

# 12 Ton Tripod Jack for Business Jets

## Model 8962



The Model 8962 Tripod Jack is a 12 ton capacity two stage hydraulic jack designed for use in aircraft maintenance. It consists of a tripod structure with integrated dual-leg reservoirs, hydraulic cylinder assembly, hand pump, swivel casters, locknuts with handwheels and optional air pump with remote air inlet for remote air manifold operational control and a deadman air valve for individual jack operation.

A separate Air Manifold Kit part number 712020-3 may be purchased for remote air pump operational control. This Air Manifold Kit can operate three jacks utilizing a single air source.

The jack leg pads are raised off the ground by spring loaded casters. The casters will retract under loading, allowing the footpads to contact the ground during jacking operations.

The Model 8962 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:

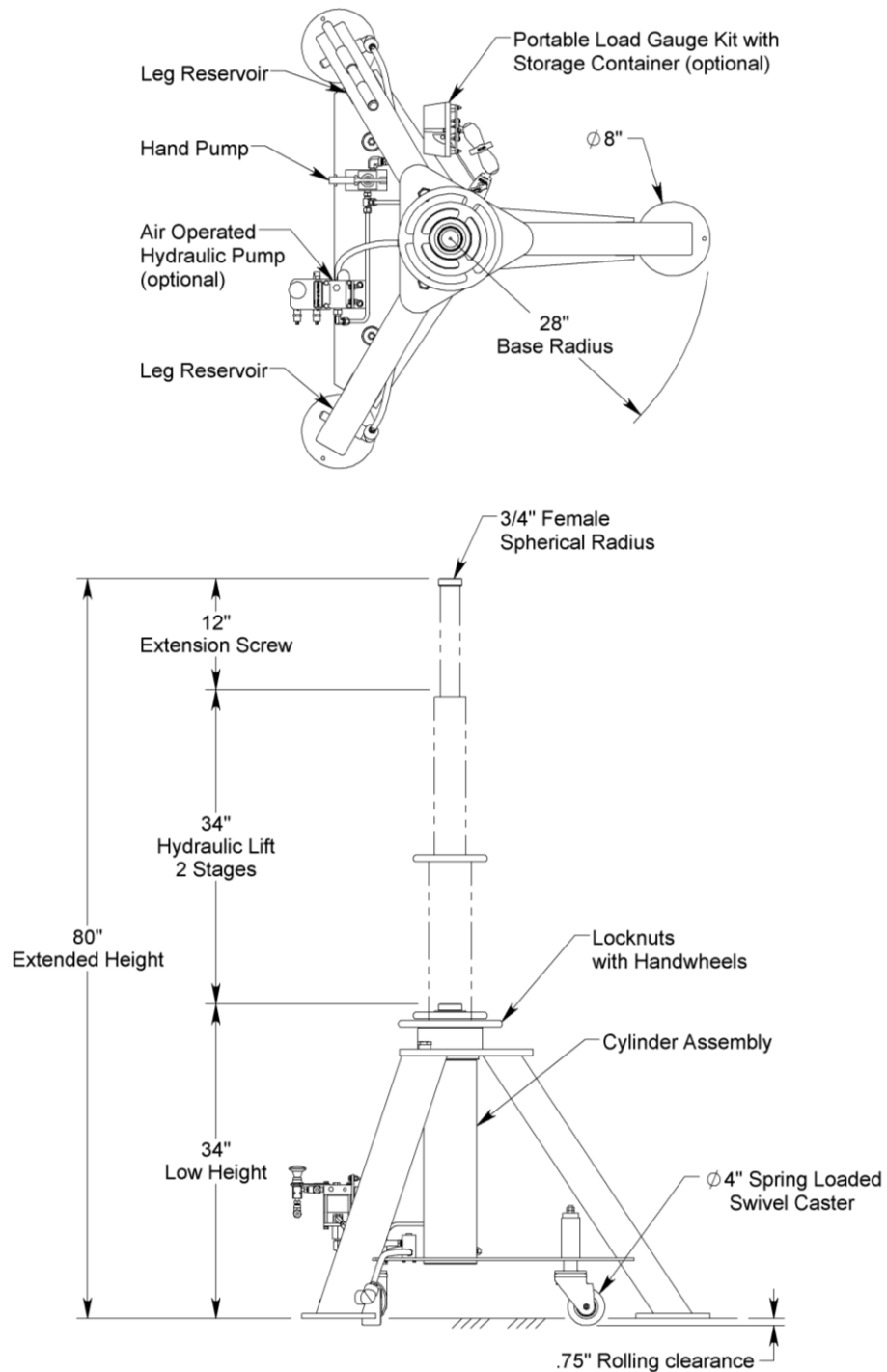
- Rugged tubular steel frame
- Manual hand pump
- Spring loaded swivel casters for smooth jack maneuverability
- Locknuts with handwheels
- Secondary cylinder seal for protection against contaminants and to prolong life of primary seal
- Hard chrome plated cylinder bore
- All unpainted parts are plated to resist corrosion
- Skydrol resistant paint (white)
- Factory proof load @ 150% of rated capacity
- Shipment on domestic skid
- Three year standard warranty

### Optional Features:

- Air operated hydraulic pump
- Portable load gauge kit with storage container
- Customer-specified paint color
- Export crating

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

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### Specifications:

Rated Capacity .....	12 tons (10.9 m. tons)
Side Load.....	15% of vertical load
Roll Under Height .....	34.8 inches (884 mm)
Low Height.....	34 inches (864 mm)
Hydraulic Lift.....	34 inches (864 mm)
Extension Screw.....	12 inches (305 mm)
Total Extended Height.....	80 inches (2032 mm)
Oil Pressure at Rated Capacity .....	.2173 psig (153 kg/cm <sup>2</sup> )
Safety Pop-off Valve set at.....	13.2 tons (12.0 m. tons)
Proof Load .....	18.0 tons (16.3 m. tons)
Reservoir Capacity .....	2.40 Gallons (9.08 liters)
Hydraulic Fluid.....	MIL-PRF-5606 or equivalent
Approximate Jack Net Weight.....	424 lbs (192 kg)

### **Model 8962 Typical Aircraft Applications:**

#### **Nose & Wing**

Embraer Legacy 450/500/600/650

### Optional Equipment Codes:

(Specify with order)

- AP: Air Operated Hydraulic Pump
- LGK: Portable Load Gauge Kit with Storage Container
- SPC: Special paint color
- 8962PK: Repair Kit
- EC: Export crating

### Accessory:

(Specify with order)

- Air Manifold Kit p/n 712020-3 (Quantity one is required to operate three jacks)

### **Shipping Data:**

<b>Packaging</b>	<b>Length</b> inches (mm)	<b>Width</b> inches (mm)	<b>Height</b> inches (mm)	<b>Weight</b> lbs (kg)
Domestic Skid	52 (1321)	46 (1168)	39 (991)	470 (213)
Export Crating	54 (1372)	51 (1295)	42 (1067)	510 (231)