Stellar® Large OTR Tire Service Trucks

9000 AG OTR

The Stellar 9000 AG OTR series, features a rugged, heavy-duty 15' steel OTR service body with over 60 cubic feet of storage.

The 9000 AG OTR is equipped with a model 9000 hydraulic knuckleboom crane. This crane is operated by a standard fully proportional radio remote control. The hexagon shaped secondary and extension boom greatly increase boom strength over competitive square-shaped booms, ensuring solid performance.

The tire sizes the 9,000 lb. crane can lift include the 36.00-51 mounted narrow base and 50/65-51 wide base tires (crane only). The performance of the 9000 OTR series can be enhanced by the addition of the TM4110 Tire Manipulator.

The TM4110 allows versatility while providing a safe method to handle a variety of OTR tires up to 110 inch diameter, or 4,600 lbs. It also offers 140° of articulation and 240° of body rotation giving the TM4119 the ability to service fleets with small to medium sized OTR tires.

Service Body Features

- Heavy duty steel construction
- Flatbody has eight (8) D-ring tie downs
- Stainless steel rotary slam latches
- Slide top doors on all tool compartments
- Recessed, skirt-mounted halogen floodlights
- Rubber mounted running lights
- Entire body is undercoated
- Calcium pump system with 400-gallon reinforced polypropylene tank and air operated fluid mixer

Crane Features

- Rotation is accomplished through a turnable bearing
- Fully proportional radio remote control
- Fully enclosed extension boom cylinder
- Hexagon-shaped secondary and extension
- Integral-mounted pump and PTO on chassis
- Load-holding counterbalance valves

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Specifications

Specifications	**9000 Crane**
Crane Rating:	90,000 ft-lbs (12.45 t-m)
Standard Boom Length:	12' 11" (3.93 m)
Boom Extension:	Hydraulic 37" (93.98 cm)
Max. Horizontal Reach:	16 ft (4.88 m)
Max. Vertical Lift:	22 ft (6.71 m)
Rotation:	290 degree power (hourglass worm gear)
Lifting Capacities:	9,000 lbs. @ 10 ft (4,082 kg @ 3.05 m) 6,950 lbs. @ 12 ft - 11 in (3,152 kg @ 3.93 m) 5,625 lbs. @ 16 ft (2,551 kg @ 4.88 m)
Power Supply Req:	PTO & Pump (Fully Proportional VB) 12 gpm @ 3000 psi (45.4 lpm @ 206 bars)
Controls:	Fully proportional radio remote standard, with manual controls on valve bank
Stowed Height:	84 in (213.36 cm)
Mounting Space Req:	42 in (107 cm)
Shipping Weight:	4,800 lbs. (2,175 kg)

Specifications	**TM4110 Tire Manipulator**
Tireman Capacity:	4,600 lbs (2,087 kg)
Clamping Span:	
• Fixed Pads	48" to 110" (122 cm to 279 cm)
• Cylinder Rotating Pads	47" to 109" (119 cm to 277 cm)
Optional Pad Extension:	29" (73.66 cm) - arms closed
Clamp Cylinders:	2.50" (6.35 cm) w/ pilot operated check valve
Tilt Cylinder:	Provided by crane extension boom
Body Rotation:	285-degree power
Rotation System:	Rotation bearing & worm driven gear box
Clamping Pad Rotation:	None – Stationary Pads
Tilt:	+85 degrees to –37 degrees
Hydraulic Controls:	Incorporated with the crane controls
Shipping Weight:	1,550 lbs (703 kg)

Compressor

SHD-66DD direct driven, mounted above deck for maintenance ease
4-cylinder, 2-stage, capable of 46 CFM @ 175 PSI

Shown with optional rack side body with vertical compartments for more storage and fold down rack.

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