



MUNICIPAL SNOW & ICE CONTROL EQUIPMENT



DUKES A&W - DISTRIBUTOR/DEALER/INSTALLER
502-961-0903 www.DUKESAW.com



Our History

1946
Buyers Products Company founded by Sam Ruven and Bessie Kleinman as a distributor of driveline components.



Buyers continued to grow its product offerings and build valued relationships with customers and suppliers. Increased demand for products led to the pursuit of supply chain manufacturing solutions.



1992
Buyers acquired Trailer Components Manufacturing (Tracom) for CNC precision machining and tooling, as well as state-of-the-art welding.



1995
Buyers acquired Progressive Powder Coating. Our Nordson automatic powder application booth is used to powder coat our Buyers toolboxes and other truck and trailer accessories.



2002
Buyers moved its corporate headquarters to a brand new 235,000 sq. ft. state-of-the-art office and distribution center.



2004
Buyers acquired Romotech in New Paris, Indiana. Our Farry Industries Rotospeed molding machines are used to manufacture our poly salt spreaders.



2007
Buyers began manufacturing the SnowDogg stainless steel snowplow at our Mentor, Ohio facility.



2009
Buyers began our operations at Boomerang Rubber in Botkins, Ohio manufacturing mudflaps, wheel chocks and other rubber truck and trailer accessories.



2013
Buyers acquired an additional 500,000 sq. ft. manufacturing facility in Mentor, Ohio allowing for expansion of our aluminum and stainless steel manufacturing.



2016
Buyers establishes a 22,000 sq ft Engineering Tech Center in Mentor, Ohio. It's multi-use lab, design, training and prototyping space is dedicated to the research and development of innovative product.

**ALL YOUR WORK
NOW DONE
ALL THE TIME.**

2017
Buyers launches new website with business partner portal, to make online ordering and account maintenance easy for customers.

Our Corporate Family of Companies



Founded in 1946, Buyers Products is a fully integrated manufacturer and a leader in the truck equipment industry. Our engineering, manufacturing and assembly operations take place in the USA, under the Buyers family of companies. **Buyers Products' mission is to improve our Customers' profitability and productivity while enhancing the quality of our products and services.**



Spreader Specs Table.....	Page 4
Municipal Plow Specs Table.....	Page 5
36" Full Trip Plow.....	Page 6-7
42" Full Trip Plow.....	Page 8-9
36" Trip Edge Plow.....	Page 10-11
42" Trip Edge Plow.....	Page 12-13
CM Plow Series.....	Page 14-15
Hitches and Options.....	Page 16-17
Municipal Dump Spreaders.....	Page 18-19
Municipal Spreaders (Electric/Hydraulic).....	Page 20-23
Under/Replacement Tailgate Spreaders.....	Page 24-25
Anti-Ice Systems.....	Page 26-27
Pre-Wet Systems.....	Page 28-30
Accessories.....	Page 31
Central Hydraulic Systems.....	Page 32-35

NEW PRODUCTS:

STANDARD GAS / HYDRAULIC / ELECTRIC ANTI-ICE
210 - 1,750+ gallon systems
pg. 26-27



MUNICIPAL STYLE CM SERIES
31" tall, stainless steel moldboard
pg. 15-16



MUNICIPAL DUMP SPREADERS
New custom options on MDS
Now available in chain or dual auger
pg. 18-19



MUNICIPAL PLOW SPECS

PLOW WIDTH	PLOW HEIGHT	SKIN MATERIAL	TRIP STYLE	SKIN THICKNESS GAUGE	RIB QUANTITY	RIB SIZE	CUTTING EDGE	CUTTING EDGE WIDTH AT 35°	ANGLE CYLINDERS	KINGPIN SIZE	PUSH FRAME WIDTH	SPRINGS	WEIGHT
36" FULL TRIP SERIES PLOWS PG. 6-7													
9'	36"	Carbon Steel	Full	10	6	1/2" x 3"	1/2" x 6"	7'5"	3" x 10" SA	1-1/2"	90"	2 Compression	1,299 lb
10'	36"	Carbon Steel	Full	10	6	1/2" x 3"	1/2" x 6"	8'2"	3" x 10" SA	1-1/2"	90"	2 Compression	1,350 lb
11'	36"	Carbon Steel	Full	10	6	1/2" x 3"	1/2" x 6"	9'	3" x 10" SA	1-1/2"	90"	2 Compression	1,401 lb
9'	36"	304 Stainless	Full	10	6	1/2" x 3"	1/2" x 6"	7'5"	3" x 10" SA	1-1/2"	90"	2 Compression	1,304 lb
10'	36"	304 Stainless	Full	10	6	1/2" x 3"	1/2" x 6"	8'2"	3" x 10" SA	1-1/2"	90"	2 Compression	1,355 lb
11'	36"	304 Stainless	Full	10	6	1/2" x 3"	1/2" x 6"	9'	3" x 10" SA	1-1/2"	90"	2 Compression	1,407 lb
42" FULL TRIP SERIES PLOWS PG. 8-9													
10'	42"	Carbon Steel	Full	7	8	1/2" x 3-1/2"	5/8" x 8"	8'2"	3" X 10" DA ¹	2"	120"	2 Compression	2,044 lb
11'	42"	Carbon Steel	Full	7	8	1/2" x 3-1/2"	5/8" x 8"	9'	3" X 10" DA ¹	2"	132"	2 Compression	2,140 lb
12'	42"	Carbon Steel	Full	7	8	1/2" x 3-1/2"	5/8" x 8"	9'10"	3" X 10" DA ¹	2"	144"	2 Compression	2,235 lb
10'	42"	304 Stainless	Full	10	8	1/2" x 3-1/2"	5/8" x 8"	8'2"	3" X 10" DA ¹	2"	120"	2 Compression	1,955 lb
11'	42"	304 Stainless	Full	10	8	1/2" x 3-1/2"	5/8" x 8"	9'	3" X 10" DA ¹	2"	132"	2 Compression	2,042 lb
12'	42"	304 Stainless	Full	10	8	1/2" x 3-1/2"	5/8" x 8"	9'10"	3" X 10" DA ¹	2"	144"	2 Compression	2,129 lb
36" FULL TRIP SERIES PLOWS PG. 10-11													
9'	36"	Carbon Steel	Edge	10	6	1/2" x 3"	5/8" x 8"	7'5"	3" x 10" SA	1-1/2"	90"	4 Torsion	1,642 lb
10'	36"	Carbon Steel	Edge	10	6	1/2" x 3"	5/8" x 8"	8'2"	3" x 10" SA	1-1/2"	90"	4 Torsion	1,712 lb
11'	36"	Carbon Steel	Edge	10	6	1/2" x 3"	5/8" x 8"	9'	3" x 10" SA	1-1/2"	90"	4 Torsion	1,783 lb
42" FULL TRIP SERIES PLOWS PG. 12-13													
10'	42"	Carbon Steel	Edge	7	8	1/2" x 3-1/2"	5/8" x 8"	8'2"	3" X 10" DA ¹	2"	120"	5 Torsion	2,460 lb
11'	42"	Carbon Steel	Edge	7	8	1/2" x 3-1/2"	5/8" x 8"	9'	3" X 10" DA ¹	2"	132"	5 Torsion	2,572 lb
12'	42"	Carbon Steel	Edge	7	8	1/2" x 3-1/2"	5/8" x 8"	9'10"	3" X 10" DA ¹	2"	144"	5 Torsion	2,684 lb
10'	42"	304 Stainless	Edge	10	8	1/2" x 3-1/2"	5/8" x 8"	8'2"	3" X 10" DA ¹	2"	120"	5 Torsion	2,387 lb
11'	42"	304 Stainless	Edge	10	8	1/2" x 3-1/2"	5/8" x 8"	9'	3" X 10" DA ¹	2"	132"	5 Torsion	2,491 lb
12'	42"	304 Stainless	Edge	10	8	1/2" x 3-1/2"	5/8" x 8"	9'10"	3" X 10" DA ¹	2"	144"	5 Torsion	2,596 lb
CM SERIES PLOWS PG. 14-15													
9'	31"	304 Stainless	Full	12	12 ²	1/4" x 4" x 2 1/4"	5/8" x 6"	7'10"	2" x 12" SA	1-1/8"	49"	6 Extension	987 lb
10'	31"	304 Stainless	Full	12	12 ²	1/4" x 4" x 2 1/4"	5/8" x 6"	8'8"	2" x 12" SA	1-1/8"	49"	6 Extension	1,032 lb
11'	31"	304 Stainless	Full	12	12 ²	1/4" x 4" x 2 1/4"	5/8" x 6"	9'6"	2" x 12" SA	1-1/8"	49"	6 Extension	1,070 lb

