

65 Ton Floating “Fly-Away” Axle Jack

Model 8714



The Model 8714 Floating™ “Fly-Away” Axle Jack is a 65 ton capacity, two stage hydraulic jack designed primarily for use in jacking main and/or nose landing gear of various aircraft. The jack consists of a two stage cylinder assembly mounted on a spherical bearing (this bearing allows the jack ship adapter to follow the arc of the aircraft jack point, thus greatly reducing the stress on the jack’s cylinder assembly as well as the aircraft axle and strut), air operated hydraulic pump with air relief valve and valve block and hand pump assembly.

Model 8714 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.

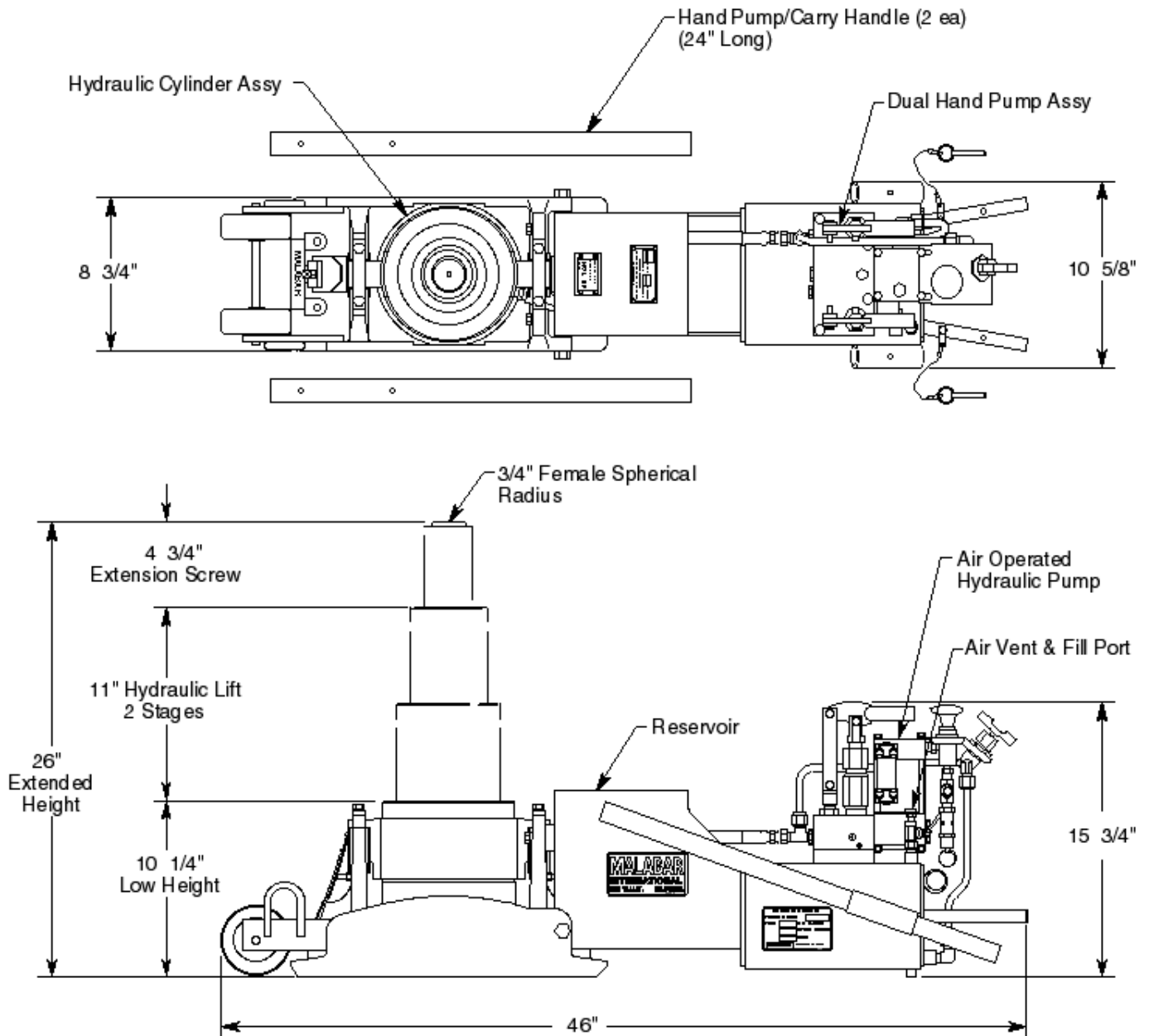
Standard Features:

- Patented floating™ cylinder assembly allows unit to track arc of landing gear jack point, eliminating excessive side loads on jack and landing gear, thus providing safer operation and extending jack life
- Hard chrome plated cylinder and plunger bores
- Extension screw and hand pump parts are plated to resist corrosion
- Two manual hand pumps (one high pressure, low volume and one low pressure, high volume)
- Air operated hydraulic pump for power operation
- Skydrol resistant paint (safety yellow)
- Hydraulic fuse at the cylinder assembly prevents lowering of load in the event of a hose failure
- Factory proof load @ 150% of rated capacity
- 1 year standard warranty
- Fully enclosed shipping container

Optional Features:

- Permanent shipping and storage enclosure
- Customer specified paint color
- Repair kit

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For more information contact: sales@malabar.com

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Specifications:

Rated Capacity	65 tons (58.9 m. tons)
Side Load.....	15% of vertical load
Low Height.....	10.25 inches (260 mm)
Hydraulic Lift.....	11 inches (279 mm)
Extension Screw.....	4.75 inches (121 mm)
Total Extended Height.....	26 inches (660 mm)
Oil Pressure at Rated Capacity.....	6970 psig (490 kg/sq cm)
Safety Pop-off Valve set at:.....	68.9 tons (62.5 m. tons)
Proof Load	97.5 tons (88.5 m. tons)
Reservoir Capacity	1.5 gallons (5.7 liters)
Hydraulic Fluid.....	MIL-PRF-5606 or equivalent
Approximate Jack Net Weight.....	270 lbs (122 kg)
Total Handle Load (Wheeling).....	75 lbs (34 kg)

Model 8714 Typical Aircraft Applications:

Main Landing Gear	Nose Landing Gear
A300, A310, A319, A320, A321, A330 A340, B707, B717, B720, B727, B737 B747, B757, B767, B787, DC8, DC9 DC10, L1011, MD11, MD80, MD90	A300, A310, A330, A340, B707, B720 B727, B747, B757, B767, B787, DC10 L1011, MD11

Optional Equipment Codes:

(Specify with order)

- SPC: Special Paint Color (yellow is standard)
- 8714PK: Repair Kit
- 873828: Extender Kit (for B747-400ER NLG)
- 499-172: Permanent Shipping and Storage Enclosure

Shipping Data:

NOTE: Model 8714 jack is shipped in a fully enclosed shipping container.

Length inches (mm)	Width inches (mm)	Height inches (mm)	Weight lbs (kg)
48 (1219)	17 (432)	24 (610)	325 (147)