

40 Ton Universal Tripod Jack

Model 8970



The Model 8970 Tripod Jack is a 40 ton capacity single stage hydraulic jack designed for use in aircraft maintenance. The 8970 also features a mechanical extension with integrated lifting ring allowing for use on aircraft with significantly differing jack point elevations. It consists of a tripod structure with hydraulic cylinder assembly, operator platform, foot-actuated pneumatic pump, load gauge, hand pump, height adjustable swivel casters, height adjustable leveling footpads, and cast steel locknut with handwheel.

The jack is supported by three adjustable spring loaded swivel casters for transport and positioning. When the jack is properly positioned, the adjustable footpads are lowered to meet the ground. The 8970 can be deployed rapidly and effectively on flat or uneven surfaces.

The Model 8970 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:

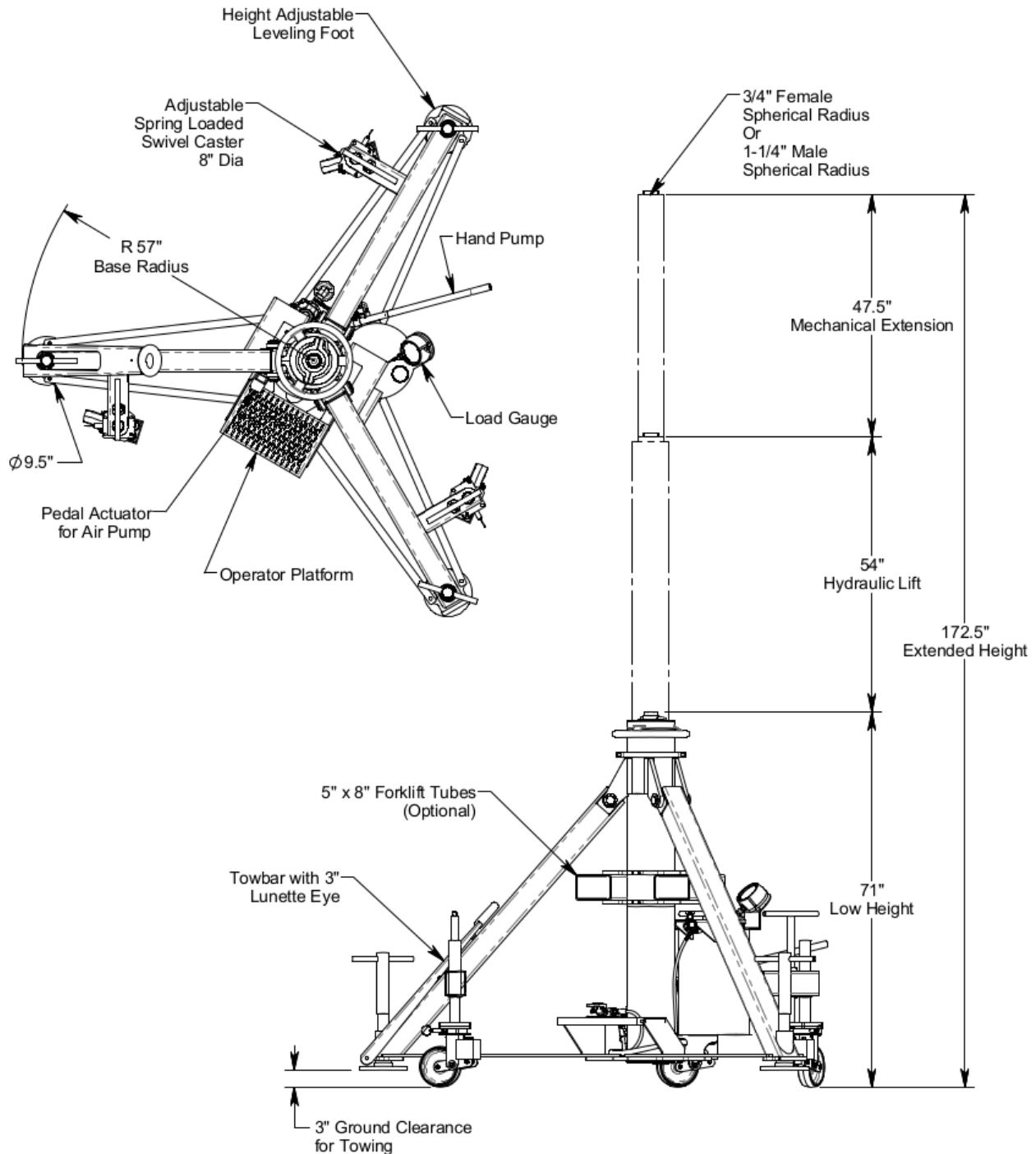
- Operator platform
- Foot-actuated pneumatic pump
- Manual hand pump
- Adjustable spring loaded swivel casters for smooth jack maneuverability
- Height adjustable leveling foot pads and bubble level
- Extended tripins for use with Malabar test fixture
- Load gauge (reads tons/psig)
- Cast steel locknut with handwheel
- Towbar with 3" lunette eye, can be fitted to any leg
- Secondary cylinder seal for protection against contaminants and to prolong life of primary seal
- Hard chrome plated cylinder bore
- 3 year warranty
- Shipping on domestic skid

Optional Features:

- Forklift tubes
- Customer specified paint color
- Export crating

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For more information contact: sales@malabar.com

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Specifications:

Rated Capacity	40 tons (36.2 m. tons)
Side Load.....	15% of vertical load
Low Height.....	71 inches (1,810 mm)
Hydraulic Lift.....	54 inches (1,370 mm)
Mechanical Extension.....	47.5 inches (1,210 mm)
Total Extended Height.....	125 / 172.5 inches (3.18 / 4,380 mm)
Oil Pressure at Rated Capacity.....	1,696 psig (120 kg/cm ²)
Safety Pop-off Valve set at.....	44.0 tons (39.9 m. tons)
Proof Load	60.0 tons (54.4 m. tons)
Reservoir Capacity	13.1 Gallons (49.7 liters)
Hydraulic Fluid.....	MIL-PRF-5606 or equivalent
Approximate Jack Net Weight.....	2,300 lbs (1,043 kg)

Model 8970 Typical Aircraft Applications:

Wing

B737, A320

Optional Equipment Codes:

(Specify with order)

- SPC: Special paint color
- 8970PK: Repair Kit
- EC: Export crating

Shipping Data:

Packaging	Length inches (mm)	Width inches (mm)	Height inches (mm)	Weight lbs (kg)
Domestic Skid	80 (2,030)	70 (1,780)	39 (1,000)	2,500 (1,134)
Export Crating	82 (2,080)	72 (1,830)	42 (1,070)	2,600 (1,179)