¹ 3" X 10" Double Acting Cylinders Standard, Optional 4" X 10" Double Acting Cylinders Available ² 2 Are Diagonal

TUFF-KOTE™
EXTENDS THE LIFE OF YOUR PLOW

The Process
Sandblasted
to remove all impurities and contaminants
Eight-step Acid Pickle Wash
to remove any laser-scale or other oxides
Primed
to seal and fill inconsistencies
Durable Polyester Powdercoat
is applied to protect your plow from the elements for years to come

**ASTM Standard (B-117) Tested*

MUNICIPAL SPREADER SPECS

PART NUMBER	CAPACITY	HEIGHT	WIDTH	LENGTH OVERALL	HOPPER LENGTH	FEED MECHANISM
6 - 20 CU. YD. HYDRAULIC MUNICIPAL SPREADERS PG. 20						
1450657SSH	6 cu. yds.	57"	82"	132"	108"	24" Wide Conveyor, 50:1 Gearbox ratio
1425657SSH	6 cu. yds.	57"	82"	132"	108"	24" Wide Conveyor, 25:1 Gearbox ratio
1406657SSH	6 cu. yds.	57"	82"	132"	108"	24" Wide Conveyor, 6:1 Gearbox ratio
1450757SSH	7 cu. yds.	57"	82"	144"	120"	24" Wide Conveyor, 50:1 Gearbox ratio
1425757SSH	7 cu. yds.	57"	82"	144"	120"	24" Wide Conveyor, 25:1 Gearbox ratio
1406757SSH	7 cu. yds.	57"	82"	144"	120"	24" Wide Conveyor, 6:1 Gearbox ratio
1450863SSH	8 cu. yds.	63"	82"	144"	120"	24" Wide Conveyor, 50:1 Gearbox ratio
1425863SSH	8 cu. yds.	63"	82"	144"	120"	24" Wide Conveyor, 25:1 Gearbox ratio
1406863SSH	8 cu. yds.	63"	82"	144"	120"	24" Wide Conveyor, 6:1 Gearbox ratio
1450969SSH	9 cu. yds.	69"	82"	144"	120"	24" Wide Conveyor, 50:1 Gearbox ratio
1425969SSH	9 cu. yds.	69"	82"	144"	120"	24" Wide Conveyor, 25:1 Gearbox ratio
1406969SSH	9 cu. yds.	69"	82"	144"	120"	24" Wide Conveyor, 6:1 Gearbox ratio
1451057SSH	10 cu. yds.	57"	82"	168"	144"	24" Wide Conveyor, 50:1 Gearbox ratio
1421057SSH	10 cu. yds.	57"	82"	168"	144"	24" Wide Conveyor, 25:1 Gearbox ratio
1461057SSH	10 cu. yds.	57"	82"	168"	144"	24" Wide Conveyor, 6:1 Gearbox ratio
1451163SSH	11 cu. yds.	63"	82"	168"	144"	24" Wide Conveyor, 50:1 Gearbox ratio
1421163SSH	11 cu. yds.	63"	82"	168"	144"	24" Wide Conveyor, 25:1 Gearbox ratio
1461163SSH	11 cu. yds.	63"	82"	168"	144"	24" Wide Conveyor, 6:1 Gearbox ratio
1451369SSH	13 cu. yds.	69"	82"	168"	144"	24" Wide Conveyor, 50:1 Gearbox ratio
1421369SSH	13 cu. yds.	69"	82"	168"	144"	24" Wide Conveyor, 25:1 Gearbox ratio
1461369SSH	13 cu. yds.	69"	82"	168"	144"	24" Wide Conveyor, 6:1 Gearbox ratio
1451257SSH	12 cu. yds.	57"	82"	192"	168"	24" Wide Conveyor, 50:1 Gearbox ratio
1421257SSH	12 cu. yds.	57"	82"	192"	168"	24" Wide Conveyor, 25:1 Gearbox ratio
1461257SSH	12 cu. yds.	57"	82"	192"	168"	24" Wide Conveyor, 6:1 Gearbox ratio
1451363SSH	13 cu. yds.	63"	82"	192"	168"	24" Wide Conveyor, 50:1 Gearbox ratio
1421363SSH	13 cu. yds.	63"	82"	192"	168"	24" Wide Conveyor, 25:1 Gearbox ratio
1461363SSH	13 cu. yds.	63"	82"	192"	168"	24" Wide Conveyor, 6:1 Gearbox ratio
1451469SSH	14 cu. yds.	69"	82"	192"	168"	24" Wide Conveyor, 50:1 Gearbox ratio
1421469SSH	14 cu. yds.	69"	82"	192"	168"	24" Wide Conveyor, 25:1 Gearbox ratio
1461469SSH	14 cu. yds.	69"	82"	192"	168"	24" Wide Conveyor, 6:1 Gearbox ratio
<i>For spreaders above 14 cubic yards contact customer services.</i>						
7 - 14 CU. YD. HYDRAULIC AUGER SPREADERS PG. 21						
1471056SSH	7 cu. yds.	55.25"	87.7"	82"	120"	7" Hard Surface, Multi Pitch Auger
1471156SSH	8 cu. yds.	55.25"	87.7"	82"	132"	7" Hard Surface, Multi Pitch Auger
1471256SSH	9 cu. yds.	55.25"	87.7"	82"	144"	7" Hard Surface, Multi Pitch Auger
1471456SSH	10 cu. yds.	55.25"	87.7"	82"	168"	7" Hard Surface, Multi Pitch Auger
7 - 9 CU. YD. ELECTRIC MUNICIPAL SPREADERS PG. 22						
1490757SSE	7 cu. yds.	50"	82"	144"	120"	24" Wide Conveyor with 1/4" Bars
1490957SSE	9 cu. yds.	50"	82"	168"	144"	24" Wide Conveyor with 1/4" Bars

