

# 20 Ton Axle Jack

## Model 8890



The Malabar Model 8890 Axle Jack is a 20 ton capacity, three stage hydraulic jack designed primarily for use in jacking main and/or nose landing gear of various aircraft. The jack consists of a three stage cylinder assembly, hydraulic reservoir and hand pump assembly. A lifting handle is also supplied for ease of handling.

Model 8890 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:

- Hard chrome plated cylinder and plunger bores
- Extension screw and hand pump parts are plated to resist corrosion
- Two stage hand pump for rapid cylinder extension (high pressure/low volume and low pressure/high volume)
- Safety pop-off valve
- Skydrol resistant paint (safety yellow)
- Factory proof load @ 150% of rated capacity
- 1 year standard warranty
- Fully enclosed shipping container

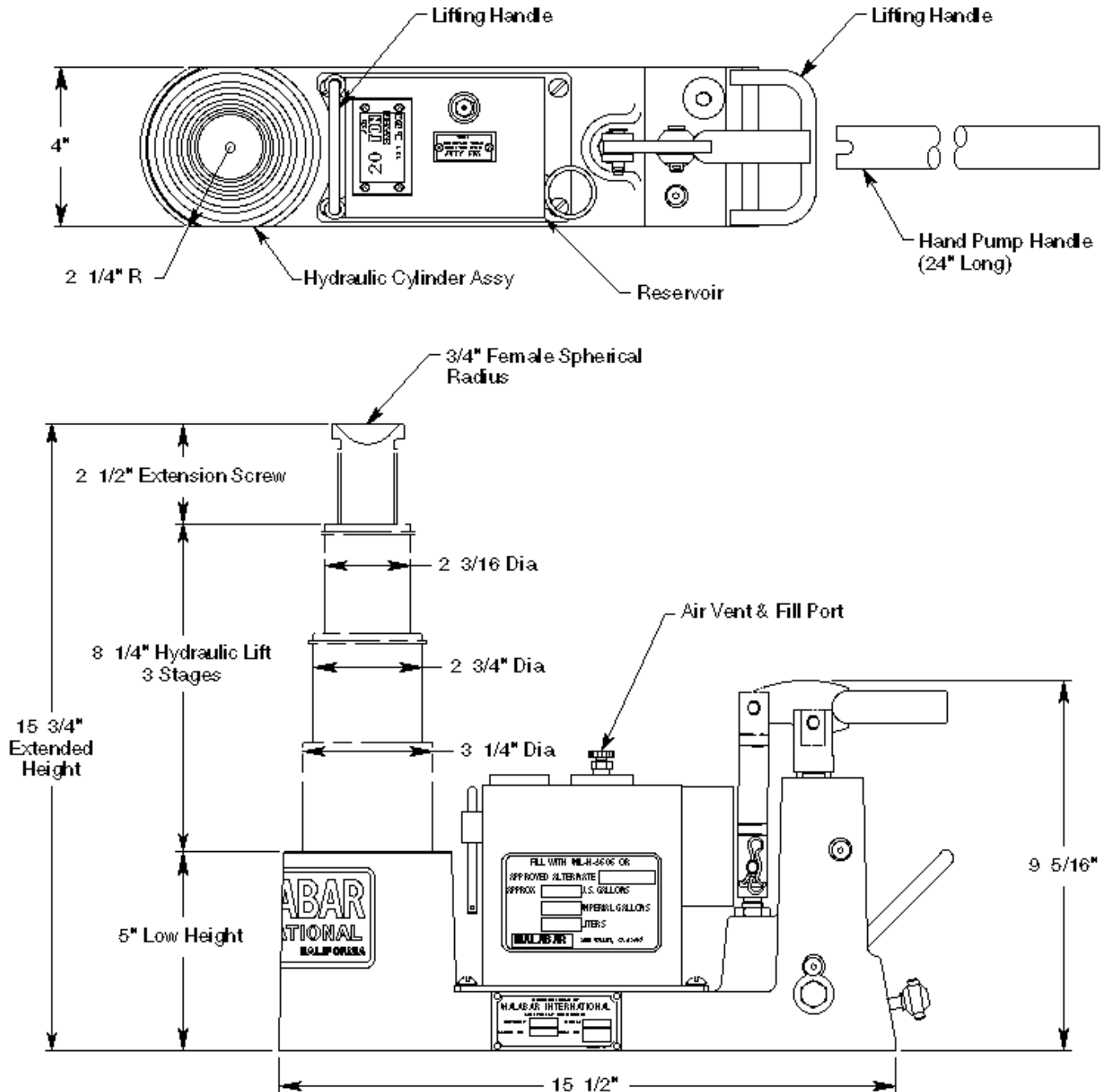
### Optional Features:

- Customer specified paint color
- Repair kit

**NSN 5120-01-596-2293**

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For more information contact: [sales@malabar.com](mailto:sales@malabar.com)

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### Specifications:

|                                     |                            |
|-------------------------------------|----------------------------|
| Rated Capacity .....                | 20 tons (18.1 m. tons)     |
| Side Load.....                      | 12.5% of vertical load     |
| Low Height.....                     | 5.0 inches (127 mm)        |
| Hydraulic Lift.....                 | 8.25 inches (210 mm)       |
| Extension Screw.....                | 2.50 inches (64 mm)        |
| Total Extended Height.....          | 15.75 inches (400 mm)      |
| Oil Pressure at Rated Capacity..... | 9050 psig (636 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 .....            | 0.35 gallons (1.3 liters)  |
| Hydraulic Fluid.....                | MIL-PRF-5606 or equivalent |
| Approximate Jack Net Weight.....    | 60 lbs (27.2 kg)           |

| <b>Model 8890 Typical Aircraft Applications:</b>  |  |
|---|--|
| <b>Nose Landing Gear</b>  | <b>Main Landing Gear</b>                                 |
| A319*, A320*, A321*, B717, B737,<br>DC9, MD80, MD90, CRJ, DASH 8,<br>Q400, GLOBAL EXPRESS,<br>CHALLENGER, EMB 145/175/190/195 | CRJ, DASH 8, Q400,<br>CHALLENGER,<br>EMB 145/175/190/195 |
| *Routine and dual flats   |  |

### Optional Equipment Codes:

*(Specify with order)*

- SPC: Special Paint Color (yellow is standard)
- 8890PK: Repair Kit

| <b>Shipping Data:</b>  |                      |                       |                    |
|--|----------------------|-----------------------|--------------------|
| NOTE: Model 8890 jack is shipped in a fully enclosed shipping container. |                      |                       |                    |
| Length<br>inches (mm)  | Width<br>inches (mm) | Height<br>inches (mm) | Weight<br>lbs (kg) |
| 26 (660)   | 6 (152)              | 13 (330)              | 75 (34)            |