

## MODEL 65P10AR 65 TON FLOATING AUTO-RETRACT™ AXLE JACK

### JACK INCLUDES:

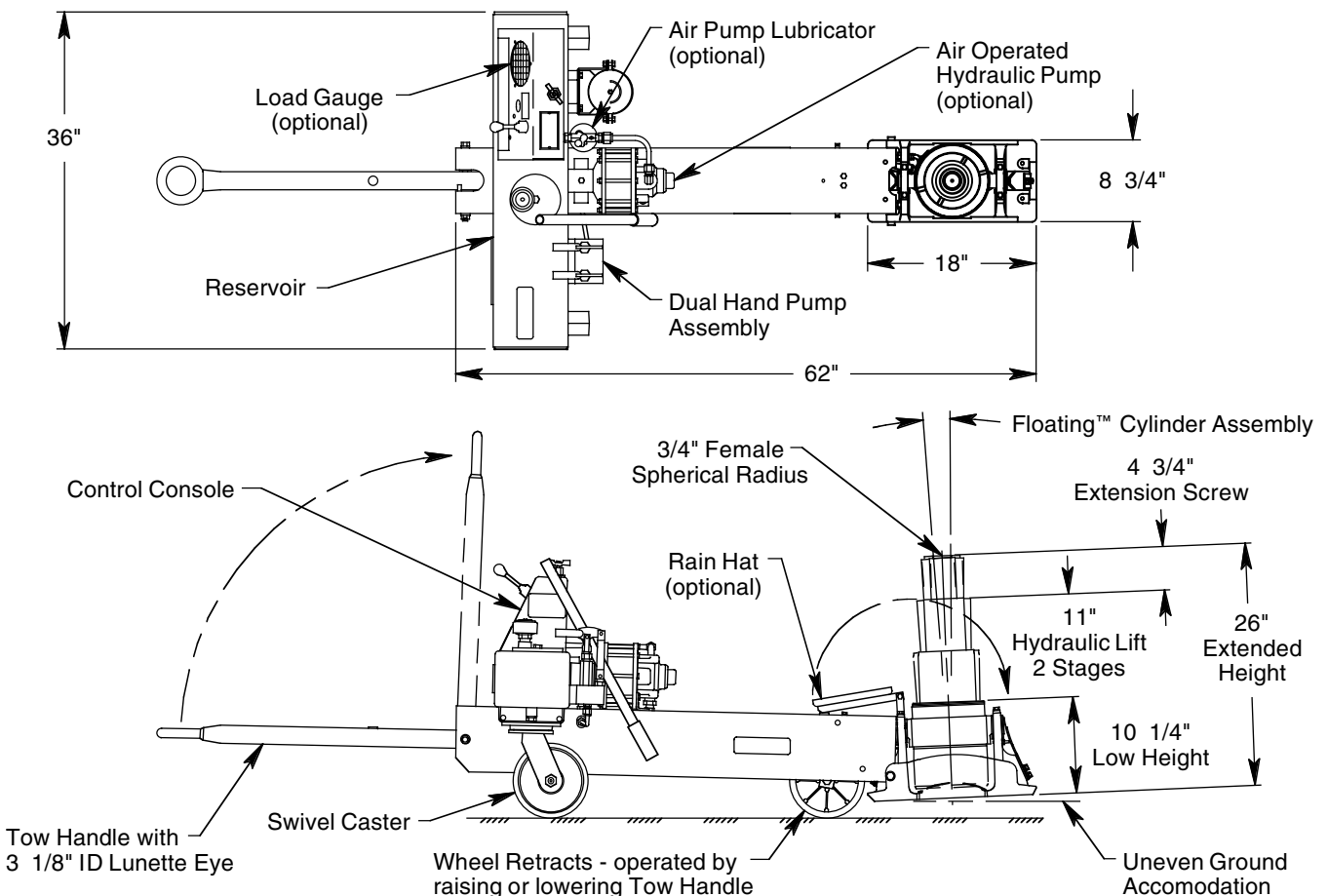
- Patented Floating™ Cylinder Assembly allows unit to track arc of landing gear jack point, eliminating excessive side loads on jack and landing gear thus providing safer operation and extending jack life
- Double Acting Auto-Retract™ Cylinder Assembly incorporates a fluid bath for sealing surfaces to minimize corrosion and extend seal life. It also includes Skydrol resistant seals and bronze upper bearings 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)
- Oil Filter Cap with filtered air vent and dipstick
- Hard Chrome Plated Cylinder and Plunger Bores
- All unpainted parts are plated to resist corrosion
- Skydrol Resistant Paint (safety yellow)
- Factory Proof Load @ 150% of rated capacity
- 1 Year Warranty
- Fully Enclosed Shipping Container with Skid