PART NUMBER	CAPACITY	SIDE	WIDTH	LENGTH OVERALL	HOPPER LENGTH	FEED MECHANISM
MUNICIPAL DUMP SPREADERS PG. 18-19						
933093648	6.4 cu. yds.	36"	96"	111"	108"	30.25" Wide Conveyor with 1/2" Bars
933103648	7.2 cu. yds.	36"	96"	123"	120"	30.25" Wide Conveyor with 1/2" Bars
933113648	8.0 cu. yds.	36"	96"	135"	132"	30.25" Wide Conveyor with 1/2" Bars
933123648	8.8 cu. yds.	36"	96"	147"	144"	30.25" Wide Conveyor with 1/2" Bars
933133648	9.6 cu. yds.	36"	96"	159"	156"	30.25" Wide Conveyor with 1/2" Bars
933143648	10.4 cu. yds.	36"	96"	170"	168"	30.25" Wide Conveyor with 1/2" Bars
933153648	11.2 cu. yds.	36"	96"	182"	180"	30.25" Wide Conveyor with 1/2" Bars
934093648	6.4 cu. yds.	36"	96"	111"	108"	7" Dual Auger Drive
934103648	7.2 cu. yds.	36"	96"	123"	120"	7" Dual Auger Drive
934113648	8.0 cu. yds.	36"	96"	135"	132"	7" Dual Auger Drive
934123648	8.8 cu. yds.	36"	96"	147"	144"	7" Dual Auger Drive
934133648	9.6 cu. yds.	36"	96"	159"	156"	7" Dual Auger Drive
934143648	10.4 cu. yds.	36"	96"	170"	168"	7" Dual Auger Drive
934153648	11.2 cu. yds.	36"	96"	182"	180"	7" Dual Auger Drive
UNDER TAILGATE SPREADERS PG. 24-25						
92440SSA	N/A	31.25'/34.25"	96"	25"	stnd	6" Auger w/3/8" flighting, Electric
92441SSA	N/A	31.25'/34.25"	96"	25"	center	6" Auger w/3/8" flighting, Electric
92420A	N/A	31.25'/34.25"	96"	18"	stnd	6" Auger w/3/8" flighting, Hydraulic
92420SSA	N/A	31.25'/34.25"	96"	18"	stnd	6" Auger w/3/8" flighting, Hydraulic
92421SSA	N/A	38.00'/41.00'	96"	19"	stnd	6" Auger w/3/8" flighting, Hydraulic
92422SSA	N/A	38' 41"	96"	19"	ds	6" Auger w/3/8" hard faced flighting, Hydraulic
92425SSA	N/A	31.25'/34.25"	96"	18"	ds	6" Auger w/3/8" flighting, Hydraulic
92426SSA	N/A	38' 41"	96"	19"	ds	6" Auger w/3/8" flighting, Hydraulic
92427SSA	N/A	38' 41"	96"	19"	ds	6" Auger w/3/8" hard faced flighting, Hydraulic
92428SSA	N/A	31.25'/34.25"	96"	18"	stnd	6" Auger w/3/8" flighting, Hydraulic
92430A	N/A	31.25'/34.25"	96"	18"	stnd	6" Auger w/3/8" flighting, 5:1 Gearbox ratio, Hydraulic
92430SSA	N/A	31.25'/34.25"	96"	18"	stnd	6" Auger w/3/8" flighting, 5:1 Gearbox ratio, Hydraulic
92450SSA	N/A	33.6'/36"	96"	19"	ds or ps	9" Auger w/3/8" flighting, Hydraulic
REPLACEMENT TAILGATE SPREADERS PG. 36						
9035100	N/A	37.2-40.2	84.25-90.25	N/A	center	6" Auger w/3/8" flighting, Electric
9035101	N/A	37.2-40.2	84.25-90.25	N/A	ds	6" Auger w/3/8" flighting, Electric
9035102	N/A	35.5-38.5	84.25-90.25	N/A	center	6" Auger w/3/8" flighting, Hydraulic
9035103	N/A	35.5-38.5	84.25-90.25	N/A	ds	6" Auger w/3/8" flighting, Hydraulic

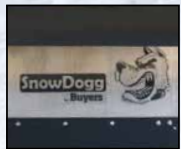
36" FULL TRIP SERIES PLOWS

Available in 9', 10', and 11' Widths



Assembly shown with 10" caster (16360500) and deflector (16360200)
Opposite shown with deflector (16360200) and blade guides (16360110)
Sold Separately

MATERIAL OPTIONS



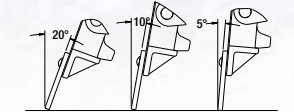
304 Stainless Steel 10 Ga with Black Powder-Coated Rear



Carbon Steel 7 Ga with Orange TUFF-KOTE™

ADJUSTABLE ATTACK ANGLES

3-position attack angle from 5° to 20°.



Actual Angles May Vary Depending on Hitch Mounting Height



STANDARD FEATURES

Full Trip Moldboard with 2 Adjustable, Compression-Style External Trip Springs

Protects your equipment from damage due to hidden obstacles.

Drop Pin or Swivel Plate Attachment

For versatile hitching options.

Standard 3" Single Acting Angle Cylinders

Allows for heavy duty power reversing.



Built in top channel with drain feature



Reinforced 3-1/2" x 3-1/2" x 1/2" bottom angle with 1/2" reinforcement gussets every 12"



4 Moldboard-to-push frame pivot points have 1-1/4" plated pins through 1/2" ribs with 1-1/8" long bushings



Heavy-duty anchor plates are continuously welded to the push frame providing greater strength



Full moldboard trip with two adjustable external compression springs



Twin 3" single acting chrome plated hydraulic cylinders for heavy duty power reversing.



80" Semi-circle has 3-1/2" x 3-1/2" x 1/2" angle, welded to the 3-1/2" x 3-1/2" x 5/16" structural push tube 90° wide



3-1/2" Steel channel A-frame supports a 1-1/2" plated king pin mounted in a 2-1/4" OD x 3/8" wall DOM tube with grease fitting



Cushion valve with 1/2" ports protects cylinders from impact loads. Preset at 2000 PSI, adj. from 1500-3000 PSI

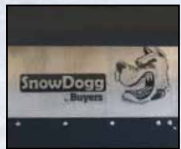
42" FULL TRIP SERIES PLOWS

Available in 10', 11', and 12' Widths



Assembly shown with 3" running gear with 10-5/8" cast shoe (16360300) and deflector (16360200)
Opposite shown with deflector (16360200) and blade guides (16360100)
Sold Separately

MATERIAL OPTIONS



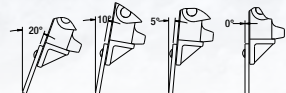
304 Stainless Steel 10 Ga with Black Powder-Coated Rear



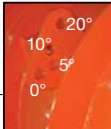
Carbon Steel 7 Ga with Orange TUFF-KOTE™

ADJUSTABLE ATTACK ANGLES

4-position attack angle adjustable trip from 0° to 20°



Actual Angles May Vary Depending on Hitch Mounting Height



STANDARD FEATURES

Full Trip Moldboard with 2 Adjustable, Compression-Style External Trip Springs

Protects your equipment from damage due to hidden obstacles.

Drop Pin or Swivel Plate Attachment

For versatile hitching options.

3" or 4" Double Acting Cylinders

Allows for heavy duty power reversing.



3-1/2" x 2-1/2" x 3/8" Structural top angle with drain feature



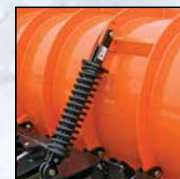
4" x 4" x 3/4" Bottom angle with 1/2" reinforcement gussets every 12"



8 Moldboard-to-push frame pivot points have 1-1/4" plated pins through 1/2" ribs bolstered with second 1/2" plate, bushed to 1-3/8"



Anchor plates are encased and continuously welded to the push frame providing greater strength



Full moldboard trip with two adjustable external compression springs



Twin 3" double acting chrome plated hydraulic cylinders for heavy duty power reversing.



80" Semi-circle has 3-1/2" x 3-1/2" x 1/2" angle, welded to the 4" x 4" x 3/8" structural full length push tube



4" HD car and ship channel A-frame supports a 2" plated king pin mounted in a 3" OD x 1/2" wall DOM tube with grease fitting



Cushion valve with 1/2" ports protects cylinders from impact loads. Preset at 2000 PSI, adj. from 1500 - 3000 PSI

36" TRIP EDGE SERIES PLOWS

Available in 9', 10', and 11' Widths



Assembly shown with 10" caster (16360500) and deflector (16360200)
Opposite shown with deflector (16360200) and blade guides (16360110)
Sold Separately

MATERIAL OPTIONS



Carbon Steel 7 Ga with Orange TUFF-KOTE™

STANDARD FEATURES

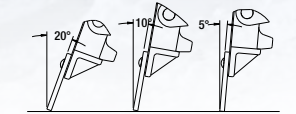
Four Adjustable Torsion Springs and Trip Edge
For responsive trip design to protect equipment from hidden obstacles.

Drop Pin or Swivel Plate Attachment
For versatile hitching options.

3" Single Acting Angle Cylinders
Allows for heavy duty power reversing.

ADJUSTABLE ATTACK ANGLES

3-position attack angle from 5° to 20°.



