

MODEL 165P10AR 165 TON FLOATING AUTO-RETRACT™ AXLE JACK

JACK INCLUDES:

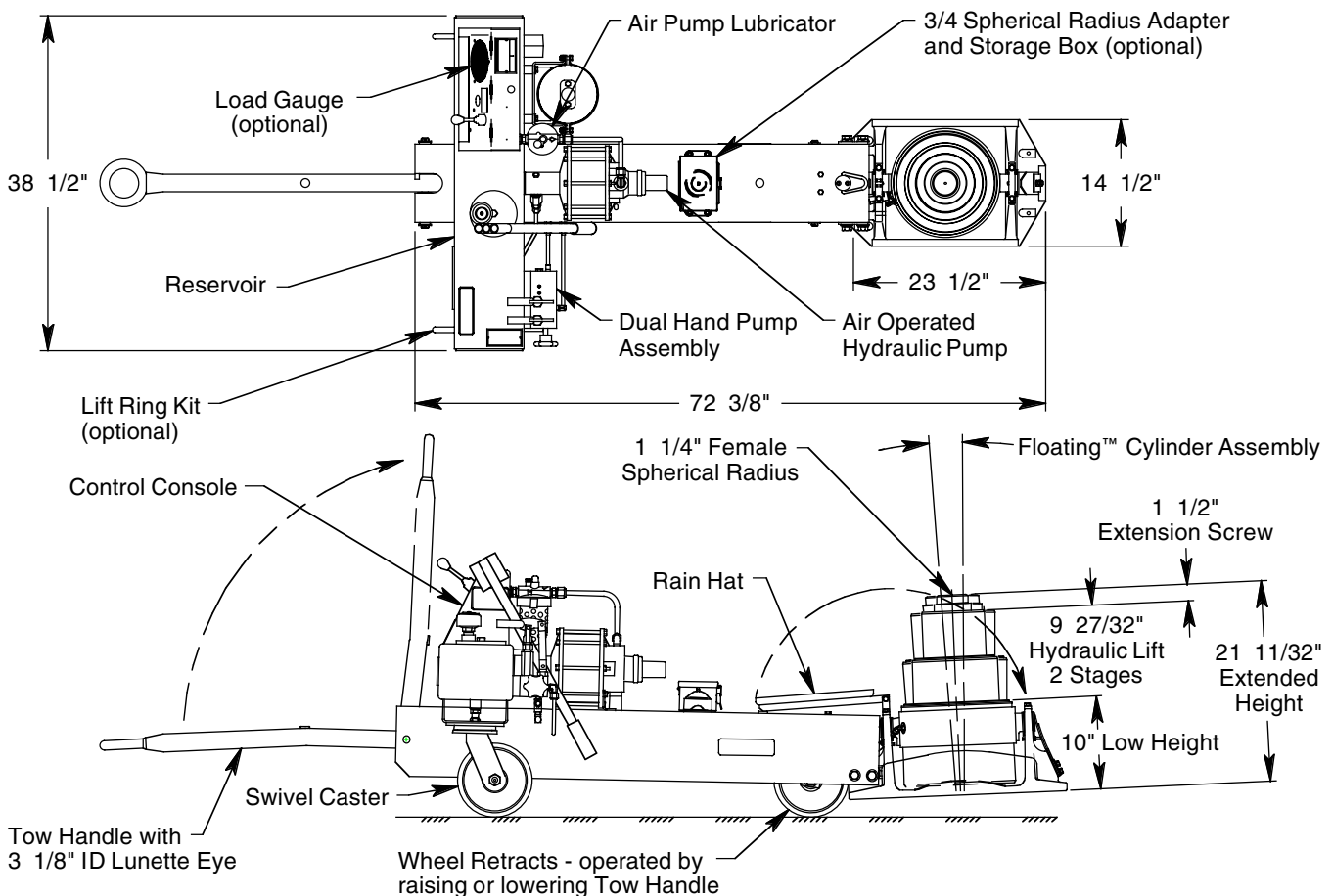
- Patented Floating™ Cylinder Assembly allows unit to track arc of landing gear jack point, eliminating excessive side loads on jack and landing gear thus providing safer operation and extending jack life
- Double Acting Auto-Retract™ Cylinder Assembly incorporates a fluid bath for sealing surfaces to minimize corrosion and extend seal life. It also includes Skydrol resistant seals for longer service life
- Auto-Retract™ Plungers remain fully retracted while jack is being towed or in storage to protect against corrosion, contaminants and accidental damage
- Single Valve Control for simple and easy aircraft raising, lowering and Auto-Retract™. Jack retracts to full retracted position automatically which provides for easy removal from under aircraft jack point after each operation
- Control Console with all controls conveniently mounted for ease of operation
- 8" diameter Heavy Duty Swivel Casters and Retractable Front Wheel with Skydrol resistant tread. The tow handle actuated Front Wheel provides improved ground clearance for towing
- Hydraulic Fuse at the cylinder assembly prevents lowering of load in the event of a hose failure

