

## LARGE OTR TIRE SERVICE TRUCK

# STELLAR® TM20165 OTR

## TECHNICAL SPECIFICATION GUIDE



**Powerful. Capable. Productive.** The Stellar® TM20165 OTR service truck fits the needs of tire service technicians who change the largest OTR tires. The TM20165 is the most powerful and capable truck-mounted tire manipulator available in the industry today. With a rated capacity of 20,000 lbs. the Stellar TM20165 is capable of handling the 59/80R63 tire and rim combination, and with over 24-feet of reach, ensures your ability to change inside duals without repositioning the truck. The tire manipulator itself features 315 degree body rotation, 360 degree continuous pad rotation, and clamping spans of 44-165 inches. With the clamping range offered by the tire manipulator, operators will have the ability to handle wheel components and complete tire and rim assemblies without the need for special adapters.



### Service Body Features

- 20' long body
- 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

### Tire Manipulator Features

- 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

# SPECIFICATIONS

## Features

- The TM20165 service body features a rugged 20-foot heavy-duty steel body with enough storage space to handle all the tools necessary for doing your job.
- Compressor options include the American Eagle® SHD-245 or a hydraulic-driven rotary screw compressor. The SHD-245 is an industrial 4-cylinder 2-stage design that produces 110 cfm at 175 psi. The optional hydraulic-driven rotary screw compressor has an output ranging from 125 -160 cfm at 150 psi.
- The remote control system used by Stellar Industries, offers precise, smooth, multifunction crane operation. The paddle handle remote control box allows the crane operator to engage multiple crane functions with the same precision as manual controls.
- The control system features operator feedback, showing the percentage of capacity currently being lifted. It also features a precision control mode, which allows full proportionality at 100%, 50% and 20% of normal crane speed. This is the most precisely controlled truck-mounted tire manipulator in the industry today.

## Specifications

### TM20165 Tire Manipulator

Capacity:	20,000 lbs @ 21' (9,070 kg @ 6.4 m)
Clamping Span:	43" to 164" (110 cm to 417 cm)
Clamp Cylinders:	5" (12.7 cm) bore w. pilot operated check valves
Tilt Cylinder:	Provided by crane extension boom
Body Rotation:	320-degree power
Rotation System:	Worm gear
Clamping Pad Rotation:	Continuous 360° power
Tilt:	+74 degrees to -27.5 degrees
Hydraulic Controls:	Incorporated with the crane controls
Shipping Weight:	10,700 lbs (4,854 kg)



Your local distributor:



For the most up to date version of this brochure, please visit [www.StellarIndustries.com](http://www.StellarIndustries.com).

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