Actual Angles May Vary Depending on Hitch Mounting Height



Built in top channel with drain feature



3-1/2" x 3-1/2" x 1/2" cutting edge angle and 3-1/2" X 2-1/2" X 1/2" rear angle with edge guard



4 Moldboard-to-push frame pivot points have 1-1/4" plated pins through 1/2" ribs with 1/2" bolster plate, bushed to 1-3/8"



Four adjustable torsion springs



80" Semi-circle has 3-1/2" x 3-1/2" x 1/2" angle, welded to the 3-1/2" x 3-1/2" x 5/16" structural push tube 90" wide



Heavy-duty anchor plates are continuously welded to the push frame providing greater strength



Twin 3" single acting chrome plated hydraulic cylinders for heavy duty power reversing.



3-1/2" Steel channel A-frame supports a 1-1/2" plated king pin mounted in a 2-1/4" OD x 3/8" wall DOM tube with grease fitting



Cushion valve with 1/2" ports protects cylinders from impact loads. Preset at 2000 PSI, adjustable from 1500 - 3000 PSI

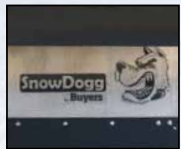
42" TRIP EDGE SERIES PLOWS

Available in 10', 11', and 12' Widths



Assembly shown with 3" running gear with 10-5/8" cast shoe (16360300)
Opposite shown with deflector (16360200) and blade guides (16360100)
Sold Separately

MATERIAL OPTIONS



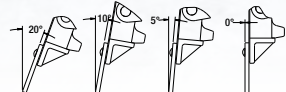
304 Stainless Steel 10 Ga with Black Powder-Coated Rear



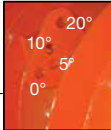
Carbon Steel 7 Ga with Orange TUFF-KOTE™

ADJUSTABLE ATTACK ANGLES

4-position attack angle adjustable trip from 0° to 20°



Actual Angles May Vary Depending on Hitch Mounting Height



STANDARD FEATURES

Four Adjustable Torsion Springs and Trip Edge

For responsive trip design to protect equipment from hidden obstacles.

Drop Pin or Swivel Plate Attachment

For versatile hitching options.

3" or 4" Double Acting Cylinders

Allows for heavy duty power reversing.



3-1/2" x 2-1/2" x 3/8" structural top angle with drain feature



4" x 4" x 3/4" cutting edge angle and 3" x 4" x 1/2" rear angle with edge guard



8 Moldboard-to-push frame pivot points have 1-1/4" plated pins through 1/2" ribs bolstered with second 1/2" plate bushed to 1-3/8" thick



Anchor plates are encased and continuously welded to the push frame providing greater strength



Five adjustable torsion springs



Twin 3" double acting chrome plated hydraulic cylinders for heavy duty power reversing.



80" semi-circle has 3-1/2" x 3-1/2" x 1/2" angle, welded to the 4" x 4" x 3/8" structural full length push tube



4" HD car and ship channel A-frame supports a 2" plated king pin mounted in a 3" OD x 1/2" wall DOM tube with grease fitting



Cushion valve with 1/2" ports protects cylinders from impact loads. Preset at 2000 PSI, adjustable from 1500 - 3000 PSI

CM SERIES PLOWS

Available in 9', 10', and 11' Widths

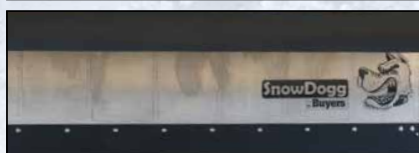


NEW Municipal Style



Commercial Style

MATERIALS



304 Stainless Steel 12 Ga



Massive Fabricated 4\"/>

STANDARD FEATURES

31\"/>

10 Vertical and 2 Diagonal Ribs
Stiffness to move heavy, wet snow.

6 Optimized Trip Springs
Reduced tripping for a clean scrape.

5/8\"/>

2\"/>

NEW MUNICIPAL STYLE MODELS

- Available in power and manual angle styles
- Swivel A-frame to reduce cutting edge wear and scrap clean
- Push frame and moldboard with swivel adapter to work with any 21\"/>

Includes:

- Heavy Duty Belted Rubber Snow
- Wire Reinforced Blade Guides
- Cast Plow Shoes

Lights and accessories sold separately

COMMERCIAL STYLE MODELS

- Ordered like commercial plow
- Complete fleet interchangeability and backwards compatibility with all other HD, EX, TE, CM, and XP Series plows (use the same mount)
- Available with central hydraulic-operated lift frame or self contained hydraulic power unit

Includes:

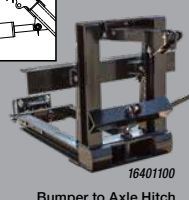
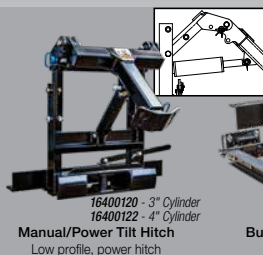
- Heavy Duty Belted Rubber Snow
- Wire Reinforced Blade Guides
- Cast Plow Shoes
- Adjustable / Removable Jack Stand
- Dual Beam Halogen Plow Lights
- Controller



HITCHES

- 3" or 4" Double acting cylinders
- Cylinder folds for quick, compact storage with pull-pin
- Telescoping lift arm ensures level plow lift

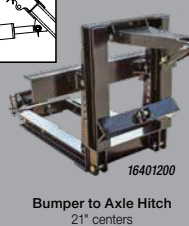
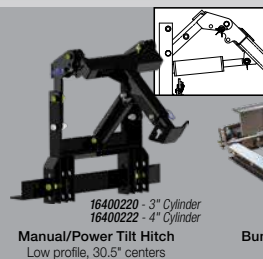
DROP PIN HITCH



Available A-Frame Styles



PIN EAR HITCH



Available A-Frame Styles



QUICK HITCH



Available A-Frame Styles



PENN DOT HITCH



HUSTING HITCH



FABRICATOR'S HITCH



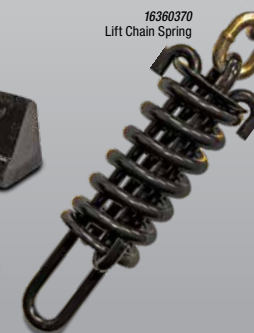
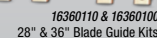
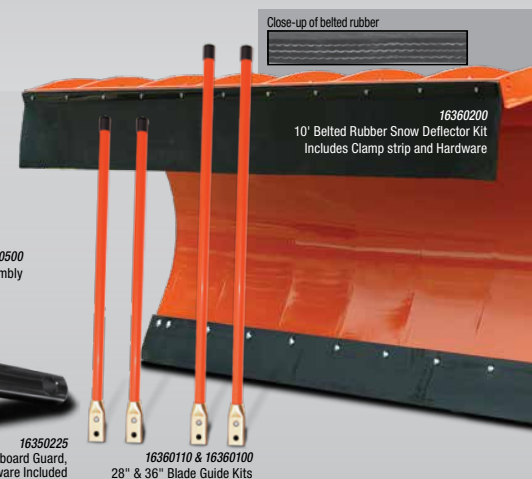
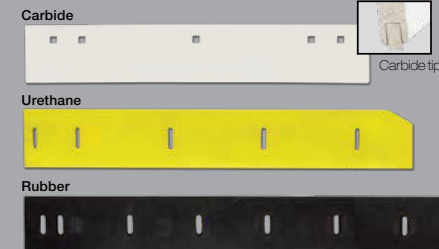
OPTIONS

Part numbers representative of item pictured. Many more options available.

