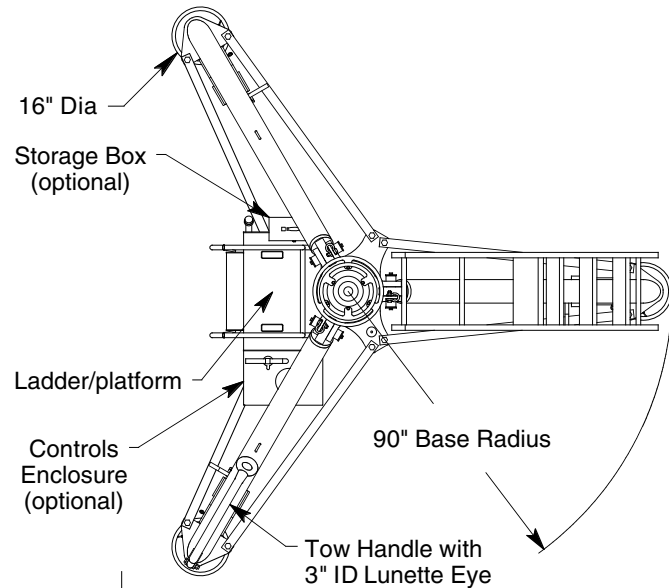


**MODEL 8863**  
**120 TON FIXED HEIGHT TRIPOD JACK**



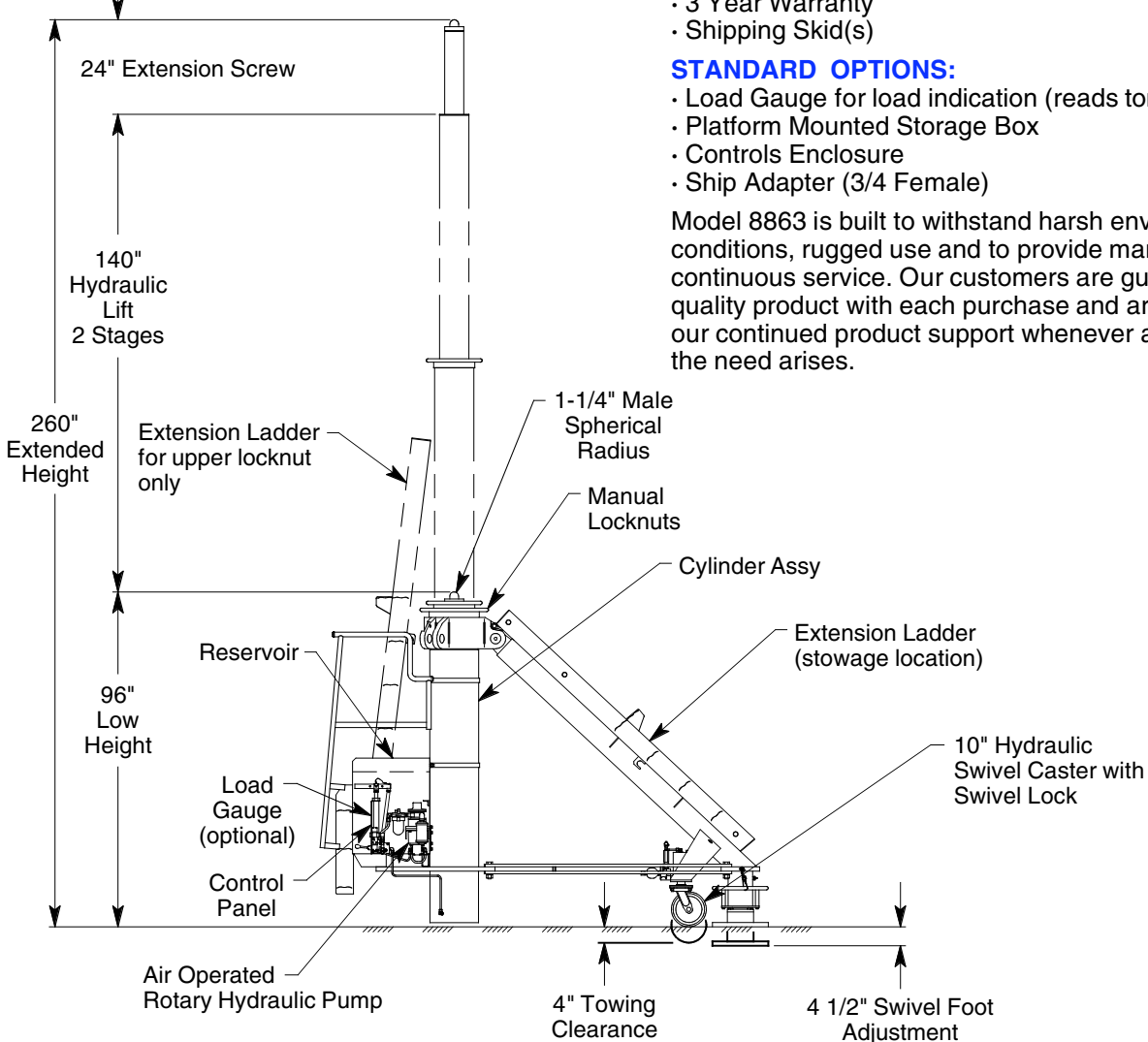
**JACK INCLUDES:**

- 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
- Air Operated Rotary Hydraulic Pump
- Hydraulic Operated Casters provide ease in jack leveling and increased ground clearance for towing
- Adjustable Swivel Feet with Level for leveling jack
- Rain Hat (covers jack upper head)
- Ladders/platform
- 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
- 3 Year Warranty
- Shipping Skid(s)

**STANDARD OPTIONS:**

- Load Gauge for load indication (reads tons/psig)
- Platform Mounted Storage Box
- Controls Enclosure
- Ship Adapter (3/4 Female)

Model 8863 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 8863

## 120 TON FIXED HEIGHT TRIPOD JACK

### SPECIFICATIONS

Rated Capacity: 120 tons (108.9 m. tons)  
 Side Load: 15% of vertical load  
 Roll Under Height: 97.5 inches (2476 mm)  
 Low Height: 96 inches (2438 mm)  
 Hydraulic Lift: 140 inches (3556 mm)  
 Extension Screw: 24 inches (610 mm)  
 Total Extended Height: 260 inches (6604 mm)  
 Oil Pressure at Rated Capacity: 3570 psig (251 kg/sq cm)  
 Safety Pop-off Valves  
 System Relief Valve set at: 132 tons (119.8 m. tons)  
 Thermal Relief Valve set at: 150 tons (136.1 m. tons)  