### STANDARD OPTIONS:

- Air Operated Hydraulic Pump
- Load Gauge for load indication (reads tons/psig)
- Air Line Lubricator (for air operated hydraulic pump)
- Rain Hat (covers cylinder assembly)

Model 65P10AR 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 65P10AR 65 TON FLOATING AUTO-RETRACT™ AXLE JACK

## SPECIFICATIONS

Rated Capacity: 65 tons (59.0 m. tons)  
 Low Height: 10.25 inches (260 mm)  
 Hydraulic Lift: 11 inches (279 mm)  
 Extension Screw: 4.75 inches (121 mm)  
 Total Extended Height: 26 inches (660 mm)  
 Base Width: 8.75 inches (222 mm)  
 Cylinder Diameter: 8 inches (203 mm)  
 Oil Pressure at Rated Capacity: 7000 psig (492 kg/sq cm)  
 Safety Pop-off Valve set at: 68.9 tons (62.5 m. tons)  
 Proof Load: 97.5 tons (88.5 m. tons)  
 Floor Loading at Rated Capacity: 825 psi (58 kg/sq cm)  
 Reservoir Capacity: 5.5 gallons (20.8 liters)  
 Hydraulic Fluid: MIL-H-5606 or equivalent  
 Maximum Towing Speed: 5 mph (8 km/h)  
 Approximate Jack Net Weight: 500 lbs (227 kg)

## MODEL 65P10AR TYPICAL AIRCRAFT APPLICATIONS

| Main Landing Gear  | Nose Landing Gear  |
|--|--|
| A300, A310, A319, A320, A321, A330<br>A340, B707, B717, B720, B727, B737<br>B747, B757, B767, DC8, DC10, L1011<br>MD11 | A300, A310, A330, A340, B727, B747,<br>B757, B767, DC10, L1011<br>MD11 |

### OPTIONAL EQUIPMENT CODES: (Specify at time of order)

AP: Air Operated Hydraulic Pump  
 GA: Load Gauge  
 LU: Lubricator (requires air operated hydraulic pump)  
 RH: Rain Hat  
 SPC: Special Paint Color (yellow is standard)

### JACK ACCESSORIES: (Order separately)

65P10ARPK: Repair Kit  
 871420: Tire Slave Kit (to operate air operated hydraulic pump from aircraft tire)  
 880470: Lift Ring Kit (provides three lift points to lift jack assembly)  
 881700: Model 8817 Universal Axle Jack Transporter (trailer for long distance, high speed towing)  
 873828: Extender Kit (for B747-400ER NLG)

## SHIPPING DATA

NOTE: Unless otherwise specified, Model 65P10AR jack is shipped on a wood skid with an enclosed cover. Refer to Malabar Axle Jack Shipping Supplement for additional packaging information.

| Length<br>inch (mm) | Width<br>inch (mm) | Height<br>inch (mm) | Weight<br>lbs (kg) |
|---------------------|--------------------|---------------------|--------------------|
| 70 (1778)           | 45 (1143)          | 39 (991)            | 560 (254)          |

**MALABAR International**

Issue: 5/09

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