

# Side Shooter 16/24

## Rugged Durability Reliable Performance

Willmar Side Shooter tenders deliver material handling excellence through rugged durability and reliable performance. Features include 409 stainless steel multiple compartment hoppers (4 on 16 ton, 6 on 24 ton) with 40-degree sloped sides for complete product clean-out. A patented 10 in. x 17 ft. 409 stainless steel, single piece, swing-away auger offers up to 4,000 pounds-per-minute of potash unloading capacity with individual hydraulic auger controls. The front ladder provides easy access to the viewing platforms and hopper. A D.O.T. light kit and mud flaps are also standard equipment on Side Shooter tenders, as well as a durable two-component epoxy primer and two-part modified acrylic urethane paint finish which add corrosion protection for lasting value. Increase the production of your operation with a Willmar Side Shooter tender.



Model	16 Ton	24 Ton
Hopper Capacity - Struck	516 cu. ft. (14.6 cu. m)	774 cu. ft. (21.9 cu. m)
Hopper Capacity - Heaped	570 cu. ft. (16.1 cu. m)	855 cu. ft. (24.2 cu. m)
Weight	4,940 lbs. (2,240.8 kg)	7,200 lbs. (3,265.9 kg)
Hopper Length	192 in. (487.7 cm)	288 in. (731.5 cm)
Hopper Width	96 in. (243.8 cm)	96 in. (243.8 cm)
Height above Truck Frame	82.5 in. (209.6 cm)	82.5 in. (209.6 cm)
Auger Size	10 in. (25.4 cm)	10 in. (25.4 cm)
Rear Bogies	34,000 lbs. (15,422.4 kg)	•
Front Axle	12,000 lbs. (5,443.2 kg)	•
Minimum Deck Height	40 in. (101.6 cm)	40 in. (101.6 cm)
PTO Torque Capability	250 ft. lbs.	250 ft. lbs.
Pump Input Speed	2,000 rpm	2,000 rpm
Clearance – Cab to Trunnion	Min. 150 in. (381 cm)	•
Oil Flow & Pressure	(2) 25 gpm circuits – 2500 PSI	(2) 25 gpm circuits – 2500 PSI



### Slide Gate Controls

The two easy-slide stainless steel gate control handles offer individual hopper unloading. A bottom dump gate, located just below offers a large opening for pit unloading as well as a fast, easy clean out.



### Auger Control Valves

The auger control valve, located on the front left catwalk, offers the following control functions:  
 (1) separate conveyor on/off control  
 (2) auger fold/unfold control,  
 (3) auger raise/lower control.



### Side Discharge Auger

The patented 10 inch, single piece, adjustable swing-away auger, engages securely with a spring-loaded back to eliminate spillage. It can unload up to 4,000 pounds-per-minute to provide fast efficient unloading of fertilizer, feed or grain.



### Viewing Platforms

The convenient fold-up viewing platforms, standard on both the 16 and 24 ton models, provide a safe, clear view into the hopper.

## STANDARD EQUIPMENT

**Single angle:** 40-degree fast flow

**Viewing platforms:** Mounted on left side and provide easy viewing into all hoppers

**Dumping:** Both belly and rear dump capability

**Ladder:** Hopper access ladder on front left side

**Auger:** 10 in. x 17 ft. 409 stainless steel hydraulic discharge auger with hydraulic raise, lower and swing

**Auger drive:** Hydraulic

**Auger controls:** Individual hydraulic auger shut-off controls for horizontal and side discharge auger

**Hydraulic tank:** Includes 25 gallon hydraulic oil reservoir, 10 micron oil filters, relief valves, reservoir mount with fasteners, hydraulic hoses and fittings

**Light kit:** D.O.T. specifications

**Mud flaps:** Set of two with brackets

**Decals:** Set of safety, operation and maintenance decals in English, includes identification labels

**Primer:** High-performance two-component epoxy primer

**Paint:** High-performance two-part modified acrylic urethane

## OPTIONAL EQUIPMENT

**Remote mount pump with hardware:** Includes hydraulic pump, pump mounts, pump mounting bracket drive shaft, U-joint shield, fittings and fasteners

**Mounting hardware-less pump:** Includes all above mounting hardware without the pump

**Sidewinder tarp:** 96 in. x 192 in. – 16 oz. neoprene treated tarp. Opens with a turn of the crank from ground level

**Power pack:** Independent hydraulic power source run by a John Deere® diesel engine, to drive the auger and conveyor

## SIDE SHOOTER 16 & 24 TON CONFIGURATIONS

### Side Shooter 16 ton

The 16 ton Side Shooter features a 409 stainless steel 4 compartment hopper with 40-degree fast-flow sides, fold-up viewing platforms, front hopper access ladder and a 10 in. x 17 ft. 409 stainless steel hydraulic discharge auger with hydraulic raise, lower and swing. Includes individual hydraulic auger shut-off controls for horizontal and side discharge auger. Discharge speed: 4,000 lbs./min. of potash capacity, 4 bins for flexibility. Micro-nutrients, seeds, blends and straight fertilizer all on one load. Compact transport with side discharge.

### Side Shooter 24 ton

The 24 ton Side Shooter features a 409 stainless steel 6 compartment hopper with 40-degree fast-flow sides, fold-up viewing platforms, front hopper access ladder and a 10 in. x 17 ft. 409 stainless steel, hydraulic discharge auger with hydraulic raise, lower and auger with hydraulic raise, lower and swing adjustability. Includes individual hydraulic auger shut-off controls for horizontal and side discharge auger. Discharge speed: 4,000 lbs./ min. of potash capacity, 4 bins for flexibility. Micro-nutrients, seeds, blends and straight fertilizer all on one load. Compact transport with side discharge.