 Hydraulic Caster Relief Valves set at: 900 psig (63.3 kg/sq cm)  
 Proof Load: 180 tons (163.3 m. tons)  
 Reservoir Capacity: 60 gallons (227 liters)  
 Hydraulic Fluid: MIL-H-5606 or equivalent  
 Maximum Towing Speed: 5 mph (8 km/h)  
 Approximate Jack Net Weight: 6500 lbs (2948 kg)

### MODEL 8863 TYPICAL AIRCRAFT APPLICATIONS

Universal Wing or Body

A300, A310, A318, A319, A320, A321, A330, A340, B747, B747-8, B757\*, B767, B777, B787, DC10, MD11, L1011

\*Specify 3/4" Female Spherical Radius Ship Adapter p/n 73318-1 for this application

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

GA: Load Gauge  
 SB: Storage Box  
 SA: Ship Adapter (73318-1) (Requires SB option)  
 EN: Enclosure  
 SPC: Special Paint Color (yellow is standard)  
 8863PK: Repair Kit

### PACKAGING CODES & OPTIONS: (Specify at time of order)

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

### SHIPPING DATA

NOTE: Unless otherwise specified, Model 8863 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 inch (mm)	Width inch (mm)	Height inch (mm)	Weight lbs (kg)	Total Weight lbs (kg)
KD (leg skid)	120 (3048)	40 (1016)	36 (914)	3000 (1361)	7200 (3266)
	(cylinder skid)	100 (2540)	56 (1422)	60 (1524)	
ECKD (leg crate)	122 (3099)	45 (1143)	39 (991)	3300 (1497)	7900 (3583)
	(cylinder crate)	102 (2591)	61 (1549)	63 (1600)	