PLOW LIGHTS



CUTTING EDGES



MUNICIPAL DUMP SPREADER (MDS)

Dual 7 Inch Auger or 30-1/2 Inch Conveyor Chain Feed



COMMON FEATURES

Capacity:	6.4 - 11.2 cubic yards /9 - 15 feet/ (see pg. 51)
Application:	Minimum 26,000 lb GVW
Spread Range:	2-40 feet
Feed Mechanism:	30-1/2 inch wide conveyor with 1/2 inch crossbars every link or dual 7 inch auger drive
Construction:	304 stainless steel body construction
Additional Features:	<ul style="list-style-type: none"> Removable conveyor cover plate Twin air cylinder tailgate latch LED DOT truck lights and rear strobes

HIGHLIGHTS



Unique, roll-formed sides and cross member-less design



"Hex flow" chute and 24 inch spinner with adjustable baffles for optimal spread pattern



Mailhot® multi-stage, double-acting, nitrided cylinder, trunnion-mounted hoist



Dual air tailgate cylinders standard

AVAILABLE OPTIONS



Cab shield with Built-In Tarp System

- Cab Shield: Half or Full Length with Optional Built in Tarp Housing
- Ladder
- Top Screens
- Electric Tarp

- Under Chain Floor Pan
- Anti-Ice
- Central Hydraulics
- Full Length Fenders
- Pre-Wet Systems: (LS11, LS11H, LS12, LS12H)



Ladder shown extended down



30.25" wide conveyor with 1/2" bars

OR



Dual 7" auger drive



LS11 (MDS Mount two, 160 gal.)



LS12 (Behind Cab Mount 120 gal.)

HYDRAULIC MUNICIPAL SPREADERS

24 Inch Pintle Chain Feed with 3/8 Inch Crossbars



145075SSH shown with optional lightbar (8891166) and pre-wet system (LS5)

COMMON FEATURES

Capacity: 6 - 20 cubic yards /9 - 15 feet/ see pg. 4
Application: Minimum 26,000 - 66,000 lb GVW
Spread Range: 2-40 feet
Feed Mechanism: 24 inch wide conveyor with 3/8 inch crossbars
Construction: 304 stainless steel hopper
Motor: Two independent direct-drive hydraulic motors
Additional Features: <ul style="list-style-type: none"> Adjustable feedgate Choice of three gear box ratios: 50:1, 25:1, 6:1 2 inch drive shaft and bearings with 8-tooth sprockets 1-1/2 inch spring loaded idler shaft and bearings with 8-tooth sprockets Quick release hinged chute (no tools needed) Hinged top screens, 3/8 inch bars on 2-1/2 inch openings Stainless steel inverted V 20 inch poly spinner disc

CUSTOM OPTIONS

- Stainless steel drag chain
- Belt over chain
- Speed sensing motors
- Hopper tailgate for bulk unloading
- Stainless steel top screens

HYDRAULIC MUNICIPAL SPREADERS

7 Inch Auger Feed



7" Hard Faced Auger



High Torque Auger Motor



2" Auger Bearing



Optional Rubber Side Deflectors Part No. 1492144



1471056SSH shown with optional rubber side deflectors

COMMON FEATURES

Capacity: 7 - 14 cubic yards /10 - 16 feet/ see pg. 4
Application: Minimum 33,000 lb GVW
Spread Range: 2-30 feet
Feed Mechanism: 7 inch diameter, variable-pitch hard faced auger
Construction: 304 stainless steel hopper
Motor: Two independent, direct-drive hydraulic motors
Additional Features: <ul style="list-style-type: none"> Adjustable height spinner chute 3/8 inch heavy-duty hinged top screens with 4 inch peak 18 inch poly spinner disc

CUSTOM OPTIONS

- Dual augers
- Tilt up spinner chute
- Stainless steel top screens
- Speed sensing motors
- Slurry tube

ELECTRIC MUNICIPAL SPREADERS

24 Inch Pintle Chain Feed with 1/4 Inch Crossbars



149075SSE shown with optional spreader stand, lightbar, and pre-wet system

COMMON FEATURES

Capacity:	7 - 9 cubic yards / 10 - 12 feet/ see pg. 4
Application:	Minimum 26,000 - 33,000 lb GVW
Spread Range:	2-40 feet
Feed Mechanism:	24 inch wide conveyor with 1/4 inch crossbars
Construction:	304 stainless steel hopper
Motor:	12V-powered electric drive with independent conveyor and spinner motors
Additional Features:	<ul style="list-style-type: none"> Quick release hinged chute Hinged top screens Stainless steel inverted V 20 inch poly spinner disc

CONTROLLER

- Variable speed controller
- Independent auger / conveyor and spinner control
 - Vibrator control



3016934

CUSTOM OPTIONS

- Stainless steel drag chain
- Belt over chain
- Stainless steel top screens
- Hopper tailgate for bulk unloading

MUNICIPAL SPREADER OPTIONS AND ACCESSORIES

Spreader Stands



PART NO.	DESCRIPTION
3025885	Spreader Stand, 10ft.-11ft., Black Power-Coated
3025886	Spreader Stand, 12ft.-13ft., Black Power-Coated
3025887	Spreader Stand, 14ft.-15ft., Black Power-Coated
3038267	Spreader Stand, 9ft., Galvanized
3027468	Spreader Stand, 10ft.-11ft., Galvanized
3027469	Spreader Stand, 12ft.-13ft., Galvanized
3027470	Spreader Stand, 14ft.-15ft., Galvanized
3038266	Spreader Stand, 9ft., Black Powder-Coated
3037102	Spreader Stand 10ft.-11ft., Stainless Steel
3037145	Spreader Stand, 8ft., Black Powder-Coated
3037146	Spreader Stand, 8ft., Galvanized
3037294	Spreader Stand, 9ft.-10ft., Black Powder-Coated
3037295	Spreader Stand, 9ft.-10ft., Galvanized

Dump Body Tailgate Lock Kits



- 3" Structural Steel Channel
- 1.25" Pins
- Black Powder Coat Finish or Stainless Steel

3008560

PART NO.	DESCRIPTION
3008560	Steel Dump Body Tailgate Lock Kit
3036588	Stainless Steel Dump Body Tailgate Lock Kit

Hydraulic Spreader Control Kit & Reservoir Enclosure



HV1030EPG



SMR30VESS

PART NO.	DESCRIPTION
HV1030EPG	Elec-Hyd Spreader Control Kit, 10 GPM Spinner / 30 GPM Auger-Conveyor
GPS1	Garmin™ GPS Unit with Converter
SMR30VESS	30 Gallon Stainless Steel Reservoir Valve Enclosure

Remote Grease Kit & Chain Lubricator Kit



3020624 (Remote Grease Kit)



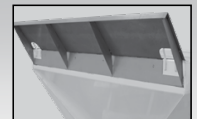
3020625 (Stainless Steel Chain Lubricator Kit)

PART NO.	DESCRIPTION
3020624	Remote Grease Kit, 3-Point
3020625	Chain Lubricator Kit, Stainless Steel

Spreader Full Size Ladder & Spill Shield



3022060



3022963

PART NO.	DESCRIPTION
3022060	Folding Stainless Steel Spreader Ladder, Full Size
3022963	12" Front Spill Shield/Cab Shield

Spreader Chute Accessories



3026067 (Lane Changing Chute)



3020626 (Crank)

PART NO.	DESCRIPTION
3020626	Crank Up Chute Kit
3026067	12V Powered Lane Changing Chute, In-Cab Controls with Gas Spring Flip-Up
3020704	16" Chute Extension, Stainless Steel for Taller Mounting Heights

Tie Down Kit



- Heavy-Duty Chain & Turn Buckle Tie Down Kit
- Zinc Plated Hardware
- Powder Coated Brackets

PART NO.	DESCRIPTION
3010548	Heavy-Duty Chain & Turn Buckle Tie Down Kit for 6-20 Cubic Yard Municipal Spreaders

UNDER / REPLACEMENT TAILGATE SPREADERS

9 Inch Auger / 6 Inch Auger with 3/8 Inch Flighting



Heavy duty 9" auger for 92450SSA
6" auger for all other models



92451SS optional berm chute
For heavy duty 9 inch auger
model (92450SSA)



UTS auger screen included



92440SSA shown



COMMON UNDER TAILGATE FEATURES

Application: 96 inch wide dump bodies (electric models for trucks without central hydraulics)

Construction: 304 stainless steel (6 inch auger hydraulic models available in orange powder-coated steel)

