

**MODEL 795**  
**100 TON FIXED HEIGHT TRIPOD JACK**

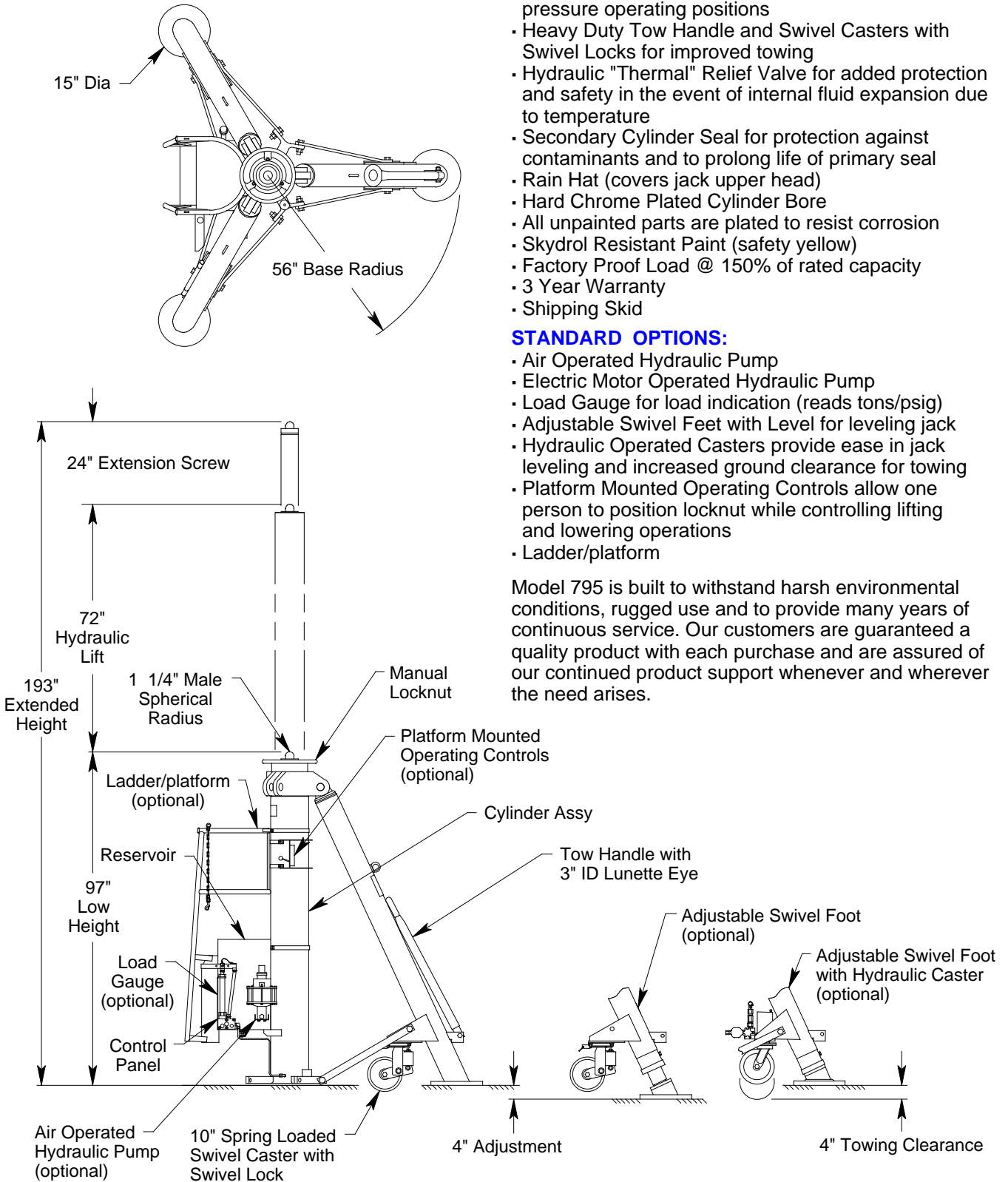
**JACK INCLUDES:**

- 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 Warranty
- Shipping Skid

**STANDARD OPTIONS:**

- Air Operated Hydraulic Pump
- Electric Motor 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

Model 795 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.



See Reverse Side for Specifications, Options, Aircraft Applications & Shipping Data

# MODEL 795 100 TON FIXED HEIGHT TRIPOD JACK

## SPECIFICATIONS

Rated Capacity: 100 tons (90.7 m. tons)  
 Side Load: 15% of vertical load  
 Roll Under Height: 98.5 inches (2502 mm)  
 Low Height: 97 inches (2464 mm)  
 Hydraulic Lift: 72 inches (1829 mm)  
 Extension Screw: 24 inches (610 mm)  
 Total Extended Height: 193 inches (4902 mm)  
 Oil Pressure at Rated Capacity: 3140 psig (221 kg/sq cm)  
 Safety Pop-off Valves  
 System Relief Valve set at: 110 tons (99.8 m. tons)  
 Thermal Relief Valve set at: 125 tons (113.4 m. tons)  
 Proof Load: 150 tons (136.1 m. tons)  
 Reservoir Capacity: 26 gallons (98.4 liters)  
 Hydraulic Fluid: MIL-H-5606 or equivalent  
 Maximum Towing Speed: 5 mph (8 km/h)  
 Approximate Jack Net Weight: 3800 lbs (1724 kg)

## MODEL 795 TYPICAL AIRCRAFT APPLICATIONS

Wing or Body

A319, A320, A321, B747, B757\*, B767, B777

\*Specify 3/4" Female Spherical Radius Ship Adapter p/n 73318-1 for this application

### OPTIONAL EQUIPMENT CODES: (Specify at time of order)

AP: Air Operated Hydraulic Pump	LA: Ladder/platform
EM: Electric Motor Operated Hydraulic Pump	RC: Platform Mounted Operating Controls
GA: Load Gauge	SPC: Special Paint Color (yellow is standard)
AF: Adjustable Swivel Foot	795PK: Repair Kit
HC: Adjustable Swivel Foot with Hydraulic Caster	73318-1: 3/4" Female Spherical Radius Ship Adapter
SA: Shock Absorber (requires hydraulic caster)	

### PACKAGING CODES & OPTIONS: (Specify at time of order)

— : Domestic Skid - Jack Set-up  
 KD: Domestic Skid - Jack Knocked Down (Additional Cost)  
 ECKD: Export Crate - Jack Knocked Down (Additional Cost)

## SHIPPING DATA

NOTE: Unless otherwise specified, Model 795 jack is shipped on a wood skid in the set-up condition. Refer to Malabar Tripod Jack Shipping Supplement for additional packaging information.

Packaging Code	Length inch (mm)	Width inch (mm)	Height inch (mm)	Weight lbs (kg)	Total Weight lbs (kg)
—	106 (2692)	91 (2311)	102 (2591)	4100 (1860)	4100 (1860)
KD (leg skid) (cylinder skid)	116 (2946)	40 (1016)	36 (914)	1900 (862)	4400 (1996)
	100 (2540)	40 (1016)	45 (1143)	2500 (1134)	
ECKD (leg crate) (cylinder crate)	118 (2997)	45 (1143)	39 (991)	2200 (998)	5000 (2268)
	102 (2591)	45 (1143)	48 (1219)	2800 (1270)	