

TORNADO™ POLY/ELECTRIC HOPPER SPREADER SPECIFICATIONS

Body Side Length	Capacity Cu. Yd	Hopper Construction	Dimensions (Overall Length x Width x Height)	Hopper Weight	Conveyor Width	Poly Spinner	Spreading Width	Vehicle Application
7'	1.5	Polyethylene	108" x 63" x 44"	591 lb	16¾"	15½" Poly	2' - 40'	¾ to 1 Ton Pick-up Trucks
8'	1.8	Polyethylene	117" x 63" x 44"	660 lb	16¾"	15½" Poly	2' - 40'	¾ to 1 Ton Pick-up Trucks
8'	2.5	Polyethylene	117" x 63" x 51"	734 lb	16¾"	15½" Poly	2' - 40'	Dump Body or Flatbed Trucks

ICE BREAKER™ HOPPER SPREADER SPECIFICATIONS

Body Side Length	Hopper Construction	Dimensions (Overall Length x Width x Height)	Hopper Weight* (Gas Models)	Capacity Struck (cu. yd.)	Capacity Rounded (cu. yd.)	Product Unit Options		Hydraulic**	Vehicle Application
						Options 10.5 HP I/C Briggs & Stratton	Options 11 HP I/C Honda		
8'	12 gauge steel	115" x 50¾" x 32"	750 lb	2.0	2.5	X	X		¾ and 1 Ton Pick-up Trucks
8'	14 gauge SS	115" x 50¾" x 32"	700 lb	2.0	2.5	X	X	X	(over 8500 lb GVWR)
10'	12 gauge steel	139" x 58" x 37½"	1000 lb	3.3	4.1	X		X	Dump Body or Flat Bed Trucks (above 15,000 lb GVWR)
10'	12 gauge SS	139" x 58" x 37½"	1000 lb	3.3	4.1		X	X	

* Hydraulic models weigh 150 lb less than similar length gas models.
 ** Dual Hydraulic Drive — An optional hydraulic powered spinner chute is available for hydraulic models.

TAILGATE SPREADER SPECIFICATIONS

Tailgate Spreader	Hopper Construction	Approximate Weight (empty)	Capacity	Dimensions (H x W x L)	Motor Size	Spinner Size	Materials	Vehicle Application
Model 500 Low Profile	Polyethylene	75 lb with mount	5 cu. ft.	34" x 39" x 21"	1/3 HP	10"	Salt	Vehicles with Class III hitch
Model 1000 Low Profile	Polyethylene	105 lb w/o mount	8 cu. ft.	35" x 50½" x 19½"	1/3 HP	10"	Salt	Full Size Trucks
Model 2500 Low Profile	Polyethylene	105 lb with mount	8.5 cu. ft.	40" x 50" x 25"	1/3 HP	15"	Salt	Full Size Trucks
PRO-FLO™ 2 (2-Stage)	Polyethylene	235 lb w/o mount	10 cu. ft.	46" x 46" x 24"	1/3 HP	15½"	Sand & Salt	¾ & 1 Ton



TWO WINTER WARRANTY

See dealer for details

WESTERN PRODUCTS • P.O. Box 245038 • Milwaukee, WI 53224-9538 • www.westernplows.com

Western Products reserves the right under its product improvement policy to change construction or design details and furnish equipment when so altered without reference to illustrations or specifications used. Western Products and the vehicle manufacturer may require and/or recommend optional equipment for spreaders. Do not exceed vehicle weight rating with a spreader. This product is manufactured under the following US patents: 5,375,773; 5,501,405; CAN patent 2,126035; other patents pending. Western Products offers a limited warranty for all spreaders and accessories. See separately printed page for this important information. The following are registered (®) or unregistered (™) trademarks of Douglas Dynamics, L.L.C.: ICEBREAKER™; PRO-FLO™; PRO-FLO™ 2; SWING AWAY™; TORNADO™; WESTERN®.

