

20 Ton Variable Height Tripod Jack

Model 718B



The Model 718B Variable Height Tripod Jack is a 20 ton capacity single stage hydraulic jack designed primarily for use in aircraft maintenance. It consists of a tripod structure, hydraulic cylinder/reservoir assembly, adjustable hand pump 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 718B 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:

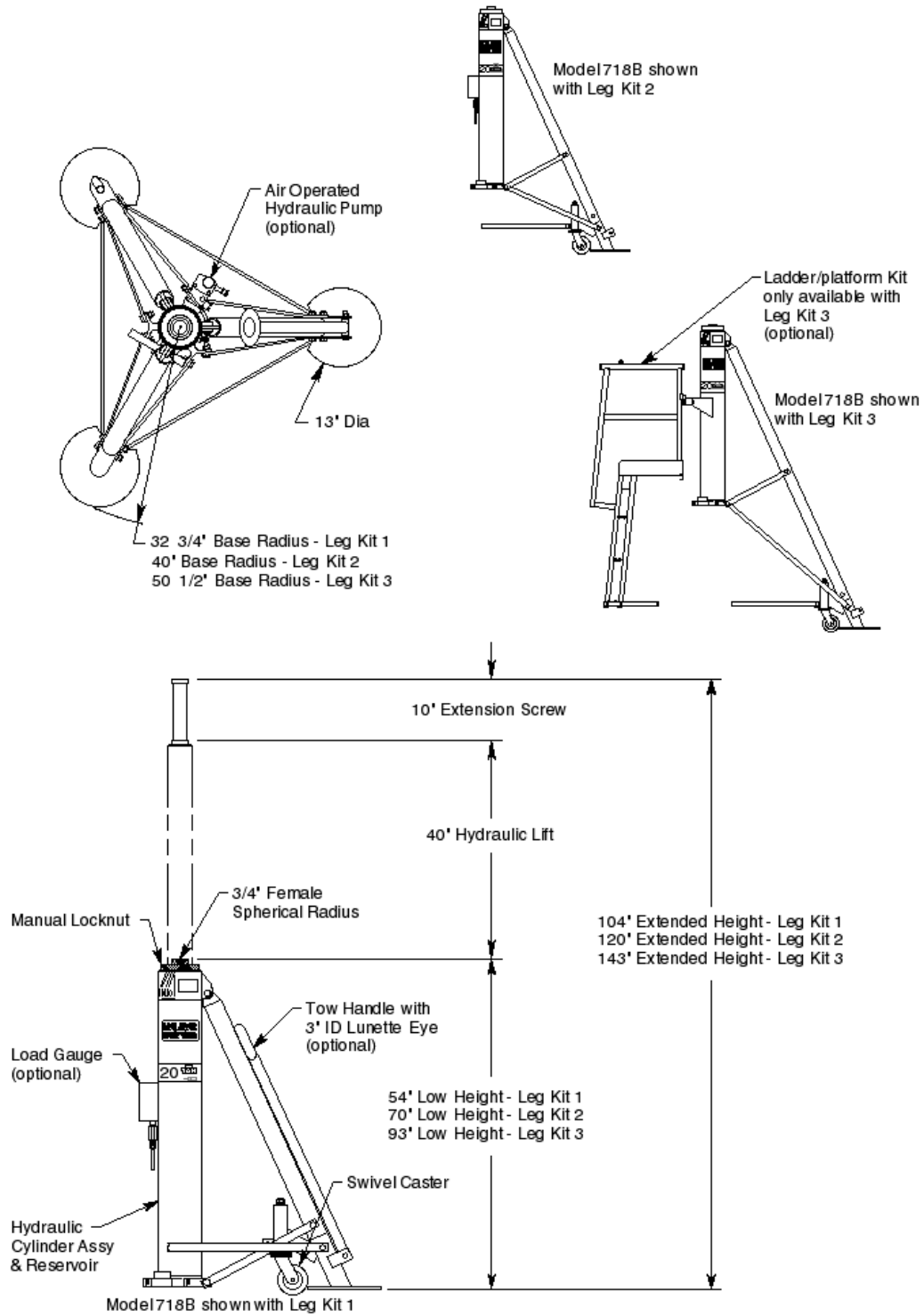
- Manual hand pump with high, medium and low pressure operating positions
- Heavy duty swivel casters
- Rain hat (covers jack upper head)
- Hard chrome plated cylinder bore
- All unpainted parts are plated to resist corrosion
- Skydrol resistant paint (safety yellow)
- Factory proof load @ 150% of rated capacity
- Three year standard warranty
- Shipment on domestic skid

Optional Features:

