

# TEMPEST™

POLYETHYLENE HOPPER SPREADERS



## CHOOSE WISELY.

Choose from a pintle chain or the ALL-NEW HELIXX™ auger delivery system. The FISHER® TEMPEST line is also available in either corrosion-resistant polyethylene or riveted stainless steel construction.

METROPOLITAN TRUCK CENTER INC.

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### ALL-NEW

#### HELIXX AUGER TECHNOLOGY

Patented corkscrew material delivery system is optimized to operate in the target range for smooth salt spreading.

OR

#### PINTLE CHAIN CONVEYOR

The large conveyor delivers reliable, smooth, and consistent material flow for heavy, dense materials like sand, and salt/sand mix while reducing bridging.

#### INTERLOCKING POLY LIDS

Standard lids have molded channels for moisture run-off. Pockets at the end of the lid allow a 2x4 to be inserted for leverage while opening.

#### POLYETHYLENE CONSTRUCTION

Resist the corrosive environment of de-icing with polyethylene construction. Lightweight, yet highly durable, these hoppers are built to last.

#### OPTIMIZED SPINNER CHANNELS

The ridges on the spinner ensure an even distribution of material throughout the spread arc.

#### ADJUSTABLE DEFLECTOR

Adjustable deflector on the spinner is manually positioned left or right to limit spread pattern to protect sensitive surfaces

#### MATERIAL DELIVERY EXTENSION/ PRE-WET CHAMBER

A material delivery extension reduces leaking/spilling during transport and leads into the patented pre-wet mixing chamber. It also provides a cab-forward design for added stability.

#### COMMON PART CHUTE DESIGN

The ergonomic, hinged design uses common components for all models, making service easy. A direct drive motor offers better torque and reduces servicing.

#### STAND ON END

Special design allows the hopper to stand on end for easier storage in the off-season. This also allows easier installation into the truck bed.

#### MATERIAL SPILL PROTECTOR

CHAIN MODELS ONLY

A protection flap at the end of the conveyor prevents material from spilling out and pooling near the vehicle cab.

#### HOPPER GEOMETRY

The molded polyethylene tub geometry is optimized for better material flow. This allows for a smoother, even flow that prevents materials from getting stuck.



TEMPEST™ P220A shown

#### ACCESSORIES

Strobe | Work Light | Secondary Work Light | Vibrator  
Inverted V | Rearview Material Monitoring Camera  
Trilogy Defense Pre-Wet & Direct Liquid Application  
Central Point Grease

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## TEMPEST™ POLYETHYLENE HOPPERS

	P150C	P220C	P150A	P220A
Body Side Length	7' (213.4 cm)	8' (243.9 cm)	7' (213.4 cm)	8' (243.9 cm)
Capacity – Volume	1.5 cu yd (1.15 cu m)	2.2 cu yd (1.68 cu m)	1.5 cu yd (1.15 cu m)	2.2 cu yd (1.68 cu m)
Capacity – Weight*	3,240 lb (1469.6 kg)	4,752 lb (2155.5 kg)	3,240 lb (1469.6 kg)	4,752 lb (2155.5 kg)
Hopper Construction	Polyethylene Body, Stainless Steel Drive line			
Recommended Bed Length	74" (188 cm)	90" (228.6 cm)	74" (188 cm)	90" (228.6 cm)
Approx. Weight – Empty	723 lb (328 kg)	823 lb (373.3)	673 lb (305.3 kg)	793 lb (360 kg)
Material Delivery System	Pintle Chain Conveyor System		HELIXX™ Auger Technology	
Conveyor Width	16" (40.6 cm)		N/A	
Conveyor Material	Sand & Salt/Sand Mix		N/A	
HELIXX™ Auger Dimensions	N/A		6" (15.2 cm) Diameter	
Auger Material	N/A		Bulk Rock Salt	
Spinner Size	16" (40.6 cm) diameter			
Salt Spread Width	36' (11 m)		36' (11 m)	
Sand Spread Width	24' (7.3 m)		N/A	
Vehicle Application	Pickup	Pickup, Flatbed/Dump Body	Pickup	Pickup, Flatbed/Dump Body

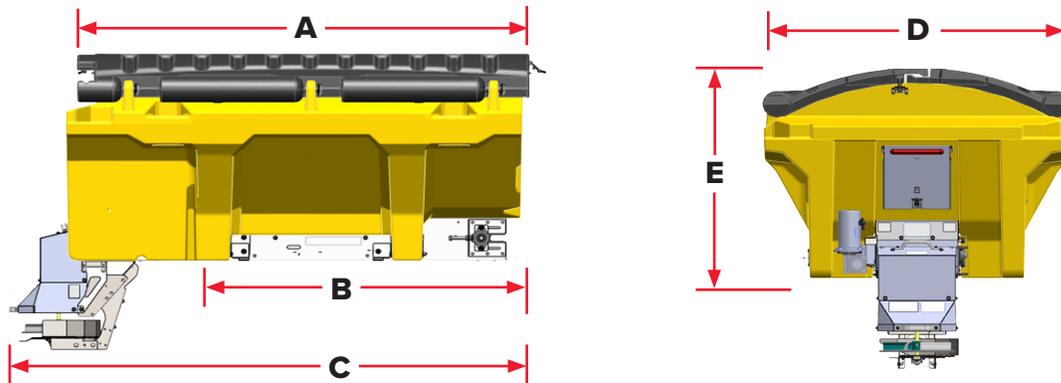
### DIMENSIONS – Refer to the schematics below

A.	Hopper Length	96.50" (245.1 cm)	104.50" (265.4 cm)	96.50" (245.1 cm)	104.50" (265.4 cm)
B.	Length from Cab Side to Second Leg	80.00" (203.2 cm)	87.00" (221 cm)	80.00" (203.2 cm)	87.00" (221 cm)
C.	Overall Hopper Length	108.25" (275 cm)	116.25" (295.3 cm)	108.25" (275 cm)	116.25" (295.3 cm)
D.	Width of Hopper Opening	63.50" (161.3 cm)	63.50" (161.3 cm)	63.50" (161.3 cm)	63.50" (161.3 cm)
E.	Height of Hopper w/o Chute	46.00" (116.8 cm)	51.50" (130.8 cm)	46.00" (116.8 cm)	51.50" (130.8 cm)

\* Material weight equates to approximately 2,160 lb/yd<sup>3</sup> or 80 lb/ft<sup>3</sup> (1 bag rock salt = approx. 1 ft<sup>3</sup>)

### REFERENCE DIAGRAMS

reference diagrams show chain models



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