Additional Feature: Auger screen

COMMON REPLACEMENT TAILGATE FEATURES AND ACCESSORIES

- Anti-flow plate
- 18 inch poly spinner
- Mounting kit to fit multiple dump body configurations
- 304 stainless steel body



6" dia. auger and screen

MODELS

HEAVY DUTY HYDRAULIC — 9 INCH AUGER

Spread Range: 2-40 feet
Feed Mechanism: 9 inch auger with 3/8 inch flighting
Motor: Direct drive, hydraulic drive auger



Optional 92451SS berm
chute shown installed

Bulk Salt	Bulk Sand	3/8 Inch Gravel	50 / 50 Salt / Sand
✓	✓	✓	✓

Optional berm chute shown above (92451SS)
Optional stainless steel spill shield (924F0106SS)
and stainless steel spill shield pair (924F0106SSPR)

HYDRAULIC -- 6 INCH AUGER — Available with standard, center, and left discharge

Spread Range: 2-40 feet
Feed Mechanism: 6 inch auger with 3/8 inch flighting
Motor: Independent direct drive hydraulic auger and spinner motors



92426SSA
(left discharge)

Bulk Salt	Bulk Sand	3/8 Inch Gravel	50 / 50 Salt / Sand
✓	✓	✓	✓

Optional hard face flighting
Optional speed sensing motors
Optional powder coated spill shields (924F0106PR)
Optional stainless steel spill shields (924F0206SSPR)

ELECTRIC -- 6 INCH AUGER — Available with standard discharge or center discharge

Spread Range: 2-25 feet
Feed Mechanism: 6 inch auger with 3/8 inch flighting
Motor: Two 12V direct drive motors (3/4 HP for auger, 1/2 HP for spinner)
Controller: In-cab closed-loop controller with independent auger and spinner speeds, and vibrator control



92441SSA
(center discharge)

Bulk Salt	Bulk Sand	3/8 Inch Gravel	50 / 50 Salt / Sand
✓	✓	✓	✓

Optional stainless steel spill shields (924F0106SSPR)

REPLACEMENT TAILGATE SPREADERS

Spread Range: 2-25 feet
Feed Mechanism: 6 inch auger with 3/8 inch flighting
Application: 1 ton / super duty dump body
Motor: Independent auger and spinner
Controller: Variable speed controller with independent auger and spinner speeds, and vibrator control



9035100
(Electric Model)

Bulk Salt	Bulk Sand	3/8 Inch Gravel	50 / 50 Salt / Sand
✓	✓	✓	✓

Spread Range: 2-25 feet
Feed Mechanism: 6 inch auger with 3/8 inch flighting
Application: 1 ton / super duty dump body
Motor: Independent auger and spinner



9035102
(Hydraulic Model)

Bulk Salt	Bulk Sand	3/8 Inch Gravel	50 / 50 Salt / Sand
✓	✓	✓	✓

NEW ANTI-ICE SYSTEMS



Hydraulic Systems - Powered by 235 GPM hydraulic pumps, with an oil requirement of 4-11 GPM

Gas Systems - Powered by Honda® engines: 5 HP for 185 GPM systems/2.8 HP for 25 GPM systems

Electric Systems - Powered by a 12V, 18 Amp, 6 GPM electric pump

HYDRAULIC / GAS SYSTEM FEATURES

UV Stabilized, High Density Polyethylene Tank
1,065 and 1,750 gallon tanks include internal baffling to help minimize "sloshing" for better vehicle control.

Included Powder-Coated Leg Frame Stand
For easy loading and unloading from the truck, and convenient off-season storage.

Stainless Steel or PVC Spray Bar
One or three lane spray bar depending on desired lane coverage.

Clip-On Spray Nozzles with Adjustable Angle
Nozzles adjust to apply proper surface coverage and remove for easy cleaning and maintenance.

Manifold-Type Fittings
Built with glass-injected polypropylene to support leak-free connections and easy service.

TANK SIZE (GALLONS)	FLOW RATE	SPRAY BAR	APPLICATION RATE CONTROL	MODEL
GAS				
550	25 GPM	1 Lane PVC	Manual	6191120
			Automatic	6191121
1065	185 GPM	1 Lane Stainless	Manual	6191610
			Automatic	6191611*
1065	185 GPM	3 Lane Stainless	Manual	6191615
			Automatic	6191616*
1750	185 GPM	1 Lane Stainless	Manual	6191630
			Automatic	6191631*
1750	185 GPM	3 Lane Stainless	Manual	6191635
			Automatic	6191636*
HYDRAULIC				
1065	235 GPM	1 Lane Stainless	Manual	6192710*
			Automatic	6192711*
1065	235 GPM	3 Lane Stainless	Manual	6192715*
			Automatic	6192716*
1750	235 GPM	1 Lane Stainless	Manual	6192730*
			Automatic	6192731*
1750	235 GPM	3 Lane Stainless	Manual	6192735*
			Automatic	6192736*

*Automatic application rate controllers are sold separately.
Starred systems do not come with any controller.

ELECTRIC SYSTEM FEATURES

UV Stabilized, High Density Polyethylene Tank
For reliable, corrosion resistant brine storage.

Hitch-Mounted Electric Pump and PVC Spray Bar
Easily remove pump enclosure and spray bar when not in use.

Clip-On Spray Nozzles with Adjustable Angle
Nozzles adjust to apply proper surface coverage and remove for easy cleaning and maintenance.

Electric Operation
For quiet, easy-to-maintain operation ideal for most off-road applications.

TANK SIZE (GALLONS)	FLOW RATE	SPRAY BAR	APPLICATION RATE CONTROL	MODEL
ELECTRIC				
210	6 GPM	1 Lane PVC	Manual	6190150
325	6 GPM	1 Lane PVC	Manual	6190160
550	6 GPM	1 Lane PVC	Manual	6190170

PRE-WET SYSTEMS

105 GALLON TANK, V-BOX MOUNTED SYSTEMS

System Includes

- Tank(s) with:
 - Stainless Steel Mounting Bracket and Hardware
 - Tie Down Strap(s) (for mounting)
- All Needed Hoses, Fittings, Valves, and Clamps
- Pre-Plumbed/Pre-Wired Pump Enclosure with:
 - 12V, 3 GPM Diaphragm Pump*/ 4.5 GPM Hydraulic Pump**
 - Proportional Valve**
 - Pressure Switch (to activate low/high pressure buzzer)
- Pre-Wet System Electric In-Cab Controller (WSE1*/WSE75**) with:
 - Wiring Harness

*Electric Only

**Hydraulic Only

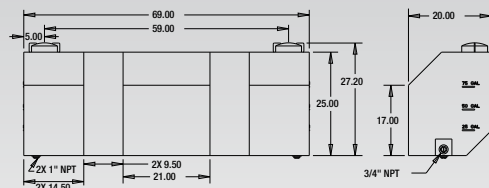


LS4 & LS5 (6-20 cy V-Box Mount 105 gal.)

