

25 Ton Fixed Height Tripod Jack

Model 703

The Model 703 Fixed Height Tripod Jack is a 25 ton capacity, single 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 and swivel casters.

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

Model 703 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:

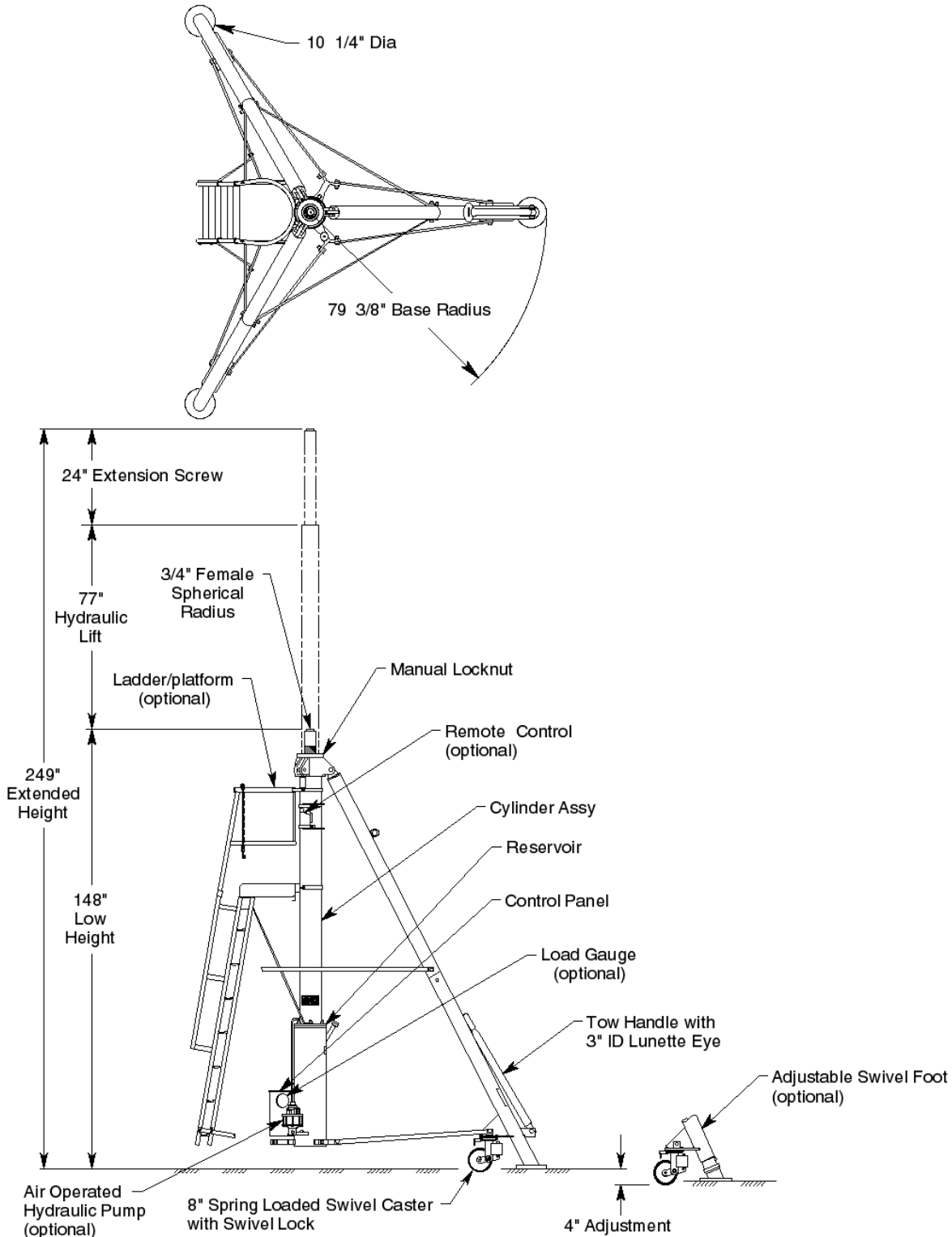
- Manual hand pump with high, medium and low pressure operating positions
- Heavy duty tow handle and swivel casters with swivel locks for improved towing
- Hydraulic "thermal" relief valve for added protection and safety in the event of internal fluid expansion due to temperature
- Secondary cylinder 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
- Three year standard warranty
- Shipment on domestic skid

Optional Features:

- Air operated hydraulic pump
- Load gauge for load indication (reads tons/psig)
- Adjustable swivel feet with level for leveling jack
- Ladder/Platform
- Remote control
- Export crating
- Customer specified paint color

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For more information contact: sales@malabar.com

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Specifications:

Rated Capacity.....	25 tons (22.7 m. tons)
Side Load.....	15% of vertical load
Roll Under Height.....	149.5 inches (3797 mm)
Low Height.....	148 inches (3759 mm)
Hydraulic Lift.....	77 inches (1956 mm)
Extension Screw.....	24 inches (610 mm)
Total Extended Height.....	249 inches (6325 mm)
Oil Pressure at Rated Capacity.....	1620 psig (114 kg/sq cm)
Safety Pop-off Valves:	
System Relief Valve set at.....	27.5 tons (25.0 m. tons)
Thermal Relief Valve set at.....	31.3 tons (28.4 m. tons)
Proof Load.....	37.5 tons (34.0 m. tons)
Reservoir Capacity.....	12.5 gallons (47.3 liters)
Hydraulic Fluid.....	MIL-PRF-5606 or equivalent
Maximum Towing Speed.....	5 mph (8 km/h)
Approximate Jack Net Weight.....	2300 lbs (1043 kg)

Model 703 Typical Aircraft Applications:

Mid Wing

B747, B747SP, B767

Optional Equipment Codes:

(Specify with order)

- AP: Air Operated Hydraulic Pump
- GA: Load Gauge
- AF: Adjustable Swivel Foot
- LA: Ladder/Platform
- RC: Remote Control
- SPC: Special Paint Color (yellow is standard)
- 703PK: 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 703 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	160 (4064)	40 (1016)	56 (1422)	2600 (1179)
ECKD	162 (4115)	45 (1143)	59 (1499)	3000 (1361)