- Air operated hydraulic pump
- Load Gauge for load indication (reads tons/psig)
- Tow Handle for ease of towing
- Leg Kit 1 - 54" Low Height
- Leg Kit 2 - 70" Low Height
- Leg Kit 3 - 93" Low Height
- Ladder/platform Kit (requires leg kit 3)
- Export crating
- Customer specified paint color

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For more information contact: sales@malabar.com

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Specifications:

Rated Capacity	20 tons (18.1 m. tons)
Side Load.....	15% of vertical load
Roll Under Height	add 1 inch (25mm) to low heights
Low Height Leg Kit 1	54 inches (1372 mm)
Low Height Leg Kit 2	70 inches (1778 mm)
Low Height – Leg Kit 3	93 inches (2362 mm)
Hydraulic Lift.....	40 inches (1016 mm)
Extension Screw.....	10 inches (254 mm)
Total Extended Height – Leg Kit 1	104 inches (2642 mm)
Total Extended Height – Leg Kit 2	120 inches (3048 mm)
Total Extended Height – Leg Kit 3	143 inches (3632 mm)
Oil Pressure at Rated Capacity	2800 psig (197 kg/sq cm)
Safety Pop-off Valve set at:.....	22 tons (20.0 m. tons)
Proof Load	30 tons (27.2 m. tons)
Reservoir Capacity	2.9 gallons (11.0 liters)
Hydraulic Fluid.....	MIL-PRF-5606 or equivalent
Maximum Towing Speed.....	5 mph (8 km/h)
Approximate Jack Net Weight.....	750 lbs (340 kg)

Model 718B Typical Aircraft Applications:

Jack Configuration	Forward Fuselage	Wing	Aft Fuselage
718B with Leg Kit 1	B707, B720, B737, BAE146, C SERIES, DC8, RRJ95, SSJ100	328, ARJ21, BAE146, F28, GLOBAL EXPRESS, RJ170/175	BAE146, B727, MD80, MD90
718B with Leg Kit 2	B727	RJ190/195, ERJ190-E2	RJ170/175
718B with Leg Kit 3		F27, F50, RRJ95, SSJ100	B737, RJ190/195

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Optional Equipment Codes:

(Specify with order)

- AP: Air Operated Hydraulic Pump
- GA: Load Gauge
- TH: Tow Handle
- *54LK: 54" Jack Low Height Leg Kit
- *70LK: 70" Jack Low Height Leg Kit
- *93LK: 93" Jack Low Height Leg Kit
- LA: Ladder/platform Kit (requires 93LK)
- SPC: Special Paint Color (yellow is standard)
- 718BPK: Repair Kit

*Order must specify either 54LK, 70LK or 93LK.

Packaging Codes & Options:

(Specify with order)

- : Domestic Skid – Jack Set-up
- KD: Domestic Skid – Jack Knocked Down (Additional Cost for 54" and 70" Low Height Only)
- LKD: Domestic Skid – Jack & Ladder/platform Kit Knocked Down
- EC: Export Crate – Jack Set-up (Additional Cost)
- ECKD: Export Crate – Jack Knocked Down (Additional Cost)
- ECLKD: Export Crate – Jack & Ladder/platform Kit Knocked Down (Additional Cost)

718B – 54" Low Height Shipping Data:

NOTE: Unless otherwise specified, 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 inches (mm)	Width inches (mm)	Height inches (mm)	Weight lbs (kg)
-	65 (1651)	56 (1422)	61 (1549)	950 (431)
KD	68 (1727)	40 (1016)	28 (711)	950 (431)
EC	67 (1702)	61 (1549)	64 (1626)	1200 (544)
ECKD	70 (1778)	45 (1143)	31 (787)	1100 (499)

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718B – 70” Low Height Shipping Data:

NOTE: Unless otherwise specified, 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 inches (mm)	Width inches (mm)	Height inches (mm)	Weight lbs (kg)
-	77 (1956)	67 (1702)	77 (1956)	1000 (454)
KD	80 (2032)	40 (1016)	28 (711)	1000 (454)
EC	79 (2007)	72 (1829)	80 (2032)	1250 (567)
ECKD	82 (2083)	45 (1143)	31 (787)	1150 (522)

718B – 93” Low Height Shipping Data:

NOTE: Unless otherwise specified, 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	104 (2642)	40 (1016)	28 (711)	1025 (465)
LKD	104 (2642)	40 (1016)	60 (1524)	1100 (499)
ECKD	106 (2692)	45 (1143)	31 (787)	1150 (522)
ECLKD	106 (2692)	45 (1143)	63 (1600)	1275 (578)