

# 12 Ton Tripod Jack for Business Jets

## Model 8942A



The Model 8942A Tripod Jack is a 12 ton capacity single 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, locknut with handwheel 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 8942A 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:**

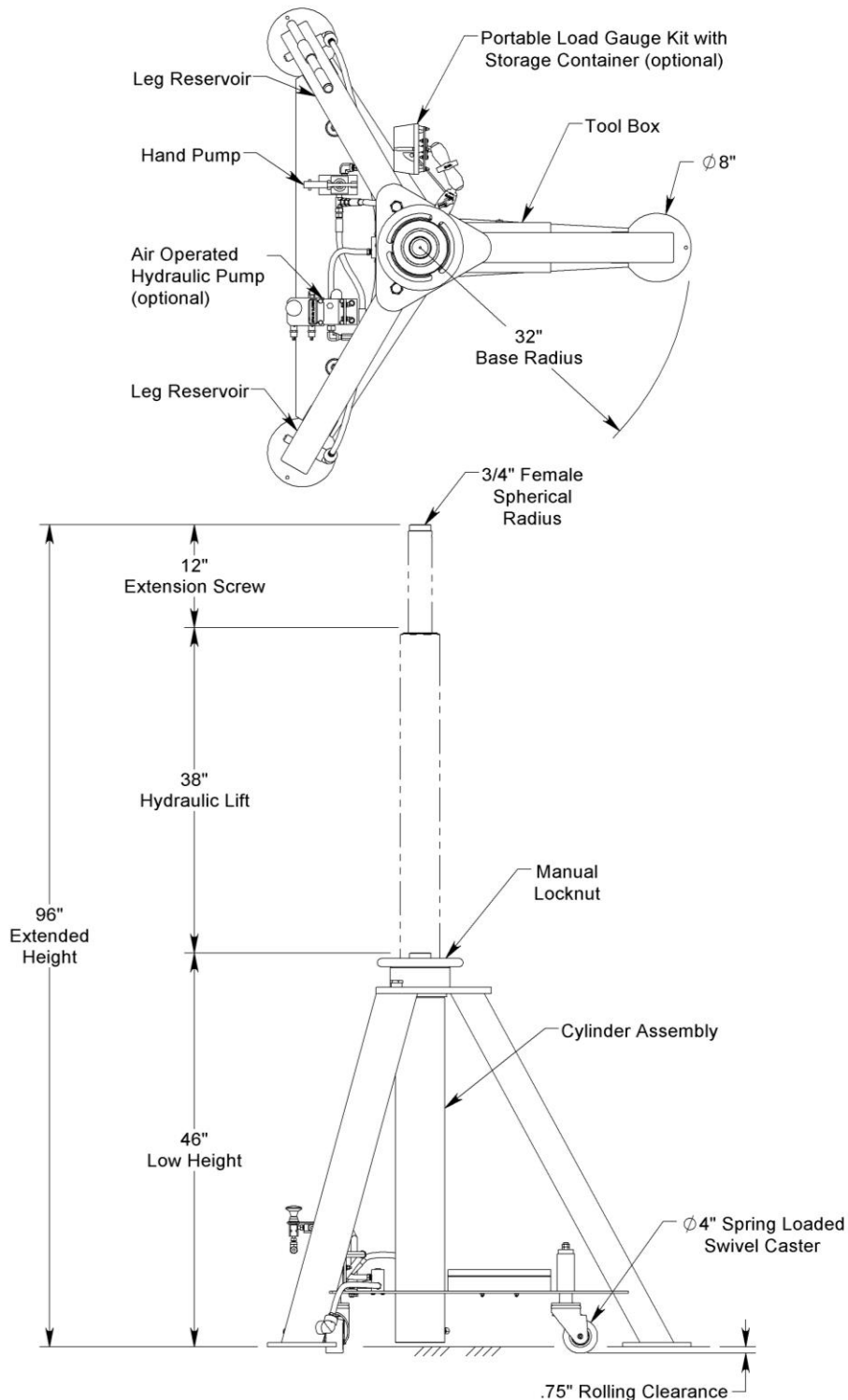
- Rugged tubular steel frame
- Manual hand pump
- Spring loaded swivel casters for smooth jack maneuverability
- Locknut with handwheel
- Secondary cylinder seal for protection against contaminants and to prolong life of primary seal
- Hard chrome plated cylinder bore
- All unpainted parts are plated 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 .....	46.8 inches (1189 mm)
Low Height.....	46 inches (1168 mm)
Hydraulic Lift.....	38 inches (965 mm)
Extension Screw.....	12 inches (305 mm)
Total Extended Height.....	96 inches (2438 mm)
Oil Pressure at Rated Capacity .....	1222 psig (86 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 .....	3.4 Gallons (12.8 liters)
Hydraulic Fluid.....	MIL-PRF-5606 or equivalent
Approximate Jack Net Weight.....	587 lbs (266 kg)

### Model 8942A Typical Aircraft Applications:

#### Nose

GIV, G400, G450, GV, G500, G550, G600, G650, Global Express 5000/6000/7000/8000

### Optional Equipment Codes:

*(Specify with order)*

- AP: Air Operated Hydraulic Pump
- LGK: Portable Load Gauge Kit with Storage Container
- SPC: Special paint color
- 8942APK: 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:

Packaging	Length inches (mm)	Width inches (mm)	Height inches (mm)	Weight lbs (kg)
Domestic Skid	58 (1473)	53 (1346)	50 (1270)	650 (295)
Export Crating	60 (1524)	58 (1473)	53 (1346)	690 (313)