Can be used with: 1400475SS Series, 140500SS Series, 140550SS Series, 1406657SSH, 1406757SSH, 1406863SSH, 1406969SSH, 1421057SSH, 1421163SSH, 1421257SSH, 1421363SSH, 1421369SSH, 1421469SSH, 1425657SSH, 1425757SSH, 1425863SSH, 1425969SSH, 140657SSH, 1450757SSH, 1450757SSH, 1450863SSH, 1450869SSH, 1451057SSH, 1451163SSH, 1451257SSH, 1451363SSH, 1451369SSH, 1451469SSH, 1461057SSH, 1461163SSH, 1461257SSH, 1461363SSH, 1461369SSH, 1461469SSH, 1471056SSH, 1471156SSH, 1471256SSH, 1471456SSH



used on LS4 & LS5



Part No.	Description	Dimensions (L x W x H)	Ports	WT (LB)
LS4	Electric 105 Gallon Tank System			
LS4H	Hydraulic 105 Gallon Tank System			
LS5	Electric (2) 105 Gallon Tank System			
LS5H	Hydraulic (2) 105 Gallon Tank System			
Part No.	Description	Dimensions (L x W x H)	Ports	WT (LB)
3010816	Tank Only	63" x 20" x 26.5"	(2) 3/4" NPT Ports, (2) 1" NPT Ports	62

160 GALLON TANK, MDS-MOUNTED SYSTEM

System Includes

- Tank(s) with:
 - Mounting Bracket and Hardware
 - Stainless Steel Tank Strap
- All Needed Hoses, Fittings, Valves, and Clamps
- Pre-Plumbed/Pre-Wired Pump Enclosure with:
 - 12V, 3 GPM Diaphragm Pump*/ 4.5 GPM Hydraulic Pump**
 - Proportional Valve**
 - Pressure Switch (to activate low/high pressure buzzer)
- Pre-Wet System Electric In-Cab Controller (WSE1*/WSE75**) with:
 - Wiring Harness

*Electric Only

**Hydraulic Only



LS11 (MDS Mount two, 160 gal.)

Can be used with: Municipal Dump Spreader (MDS)

Part No.	Description	Dimensions (L x W x H)	Ports	WT (LB)
LS11	Electric (2) 160 Gallon Tank System			
LS11H	Hydraulic (2) 160 Gallon Tank System			

400 GALLON TANK, V-BOX MOUNTED SYSTEMS

System Includes

- 2 Tanks with:
 - Stainless Steel Mounting Bracket and Hardware
- All Needed Hoses, Fittings, Valves, and Clamps
- Pre-Plumbed/Pre-Wired Pump Enclosure with:
 - 12V, 3 GPM Diaphragm Pump*/ 4.5 GPM Hydraulic Pump**
 - Proportional Valve**
 - Pressure Switch (to activate low/high pressure buzzer)
- Pre-Wet System Electric In-Cab Controller (WSE1*/WSE75**) with:
 - Wiring Harness

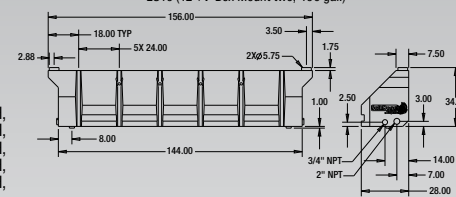
*Electric Only

**Hydraulic Only



LS10 (12'+V-Box Mount two, 400 gal.)

Can be used with: 1421057SSH, 1421163SSH, 1421257SSH, 1421363SSH, 1421369SSH, 1421469SSH, 1451057SSH, 1451163SSH, 1451257SSH, 1451363SSH, 1451369SSH, 1451469SSH, 1461057SSH, 1461163SSH, 1461257SSH, 1461363SSH, 1461369SSH, 1461469SSH, 1471056SSH, 1471156SSH, 1471256SSH, 1471456SSH



Part No.	Description	Dimensions (L x W x H)	Ports	WT (LB)
LS10	Electric (2) 400 Gallon Tank System			
LS10H	Hydraulic (2) 400 Gallon Tank System			
Part No.	Description	Dimensions (L x W x H)	Ports	WT (LB)
3026538	Tank Only	156" x 28" x 35"	(4) 3/4" NPT Ports, (2) 2" NPT Ports	255.5



used on LS10

30 GALLON TANK, UNDERBODY MOUNTED SYSTEMS

System Includes

- Tanks with:
 - Powder Coated Steel Mounting Brackets and Hardware
 - Tie Down Straps (for mounting)
- All Needed Hoses, Fittings, Valves, and Clamps
- Pre-Plumbed/Pre-Wired Pump Enclosure with:
 - 12V, 3 GPM Diaphragm Pump*/ 4.5 GPM Hydraulic Pump**
 - Proportional Valve**
 - Pressure Switch (to activate low/high pressure buzzer)
- Pre-Wet System Electric In-Cab Controller (WSE1*/WSE75**) with:
 - Wiring Harness

*Electric Only

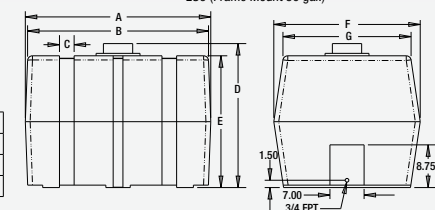
**Hydraulic Only



LS9 (Frame Mount 30 gal.)

Can be used with: Universal mounting on truck frames

PART NO.	A	B	C	D	E	F	G
82123909	23	24	2.5	22.5	20	19	18
82123919	38	37	2.5	22.5	20	19	18
82123929	38	37	3	29.5	27	30	26



Part No.	Description	Dimensions (L x W x H)	Ports	WT (LB)
LS9	Electric 30 Gallon Tank System			
LS9H	Hydraulic 30 Gallon Tank System			
Part No.	Description	Dimensions (L x W x H)	Ports	WT (LB)
82123909	Tank Only	24" x 19" x 22"	3/4" FPT Port	18
82123919	Tank Only	38" x 19" x 22"	3/4" FPT Port	25
82123929	Tank Only	38" x 30" x 29"	3/4" FPT Port	40



82123909 82123919 82123929

PRE-WET SYSTEMS

105 GALLON TANK, TAILGATE MOUNT SYSTEMS FOR UNDER TAILGATE SPREADERS

System Includes

- Tanks with:
 - Stainless Steel Mounting Bracket and Hardware
 - Tie Down Straps (for mounting)
- All Needed Hoses, Fittings, Valves, and Clamps
- Pre-Plumbed/Pre-Wired Pump Enclosure with:
 - 12V, 3 GPM Diaphragm Pump*/ 4.5 GPM Hydraulic Pump**
 - Proportional Valve**
 - Pressure Switch (to activate low/high pressure buzzer)
- Pre-Wet System Electric In-Cab Controller (WSE1*/WSE75**) with:
 - Wiring Harness

*Electric Only

**Hydraulic Only

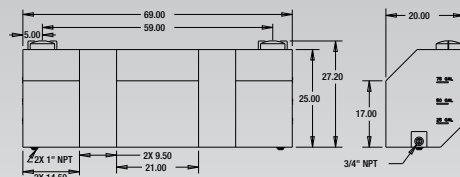


LS4T (Dump Tailgate Mount 105 gal.)

Can be used with: All Under Tailgate Spreaders.
Dump Tailgate must be at least 24" tall.



used on LS4 & LS5



Part No.	Description	Dimensions (L x W x H)	Ports	WT (LB)
LS4T	Electric 105 Gallon Tank System			
LS4TH	Hydraulic 105 Gallon Tank System			
Part No.	Description	Dimensions (L x W x H)	Ports	WT (LB)
3010816	Tank Only	63" x 20" x 26.5"	(2) 3/4" NPT Ports, (2) 1" NPT Ports	62

120 GALLON TANK, BETWEEN CAB & BODY MOUNTED SYSTEM

System Includes

- Tanks with:
 - Stainless Steel Mounting Bracket and Hardware
 - Tie Down Straps (for mounting)
- All Needed Hoses, Fittings, Valves, and Clamps
- Pre-Plumbed/Pre-Wired Pump Enclosure with:
 - 12V, 3 GPM Diaphragm Pump*/ 4.5 GPM Hydraulic Pump**
 - Proportional Valve**
 - Pressure Switch (to activate low/high pressure buzzer)
- Pre-Wet System Electric In-Cab Controller (WSE1*/WSE75**) with:
 - Wiring Harness

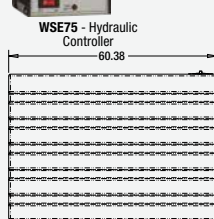
*Electric Only

**Hydraulic Only



LS12 (Behind Cab Mount 120 gal.)

