

Stellar® Large OTR Tire Service Trucks

9000 OTR



The Stellar 9000 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

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

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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)

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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



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