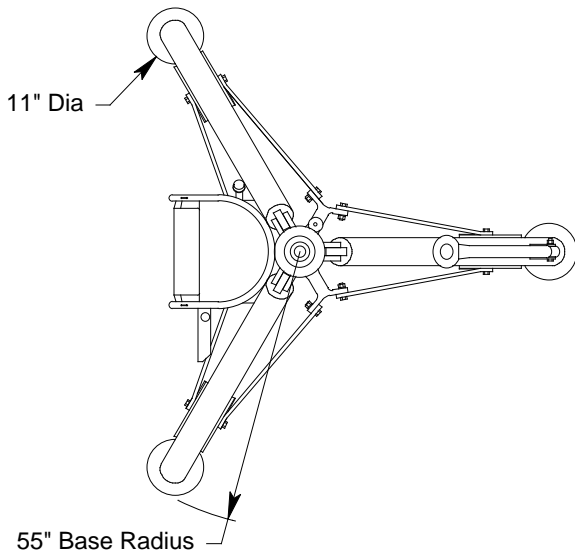


**MODEL 731**  
**45 TON FIXED HEIGHT TRIPOD JACK**



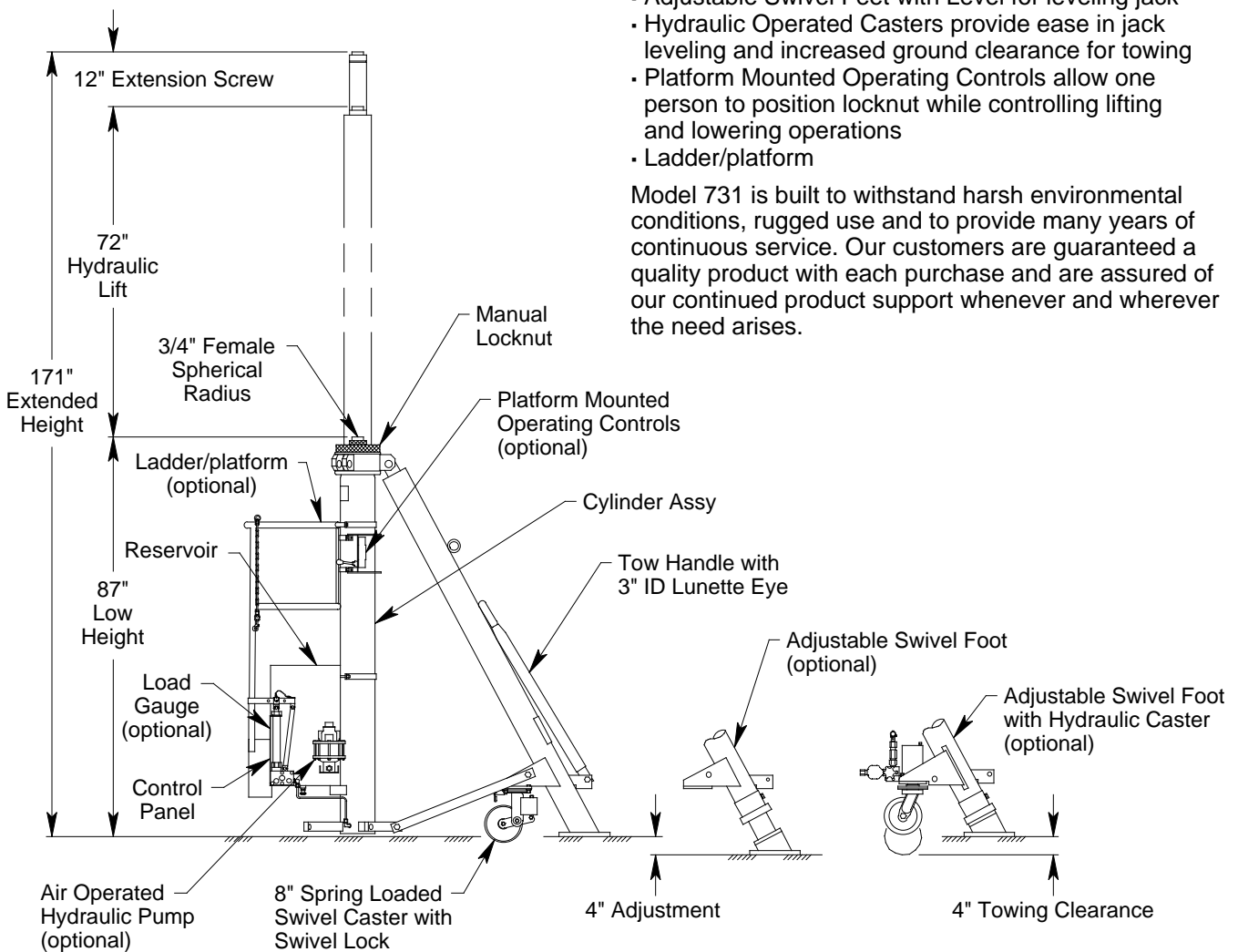
**JACK INCLUDES:**

- 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
- 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 731 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 731

## 45 TON FIXED HEIGHT TRIPOD JACK

### SPECIFICATIONS

Rated Capacity: 45 tons (40.8 m. tons)  
 Side Load: 15% of vertical load  
 Roll Under Height: 88.5 inches (2248 mm)  
 Low Height: 87 inches (2210 mm)  
 Hydraulic Lift: 72 inches (1829 mm)  
 Extension Screw: 12 inches (305 mm)  
 Total Extended Height: 171 inches (4343 mm)  
 Oil Pressure at Rated Capacity: 2684 psig (189 kg/sq cm)  
 Safety Pop-off Valves  
 System Relief Valve set at: 49.5 tons (44.9 m. tons)  
 Thermal Relief Valve set at: 56.3 tons (51.1 m. tons)  
 Proof Load: 67.5 tons (61.2 m. tons)  
 Reservoir Capacity: 15 gallons (56.8 liters)  
 Hydraulic Fluid: MIL-H-5606 or equivalent  
 Maximum Towing Speed: 5 mph (8 km/h)  
 Approximate Jack Net Weight: 1800 lbs (816 kg)

### MODEL 731 TYPICAL AIRCRAFT APPLICATIONS

Forward Fuselage

A300, A310, B747, B757, B767, DC10, MD11, L1011

### OPTIONAL EQUIPMENT CODES: (Specify at time of 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)  
 731PK: Repair Kit

### 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 731 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)
—	103 (2616)	89 (2261)	94 (2388)	2000 (907)
KD	120 (3048)	40 (1016)	56 (1422)	2000 (907)
ECKD	122 (3099)	45 (1143)	59 (1499)	2400 (1089)