Can be used with: Universal mounting between cab and body



Part No.	Description	Dimensions (L x W x H)	Ports	WT (LB)
LS12	Electric 120 Gallon Tank System			
LS12H	Hydraulic 120 Gallon Tank System			
Part No.	Description	Dimensions (L x W x H)	Ports	WT (LB)
3030139	Tank Only	60.38" x 12" x 42.38"	1/2" NPT Port, 1" NPT Port	206
3026538	Galvanized frame for 3030139			105

shown with optional 3033887 galvanized frame



used on LS12

ACCESSORIES

44" LIGHT BAR KITS



8891144



8891145

Part No.	Description
8891144 (Round)	(1) 304 Stainless Steel Light Box, Dimension: 44" L x 8" H x 3" D (2) 4" Round STT Lights, 10 Red LEDs (2) 4" Round Strobe Lights, 24 Amber LEDs (3) 2.5" Round Marker Lights, 4 Red LEDs (1) Wire Harness (2) LED Load Equalizers
8891145 (Oval)	(1) 304 Stainless Steel Light Box, Dimension: 44" L x 8" H x 3" D (2) 6" Oval STT Lights, 10 Red LEDs (2) 6" Oval Strobe Lights, 24 Amber LEDs (3) 2.5" Round Marker Lights, 4 Red LEDs (1) Wire Harness (2) LED Load Equalizers

66" LIGHT BAR KITS



8891150



8891168



8891166



8891169



8891167

Part No.	Description
8891150 (Oval)	(1) 304 Stainless Steel Light Box, Dimension: 66" L x 4" H x 3" D (2) 6.5" Oval STT Lights, 10 Red LEDs (2) 6.5" Oval Strobe Lights, 24 Amber LEDs (3) .75" Round Marker Lights, 3 Red LEDs (1) Wire Harness (2) LED Load Equalizers/Turn Signals
8891166 (Round)	(1) 304 Stainless Steel Light Box, Dimension: 66" L x 8" H x 3" D (2) 4" Round STT Lights, 10 Red LEDs (2) 4" Round Back-Up Lights, 10 Clear LEDs (2) 4" Round Strobe Lights, 24 Amber LEDs (3) 2.5" Round Marker Lights, 4 Red LEDs (1) Wire Harness (2) LED Load Equalizers
8891167 (Round)	(1) 304 Stainless Steel Light Box, Dimension: 66" L x 8" H x 3" D (4) 4" Round STT Lights, 10 Red LEDs (2) 4" Round Strobe Lights, 24 Amber LEDs (3) 2.5" Round Marker Lights, 4 Red LEDs (1) Wire Harness (2) LED Load Equalizers
8891168 (Oval)	(1) 304 Stainless Steel Light Box, Dimension: 66" L x 8" H x 3" D (2) 6" Oval STT Lights, 10 Red LEDs (2) 6" Oval Back-Up Lights, 10 Clear LEDs (2) 6" Oval Strobe Lights, 24 Amber LEDs (3) 2.5" Round Marker Lights, 4 Red LEDs (1) Wire Harness (2) LED Load Equalizers
8891169 (Oval)	(1) 304 Stainless Steel Light Box, Dimension: 66" L x 8" H x 3" D (4) 6" Oval STT Lights, 10 Red LEDs (2) 6" Oval Strobe Lights, 24 Amber LEDs (3) 2.5" Round Marker Lights, 4 Red LEDs (1) Wire Harness (2) LED Load Equalizers

77" LIGHT BAR KITS



8891177



8891178

Part No.	Description
8891177 (Oval)	(1) 304 Stainless Steel Light Box, Dimension: 77" L x 4" H x 3" D (2) 6.5" Oval Strobe Lights, 24 Amber LEDs (2) 6.5" Oval Back-Up Lights, 10 Clear LEDs (2) 6.5" Oval STT, 10 Red LEDs (3) .75" Round Marker Lights, 3 Red LEDs (1) Wire Harness (2) LED Load Equalizers
8891178 (Oval)	(1) 304 Stainless Steel Light Box, Dimension: 77" L x 4" H x 3" D (4) 6" Oval STT Lights, 10 Red LEDs (2) 6" Oval Strobe Lights, 24 Amber LEDs (3) .75" Round Marker Lights, 3 Red LEDs (1) Wire Harness (2) LED Load Equalizers/Turn Signal

30 GAL CENTRAL HYDRAULIC SYSTEM

The Buyers Products Company Central Hydraulic System (CHS) is unmatched in functionality with its small footprint design and controller providing convenient plow, spreader and hoist operation. Contact Buyers for other configurations.



Pneumatic Hoist and Plow Control
Proportional controls of hoist and plow

- 4 & 6-Function options (additional available)
- Hoist safety interlock system
- Detented plow lever



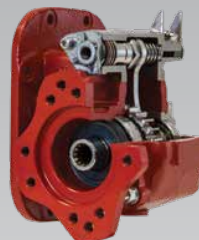
Clutch Pump Kits (sold separately)
Circulates oil to respective parts

- Meets demanding hydraulic requirements
- Fits most 1 ton & Super - Duty trucks
- Works with or without air conditioning



Spreader Controller
Directs spreader functions

- Controller unit for Auger-Conveyor, Spinner & Pre-wet
- Automatically switches between manual and auto modes for uninterrupted spreading
- Includes Garmin® GPS for proportional ground speed control



Power Take Off (sold separately)
Powers pump

- Available in cable, air and electric hot shift
- Common mounting style for easy installation of hydraulic pumps
- Central hydraulic system requires either PTO or clutch pump



Central Hydraulic System Tank
Provides directional oil flow for plow, spreader, and hoist control

- Cutting edge, space saving design
- In-tank return filter assembly for oil refinement
- 4 and 6-Function valve options (additional available)
- Bottom ported manifold valving eliminates excessive hoses
- 15 and 30 gallon, 304 stainless steel tanks



15 GAL CENTRAL HYDRAULIC SYSTEM

Quality. Value. Availability. The 15 Gallon Central Hydraulic System (CHS) is designed for quick and easy installation. Electric, in-cab controllers for plow, spreader, and hoist eliminate the need to plumb multiple hydraulic lines into the cab. Not only does the system save installation time, it also saves cab space and frame rail space and keeps the heat and noise outside.



Dump Hoist & Plow Controls
Directs plow and hoist functions

- 4 or 6-Function options
- Hoist safety interlock system
- Detented plow switch



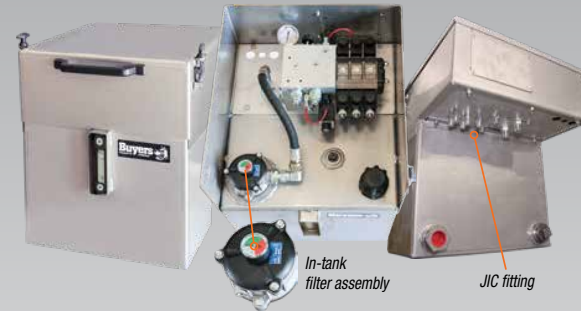
Clutch Pump Kits (sold separately)
Circulates oil to respective parts

- Meets demanding hydraulic requirements
- Fits most 1-Ton & Super Duty trucks
- Works with or without air conditioning



Spreader/Liquid Spray Controller
Directs spreader functions

- Controller unit for Auger/Conveyor, Spinner & Pre-wet
- Automatically switches between manual and auto modes for uninterrupted spreading
- Optional Garmin® GPS for proportional ground speed control



Central Hydraulic System
Center for directional oil flow and plow, spreader, and hoist control

- Save frame rail space
- In-tank return filter assembly for oil refinement
- Pre-plumbed for quick installation
- 304 Stainless steel construction
- 4 or 6-Function valve options (see back)



Pre-Wet Systems (optional)
Complete chemical dispersion systems

- Works with spreaders for a more efficient material applications
- Systems include 30-200 gal. tanks, pre-plumbed pump enclosure, in-cab controller, all needed hoses, fittings, valves, and clamps



The Buyers family of manufacturing companies

Tracom

 **Boomerang**
RUBBER, INC.

 **Romotech**
Rotational Molding Technologies, Inc.

 **PROGRESSIVE**
POWDER COATING, INC.

www.dukesaw.com