- Two Manual Hand Pumps (one high pressure, low volume and one low pressure, high volume)
- Air Operated Hydraulic Pump and Air Line Lubricator
- Oil Filter Cap with filtered air vent and dipstick
- Rain Hat (covers cylinder assembly)
- Hard Chrome Plated Cylinder and Plunger Bores
- All unpainted parts are plated to resist corrosion
- Skydrol Resistant Paint (safety yellow)
- Factory Proof Load @ 225 tons
- 1 Year Warranty
- Shipping Skid

STANDARD OPTIONS:

- Load Gauge for load indication (reads tons/psig)
- Ship Adapter (3/4" female spherical radius) and storage box
- Lift Ring Kit (provides lift points to lift jack assembly)

Model 165P10AR is built to withstand harsh environmental conditions, rugged use and to provide many years of continuous service. Our customers are guaranteed a quality product with each purchase and are assured of our continued product support whenever and wherever the need arises.



See Reverse Side for Specifications, Options, Aircraft Applications & Shipping Data

MODEL 165P10AR

165 TON FLOATING AUTO-RETRACT™ AXLE JACK

SPECIFICATIONS

Rated Capacity:	165 tons (150.1 m. tons)
Low Height:	10.0 inches (254 mm)
Low Height with Optional Ship Adapter:	11.25 inches (286 mm)
Hydraulic Lift:	9.84 inches (250 mm)
Extension Screw:	1.50 inches (38 mm)
Total Extended Height:	21.34 inches (542 mm)
Total Extended Height with Optional	
Ship Adapter:	22.6 inches (574 mm)
Base Width:	14.5 inches (368.3 mm)
Cylinder Diameter:	12.0 inches (304.8 mm)
Oil Pressure at Rated Capacity:	7230 psig (508 kg/sq cm)
Primary Pop-off Valve set at:	181.5 tons (164.7 m. tons)
Secondary Pop-off Valve set at:	189.8 tons (172.2 m. tons)
Proof Load:	225 tons (204.1 m. tons)
Floor Loading at Rated Capacity:	1095 psi (77.0 kg/sq cm)
Reservoir Capacity:	5.8 gallons (22.0 liters)
Hydraulic Fluid:	MIL-H-5606 or equivalent
Maximum Towing Speed:	5 mph (8 km/h)
Approximate Jack Net Weight:	850 lbs (286 kg)

MODEL 165P10AR TYPICAL AIRCRAFT APPLICATIONS

Main Landing Gear	Nose Landing Gear
A380-800 / -800F / -900	A380-800 / -800F / -900
<p>NOTE: Use optional 3/4 spherical radius cup for the following aircraft, Main Landing Gear only:</p> <p>A300, A310, A319, A320, A321, A330-300, A340-200 / -300, A340-500 / -600, B767-400ER, B777-200 / -300 / -300ER, MD11, DC10, L1011</p>	

OPTIONAL EQUIPMENT CODES: (Specify at time of order)

- GA: Load Gauge
- LK: Lift Ring Kit (provides lift points to lift jack assembly)
- SA: Ship Adapter P/N 886627 (3/4" female spherical radius)

JACK ACCESSORIES: (Order separately)

- 165P10ARPK: Repair Kit
- 871420: Tire Slave Kit (to operate air operated hydraulic pump from aircraft tire)
- 886700: Model 8867 165 Ton Axle Jack Transporter (trailer for long distance, high speed towing)

SHIPPING DATA

NOTE: Unless otherwise specified, Model 165P10AR jack is shipped on a wood skid and enclosed in a wood crate.

Length inch (mm)	Width inch (mm)	Height inch (mm)	Weight lbs (kg)
82 (2083)	45 (1143)	42 (1067)	1050 (476)