©2011 Douglas Dynamics, L.L.C.
 All rights reserved.
 Form No. 63589-5/11

DD A DIVISION OF DOUGLAS DYNAMICS, L.L.C.



Printed on recycled paper
 Printed in U.S.A.



ICE CONTROL EQUIPMENT





A WHOLE NEW GENERATION IN CONTRACTOR GRADE® PERFORMANCE

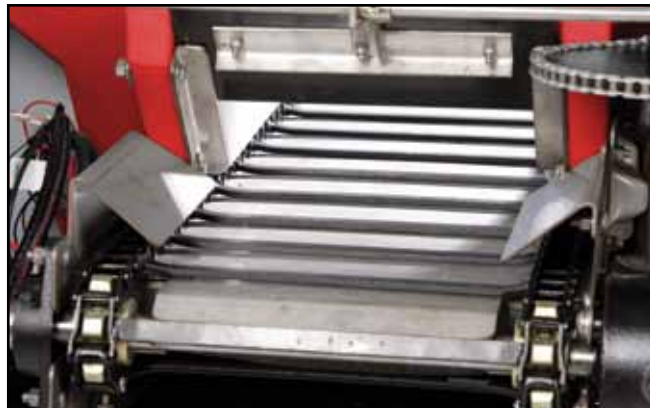
When it comes to CONTRACTOR GRADE ice control performance, the new-generation TORNADO™ spreader blows away the competition.

Western Products has combined rugged, rust-proof, one-piece poly construction with the innovative design features you need to get the job done right the first time.

The TORNADO spreader is available in 7- and 8-foot lengths, with 1.5-, 1.8- and 2.5-cubic yard capacities, so you can choose the perfect fit for your needs.

OVERLAPPING POLY HOPPER COVERS

protect de-icing material by sealing out moisture. Molded water grooves and the dome shape direct water away from the hopper.



STEEL PINTLE CHAIN CONVEYOR and corrosion-resistant stainless steel housing provide strength, reliability, and consistent material flow.



VARIABLE SPEED CONTROL

features self-diagnostics with LEDs, including notification when hopper is empty.

THE SPINNER CHUTE ASSEMBLY

features a rust-proof 15½" poly spinner. The entire assembly is height adjustable for pickup and flatbed trucks, and is easily removed for off-season storage.



DUAL ELECTRIC MOTORS power the conveyor and spinner, giving you independent control of material delivery and spinner speed. Electric motors mean low maintenance and reliable starting.



OPEN POLY HOPPER COVERS protect the truck bed from material overflow during loading.

STANDARD TOP SCREEN breaks up large material chunks for better flow.



ADJUSTABLE FEED GATE

regulates material flow to your exact requirements.



EASILY REMOVABLE

with its chute removed the unit stands on end to save storage space during the off-season. Support blocks (not shown) required for off-vehicle storage.



ADDITIONAL FEATURES

- Standard top screen
- Center High-Mounted Stop Light (CHMSL) is standard to meet FMVSS requirements
- Built-in tie-down loops for strapping unit to truck
- Chute housing includes molded alternate license plate area
- Includes an accessory wire for optional work light

OPTIONS INCLUDE

- Inverted-Vee kit helps reduce start-up loads on the drivetrain
- Work Light kit provides better night-time visibility to rear of spreader
- License Plate Light kit illuminates alternate license plate area
- Vibrator kit helps remove stubborn materials



BREAKS THROUGH THE STORM

WESTERN® ICE BREAKER™ hopper spreaders are perfect for ice control on driveways, roads and parking lots. Available in 8' and 10' body lengths in powder-coated steel or stainless steel, these rugged v-box type spreaders mount easily on pickup, dump or platform trucks. All spreaders are covered by the WESTERN Two Winter Warranty.

CHMSL

Center high mounted stoplight (CHMSL) is standard and meets Federal Motor Vehicle Safety Standards.



DRIVE & CONVEYOR

A positive chain and sprocket drive powers the conveyor and features a superior rust-resistant coating for extended chain life. The 16" wide pintle chain conveyor reduces bridging and moves more material for faster unloading.



