

60 Ton Variable Height Tripod Jack

Model 761



The Model 761 Variable Height Tripod Jack is a 60 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. The casters will retract and the pads rest on the ground when a load is applied to the jack.

Model 761 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.

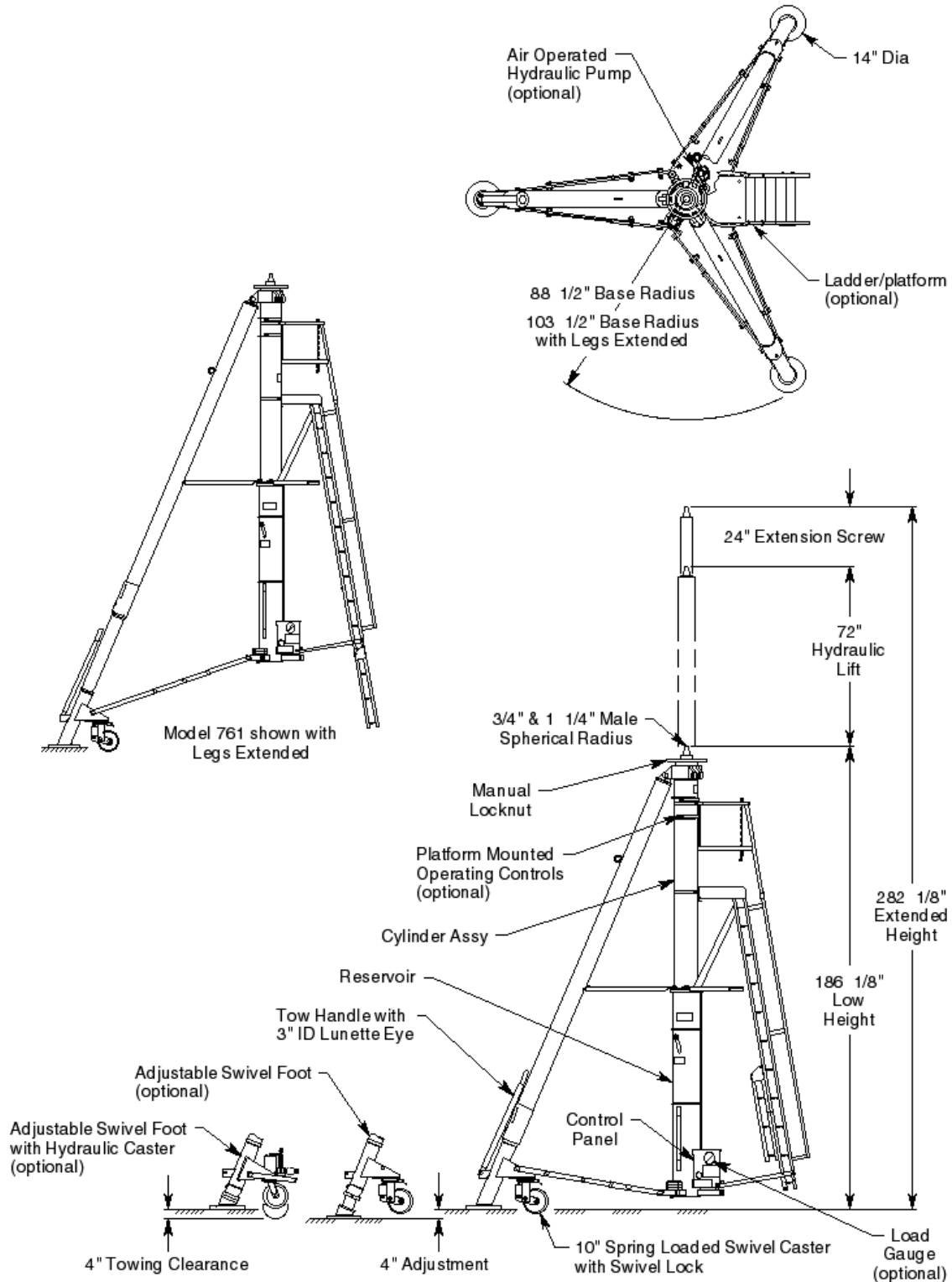
Standard Features:

- 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
- 3 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
- Hydraulic operated casters provide ease in jack leveling and increased ground clearance for towing
- Platform mounted operating controls allow one person to position locknut while controlling lifting and lowering operations
- Ladder/Platform
- Export crating
- Customer specified paint color

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For more information contact: sales@malabar.com

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Specifications:

Rated Capacity 60 tons (54.5 m. tons)
 Side Load 15% of vertical load
 Roll Under Height add 1.5 inches (38 mm) to low heights
 Low Height 186.1 inches (4727 mm)
 Low Height with Legs Extended221.6 inches (5629 mm)
 Hydraulic Lift 72 inches (1829 mm)
 Extension Screw 24 inches (610 mm)
 Total Extended Height 282.1 inches (7165 mm)
 Total Extended Height with Legs Extended.....317.6 inches (8067 mm)
 Oil Pressure at Rated Capacity 2430 psig (171 kg/sq cm)
 Safety Pop-off Valves:
 System Relief Valve set at 66 tons (59.9 m. tons)
 Thermal Relief Valve set at75 tons (68.0 m. tons)
 Proof Load.....90 tons (81.6 m. tons)
 Reservoir Capacity 20.6 gallons (78 liters)
 Hydraulic Fluid MIL-PRF-5606 or equivalent
 Maximum Towing Speed 5 mph (8 km/h)
 Approximate Jack Net Weight 4400 lbs (1996 kg)

Model 761 Typical Aircraft Applications:

Jack Configuration	Aft Fuselage
761	A330*, A340*, A350*, B747SP, B777**, B787***
761 with Legs Extended	B747
*Use 3/4" Female Spherical Radius Ship Adapter for this application **Use 1 1/4" Male Spherical Radius Ship Adapter for this application ***For roll-under clearance, oleos may have to be extended	

Optional Equipment Codes:

(Specify with order)

- AP: Air Operated Hydraulic Pump
- GA: Load Gauge
- AF: Adjustable Swivel Foot
- HC: Adjustable Swivel Foot with Hydraulic Caster
- SA: Shock Absorber (requires Hydraulic Caster)
- LA: Ladder/Platform
- RC: Platform Mounted Operating Controls
- SPC: Special Paint Color (yellow is standard)
- 761PK: Repair Kit

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Packaging Codes & Options:

(Specify with order)

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

Shipping Data:

NOTE: Unless otherwise specified, Model 761 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)	Total Weight lbs (kg)
KD (leg skid)	200 (5080)	40 (1016)	38 (965)	2100 (953)	4900 (2223)
	(cylinder skid) 185 (4699)	40 (1016)	40 (1016)	2800 (1270)	
ECKD (leg crate)	202 (5131)	45 (1143)	41 (1041)	2400 (1089)	5500 (2495)
	(cylinder crate) 187 (4750)	45 (1143)	43 (1092)	3100 (1406)	