

# 30 Ton Fixed Height Tripod Jack

## Model 8864

The Model 8864 Fixed Height Tripod Jack is a 30 ton capacity, two stage hydraulic jack designed primarily for use in aircraft maintenance. It consists of a tripod structure, hydraulic cylinder assembly, reservoir, valve block assembly, hand pump assembly, tow handle, air pump, adjustable swivel foot with hydraulic caster and shock absorber and ladder.

The jack leg pads are raised off the ground by hydraulic casters. The casters will retract and the pads rest on the ground when a load is applied to the jack.

Model 8864 is built to withstand harsh environmental conditions and 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.

### Standard Features:

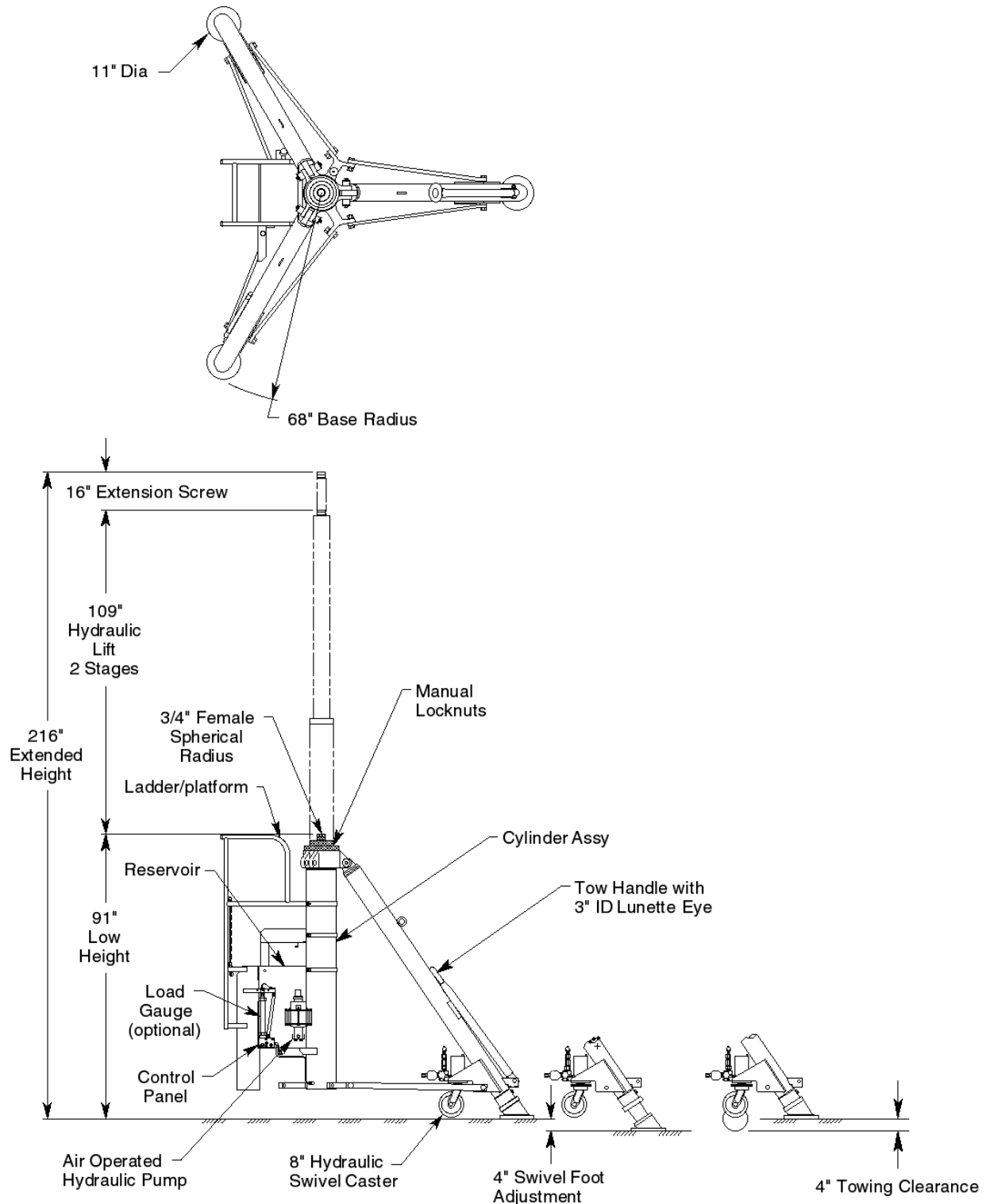
- Manual hand pump with high, medium and low pressure operating positions
- Heavy duty tow handle and swivel casters with swivel locks for improved towing
- Hydraulic "Thermal" relief valve for added protection and safety in the event of internal fluid expansion due to temperature
- Secondary cylinder seal for protection against contaminants and to prolong life of primary seal
- Rain hat (covers jack upper head)
- Hard chrome plated cylinder bore
- All unpainted parts are plated to resist corrosion
- Skydrol resistant paint (safety yellow)
- Factory proof load @ 150% of rated capacity
- Air operated hydraulic pump
- Ladder/Platform
- Hydraulic operated casters provide ease in jack leveling and increased ground clearance for towing
- Three year standard warranty
- Shipment on domestic skid

### Optional Features:

- Load gauge for load indication (reads tons/psig)
- Export crating
- Customer specified paint color

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For more information contact: [sales@malabar.com](mailto:sales@malabar.com)

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### Specifications:

Rated Capacity .....	30 tons (27.3 m. tons)
Side Load.....	15% of vertical load
Roll Under Height .....	92.5 inches (2350 mm)
Low Height.....	91 inches (2311 mm)
Hydraulic Lift.....	109 inches (2769 mm)
Extension Screw .....	16 inches (406 mm)
Total Extended Height.....	216 inches (5486 mm)
Oil Pressure at Rated Capacity .....	2420 psig (170 kg/sq cm)
Safety Pop-off Valves:	
System Relief Valve set at .....	33 tons (29.9 m. tons)
Thermal Relief Valve set at .....	37.5 tons (34.0 m. tons)
Proof Load .....	45 tons (40.8 m. tons)
Reservoir Capacity .....	26 gallons (98.4 liters)
Hydraulic Fluid.....	MIL-PRF-5606 or equivalent
Maximum Towing Speed.....	5 mph (8 km/h)
Approximate Jack Net Weight.....	1900 lbs (862 kg)

<b>Model 8864 Typical Aircraft Applications:</b>
<b>Forward Fuselage</b>
A300, A310, A330, A340, A350-900, A350-1000, B747, B747-8, B757, B767, B777, B787, DC10, MD11, L1011

### Optional Equipment Codes:

*(Specify with order)*

- GA: Load Gauge
- SPC: Special Paint Color (yellow is standard)
- 8864PK: Repair Kit

### Packaging Codes & Options:

*(Specify with order)*

- KD: Domestic Skid – Jack Knocked Down
- ECKD: Export Crate – Jack Knocked Down (Additional Cost)

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### Shipping Data:

NOTE: Unless otherwise specified, Model 8864 jack is shipped on a wood skid in the knocked down condition. Refer to Malabar Tripod Jack Shipping Supplement for additional packaging information.

Packaging Code	Length inches (mm)	Width inches (mm)	Height inches (mm)	Weight lbs (kg)
KD	124 (3150)	40 (1016)	56 (1422)	2100 (953)
ECKD	126 (3200)	45 (1143)	59 (1499)	2500 (1134)