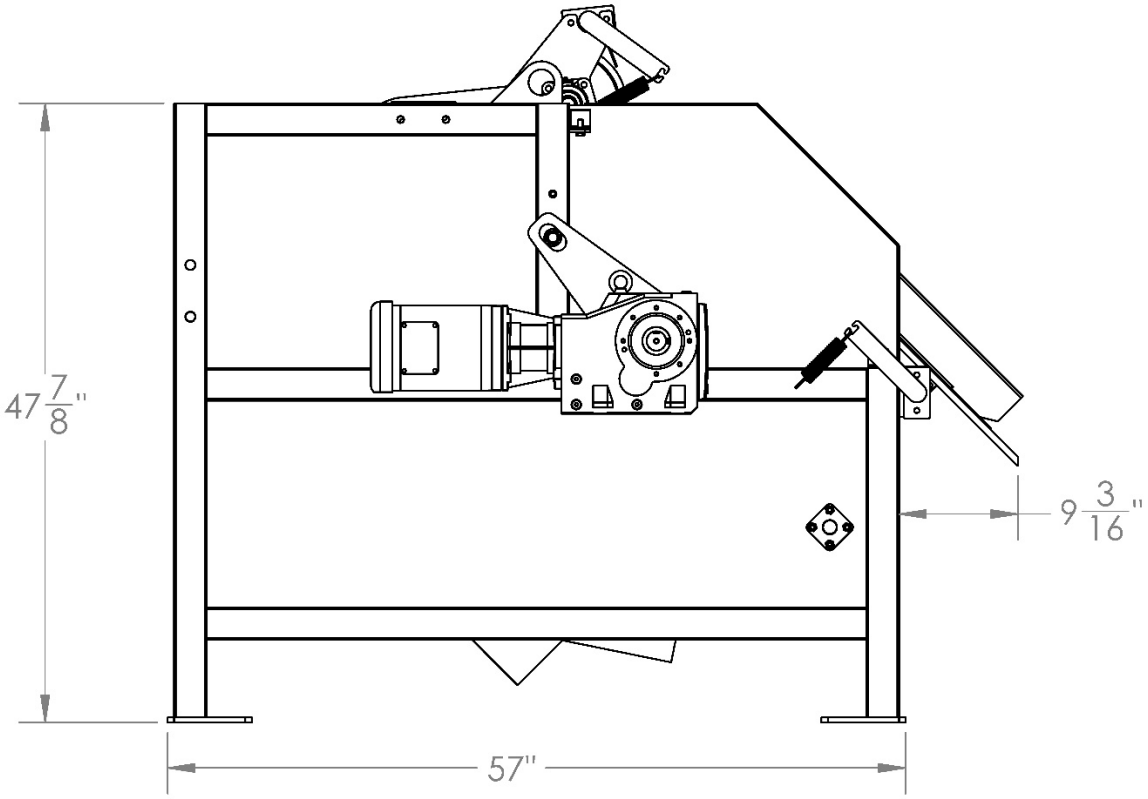
DTX 24" – Optional Spray Bar



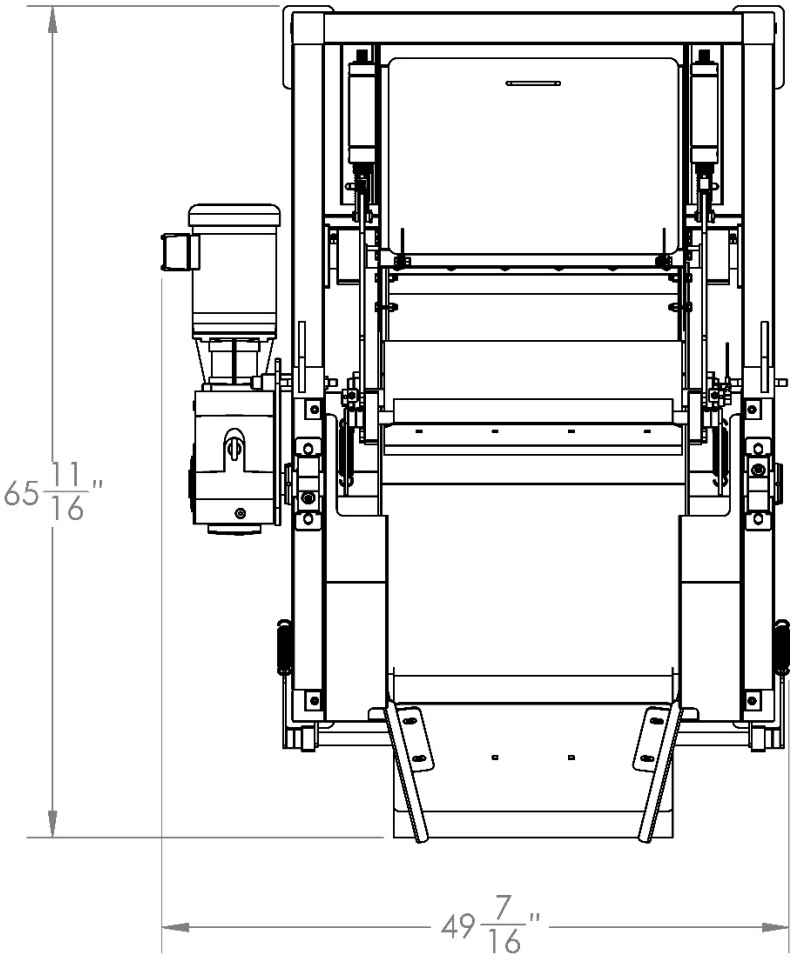
Label	Part#	Description
1	R455	DT360 1/4" SS Spray Nozzle 9510
