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# SPECIFICATIONS

WILLMAR® SIDESHOOTERS & TENDERS



Willmar WILLMAR SIDESHOOTERS & TENDERS | SPECIFICATIONS



**SPECIFICATIONS: 16- AND 24-TON SIDE SHOOTER TENDERS**

<b>Model</b>	<b>16-Ton</b>	<b>24-Ton</b>
<b>Hopper capacity-struck</b>	516 cu. ft. (14.6 m³)	774 cu. ft. (21.9 m³)
<b>Hopper capacity-heaped</b>	570 cu. ft. (16.1 m³)	885 cu. ft. (24.2 m³)
<b>Hopper compartments</b>	4	6
<b>Discharge capacity @500 rpm</b> Potash Urea Dap	4,000 lbs. (1,814 kg)/min. 2,700 lbs. (1,225)/min. 3,400 lbs. (1,542 kg)/min	
<b>Hopper dimensions</b> Length Height above truck frame Width Slope	192 in. (488 cm) 82.5 in. (209.6 cm) 96 in. (244 cm) 40° min. slope angle	288 in. (731.5 cm) 82.5 in. (209.6 cm) 96 in. (244 cm) 40° min. slope angle
<b>Hopper Material</b>	14-gauge, 409 stainless steel	
<b>Side shooter auger dimensions</b> Length Diameter	17 ft. (5.18 m) 10 in. (25 cm)	17 or 20 ft. (5.18 m) 10 in. (25 cm)
<b>Hopper and 17-ft. auger dimensions (does not include truck)</b> Discharge height Auger reach Overall length	Auger raised: 124 in. (315 cm); Auger lowered: 79 in. (200.7 cm) Auger up: 108 in. (274.3 cm); Auger down: 126 in. (320 cm) Auger in transport: 21 ft. (6.4 m)	
<b>Hopper and 20-ft. auger dimensions (does not include truck)</b> Discharge height Auger reach Overall length	Auger raised: 180.7 in. (458.9 cm); Auger lowered: 101.75 in. (258.4 cm) Auger raised: 127.56 in. (324 cm); Auger lowered: 178.83 in. (454.2 cm) Auger in transport: 21 ft. (6.4 m)	
<b>Weight empty</b>	4,940 lbs. (2,240.8 kg)	7,200 lbs. (3,265.9 kg)
<b>Paint</b>	2-part, high-performance, chemical-resistant epoxy primer and a 2-part, modified high-gloss acrylic urethane paint	
<b>Lighting</b>	Complete light kit to DOT specifications	

**SPECIFICATIONS: 10-TON AND 1600 TENDERS**

<b>Model</b>	<b>10-ton</b>	<b>1600</b>
<b>Hopper capacity-struck</b>	340 cu. ft. (9.63 m³)	500 cu. ft. (14 m³)
<b>Hopper capacity-heaped</b>	380 cu. ft. (10.76 m³)	560 cu. ft. (16 m³)
<b>Hopper compartments</b>	2 @ 170 cu. ft. (4.81 m³) each	2 @ 250 cu. ft. (7.08 m³) each
<b>Discharge capacity</b> Potash Dap Urea	3,600 lbs./min. (1,633 kg/min.) 3,200 lbs./min. (1,451.5 kg/min.) 2,400 lbs./min. (1,088.6 kg/min.)	4,000 lbs./min. (1,814.4 kg/min.) 3,370 lbs./min. (1,528.6 kg/min.) 2,745 lbs./min. (1,245.1 kg/min.)
<b>Hopper dimensions (does not include auger, tarp bow and truck)</b> Length Height above truck frame Width Slope angle	144 in. (365.8 cm) 82 in. (208.3 cm) 94 in. (238.8 cm) 40° min.	192 in. (488 cm) 87.7 in. (223 cm) 96 in. (244 cm) 30° min.
<b>Hopper material</b>	12-gauge, 409 stainless steel	14-gauge, 409 stainless steel
<b>Rear auger dimensions</b> Length Diameter	19 ft. (5.8 m) 10 in. (25 cm)	19- or 21-ft. (5.8 m or 6.4 m) 10 in. (25 cm)
<b>Hopper and auger dimensions (does not include tarp bow and truck)</b> Discharge height	<b>19-ft. Auger</b> Auger raised: 117.5 in. (298.5 cm); auger lowered: 89.5 in. (227.3 cm)	<b>19-ft. Auger</b> Auger raised: 108.25 in. (275 cm); auger lowered: 88.75 in. (225.4 cm) <b>21-ft. Auger</b> Auger raised: 117 in. (297.2 cm); auger lowered: 78.75 (200 cm)
<b>Auger reach</b>	Auger raised: 138 in. (350.5 cm); auger lowered: 107.5 in. (273.1 cm)	Auger raised: 129.5 in. (328.9 cm); auger lowered: 106 in. (269.2 cm)      Auger raised: 138 in. (350.5 cm); auger lowered: 95.5 in. (242.6 cm)
<b>Overall length</b>	Auger raised: 284.5 in. (722.6 cm); auger lowered: 300 in. (762 cm)	Auger raised: 321.5 in. (816.6 cm); auger lowered: 331 in. (840.7 cm)      Auger raised: 340 in. (863.6 cm); auger lowered: 358 in. (909.3 cm)
<b>Weight empty</b>	2,280 lbs. (1034 kg)	2,720 lbs. (1235 kg)
<b>Paint</b>	2-part, high-performance, chemical-resistant epoxy primer and a 2-part, modified high-gloss acrylic urethane paint	
<b>Lighting</b>	Complete kit to DOT specifications	