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SPECIFICATIONS

WILLMAR® SPREADERS



Willmar WILLMAR SPREADERS | SPECIFICATIONS



Willmar® is a worldwide brand of AGCO Corporation.

LINED AND SEALED TO DELIVER.

The corrosive effect of fertilizers can be substantial and very costly. Every Willmar® pull-type spreader features corrosion-resistant phenolic flooring to facilitate material flow without buildup from under the conveyor chain. Both the conveyor and ground-drive chains are made with stainless steel, frames are structural channel steel with reinforcements, and the hopper and skid are constructed of 12-gauge stainless steel. A chemical-resistant, epoxy based, rust-inhibiting primer and super tough, acrylic, urethane finish combine to protect and extend the life of the spreader.

Although Willmar spreaders can't control the volatility of fertilizer prices, they can help improve your margins by delivering fertilizer more accurately and efficiently. They've long been acknowledged for their durability, ease of operation and agility — just some of the reasons Willmar is the spreader of choice for many in the industry.

STANDARD EQUIPMENT: S-150, S-200, S-500, S-500 NT, S-600, S-600 NT, S-800 PULL-TYPE SPREADERS

Model	S-150	S-200	S-500 or S-500 NT	S-600 or S-600 NT	S-800
Hopper capacity—struck	49.6 cu. ft. (1.40 m³)	70 cu. ft. (1.98 m³)	152 cu. ft. (4.32 m³)	192 cu. ft. (5.46 m³)	244 cu. ft. (6.90 m³)
Hopper capacity—heaped	53.6 cu. ft. (1.51 m³)	85.5 cu. ft. (2.4 m³)	167 cu. ft. (4.73 m³)	210 cu. ft. (5.95 m³)	264 cu. ft. (7.47 m³)
Weight empty	1470 lbs. (668 kg)	1,500 lbs. (681 kg)	2,150 lbs. (977 kg)	3,100 lbs. (1,409 kg)	3,400 lbs. (1,542.2 kg)
Max. gross weight	7,000 lbs. (3,175.15 kg)	7,000 lbs. (3,175.15 kg)	14,000 lbs. (6,363.63 kg)	16,500 lbs. (8,250 kg)	20,000 lbs. (9,071.9 kg)
Dimensions					
Overall Length	171 in. (434.3 cm)	157 in. (398.9 cm)	181 in. (459.7 cm)	218.75 in. (555.6 cm)	218.75 in. (555.6 cm)
Overall Height	54 in. (137.2 cm)	62 in. (157.5 cm)	80 in. (203.2 cm)	82 in. (208.2 cm)	91 in. (231.1 cm)
Hopper Length	96 in. (243.8 cm)	85.5 (217.2 cm)	92 in. (233.6 cm)	92 in. (233.6 cm)	92 in. (233.6 cm)
Hopper Weight	60 in. (152.4 cm)	72 in. (182.9 cm)	96 in. (243.8 cm)	120 in. (304.8 cm)	120 in. (304.8 cm)
Hopper Height	23.8 in. (60.4 cm)	31.2 in. (79.2 cm)	45.25 in. (114.94 cm)	45.25 in. (114.9 cm)	53.25 in. (135.2 cm)
Axles/Suspension	Single axle, center-line wheel track Axle(s) built to 9,000-lb. (4090 kg) capacity. 4,500-lb. (2045 kg) hubs and 3 x 3 x 1/4 in. (7.62 x 7.62 x .63 cm) tubing.	Single axle, center-line wheel track Axle(s) built to 9,000-lb. (4090 kg) capacity. 4,500-lb. (2045 kg) hubs and 3 x 3 x 1/4-in. (7.62 x 7.62 x .63 cm) tubing. Multi-leaf springs on left and right side of each axle. 6 leaf springs; each leaf is 1.72 in. (4.36) wide and .401 in. (1 cm) thick	Dual axles, center-line wheel track Axle(s) built to 9,000-lb. (4090 kg) capacity. 4,500-lb. (2045 kg) hubs and 3 x 3 x 1/4-in. (7.62 x 7.62 x .63 cm) tubing. Multi-leaf springs on left and right side of each axle. 6 leaf springs; each leaf is 1.72 in. (4.36) wide and .401 in. (1 cm) thick	Dual axles, center-line wheel track Axle(s) built to 11,580-lb. capacity. 5,790-lb. hubs and 3.5 x 3.5 x 5/16-in. (8.9 x 8.9 x .8 cm) tubing. Multi-leaf springs on left and right side of each axle. 9 leaf springs; each leaf is 2 in. (5 cm) wide and .401 in. (1 cm) thick	
Frame	4 x 2 x 1/8-in. (10.16 x 5 x .32 cm) rectangular tubing	4 x 2 x 1/8-in. (10.16 x 5 x .32 cm) rectangular tubing	6 x 2 x 1/8-in. (15.24 x 5 x .32 cm) rectangular tubing		
Tongue	7-gauge, hot-rolled, milled steel, channel-formed	4 x 2 x 1/8-in. (10.16 x 5 x .32 cm) rectangular tubing	7-gauge, hot-rolled sheet, channel-formed		
Gussets	12-gauge, hot-rolled, milled steel channel-formed edges	12-gauge, hot-rolled, milled steel channel-formed edges	12-gauge, hot-rolled, milled steel channel-formed edges		
Hopper, Skid and Gate	Hopper Hopper Skid Gate				
	12-gauge, 409 stainless steel 12-gauge, 409 stainless steel 10-gauge, 409 stainless steel				
Flooring	Phenolic plastic				
Conveyor chain	7-in.-wide, 304 stainless steel with 1-in. x 1-in. (2.54 cm²) mesh				
Drive chains	RC-2050, 304 stainless steel conveyor drive chain RC-50, 304 stainless steel ground drive chain				
Conveyor chain engage/disengage	Mechanically, with rope control from driver's seat				
Drives	540 rpm PTO		540 rpm PTO 540/1000 rpm dual-drive PTO ASM: 1000 rpm, 1.75-in. (4.5 cm), 20-tooth PTO Engine drive: 8 hp (5.9 kW) Honda		
Spread pattern	Two-25-ft. (7.6 m) spinners deliver a total spread of 50 ft. (15.2 m) using a 100% overlap, pyramid-type pattern. With orchard deflectors, two spinners deliver a 15–25-ft. (4.5–7.6 m) total spread width and are designed to place the bulk of the material at the center of the orchard rows.	Two-40-ft. (12.2 m) or optional 50-ft. (15.2 m) spinners deliver a total spread pattern of 80 (24.4 m) or 100 feet (30.5 m) using a 100% overlap, pyramid-type pattern.	Two spinners 40-ft. (12.2 m) or 50-ft. (15.2 m) spinners deliver a total spread pattern of 80 (24.4 m) or 100 feet (30.5 m) using a 100% overlap, pyramid-type pattern. Single spinner has a 65-ft. (19.8 m) total spread pattern width, using a single-pass, flat-type pattern.		
Tires	11L x 15, 8-ply tubeless		16.5L x 16.1, 8-ply tubeless 19L x 16.1, 10-ply tubeless		19L x 16.1, 10-ply tubeless
Paint	2-part, high-performance, chemical-resistant epoxy primer and a 2-part, modified high-gloss acrylic urethane paint				
Lighting	Rear turn signals, flashers and amber warning lights (meets ASAE S279 Standard)				