2	K129	Spray Bar Gasket 1/8" Black Neoprene – DIE M303NEI
3	M156	3/8" -16 SS Nylock Nuts

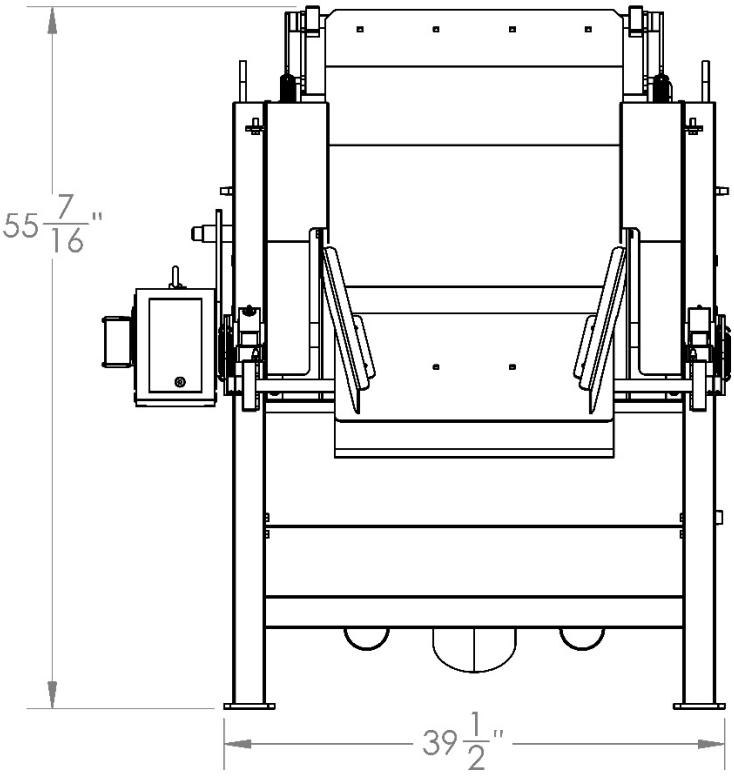
DTX 24” – Overall Dimensions





DTX 24” – 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