POLY SPINNER

The poly spinner will not rust, promoting longer life.

CHUTE DEFLECTORS

Replaceable poly chute deflectors will not rust and are more forgiving when encountering obstacles.



CONTROL

Gas engine spreaders feature cab-mounted electronic throttle control with choke indicator light and electric clutch.

PRO-FLO™ 2

GO WITH THE FLO

Capable of spreading all types of material, including wet sand, the PRO-FLO™ 2 sets the standard for tailgate-type spreaders.

- Poly hopper has 10 cu. ft. capacity
- 1/3-HP, 12V DC motor with belt reduction drive
- Large, 15 1/2" poly spinner increases spread pattern
- Spreader height, feed gate and deflectors are all adjustable



TWO-STAGE DELIVERY

Two-stage design features a 16" belt conveyor to assure positive feed with all materials.

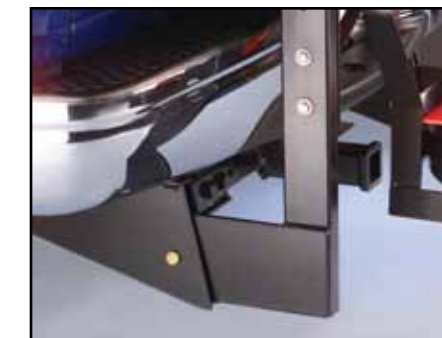
ALSO AVAILABLE

- Choice of unique vehicle battery kit which eliminates the need for a dedicated battery and conventional battery tray
- Inverted-Vee (standard on High Capacity models)
- Standard or extended chute
- Standard and heavy-duty top screens
- Dual hydraulic chute option



VARIABLE SPEED CONTROL

Available as one of two control options on the PRO-FLO™ 2.



FRAME MOUNT

The under-bed frame mount includes a Class IV receiver hitch and is available as an option for the PRO-FLO™ 2.

THE PRO-FLO™ 2 ALSO INCLUDES:

- Center high-mounted stoplight
- Choice of in-cab "on/off" or variable speed control
- Choice of two mounting systems: in-bed truss mount or under-bed frame vehicle-specific mount which includes a Class IV receiver hitch



MODEL 500

- Designed for compact pickups or SUVs with a Class III trailer hitch
- 5 cu. ft. capacity poly hopper
- 1/3-HP, 12V DC sealed motor and direct drive auger
- Choice of "on/off" switch or variable speed control
- Poly spinner and ratchet straps are standard
- Optional top screen and adjustable deflector

MODEL 1000

- Poly hopper has 8 cu. ft. capacity
- 1/3-HP, 12V DC motor mounted inside a sealed housing in the hopper for corrosion protection
- Powder-coated steel auger and agitator
- Choice of in-cab "on/off" switch or variable speed control
- Choose "On-Bumper" mounting system, dual "Swing-Away" design (which allows the empty spreader to swing out of the way for easy access to the truck's tailgate and bed) or Class IV receiver hitch mount



LOW PROFILE

WESTERN

These tailgate spreaders feature a low profile design which provides an unobstructed rear view from the cab. They're ideal for spreading dry #1 rock salt, calcium chloride and other de-icing materials.



VARIABLE SPEED CONTROL

Available as an option for all Low Profile models.



RECEIVER HITCH MOUNT

A Class IV receiver hitch mount is standard on Model 2500 and optional on Model 1000. A Class III receiver hitch mount is standard on Model 500. No tools are required to install or remove the spreader.

MODEL 2500

- 8.5 cu. ft. capacity high-density polyethylene hopper
- 1/3-HP, 12V hi-torque motor located in a sealed housing in the hopper
- Adjustable feed gate with positive material flow shut-off
- Adjustable material deflectors
- 15" polyurethane spinner
- Receiver hitch mount and nylon ratchet straps
- Molded polyethylene cover
- Choice of in-cab "on/off" switch or variable speed control