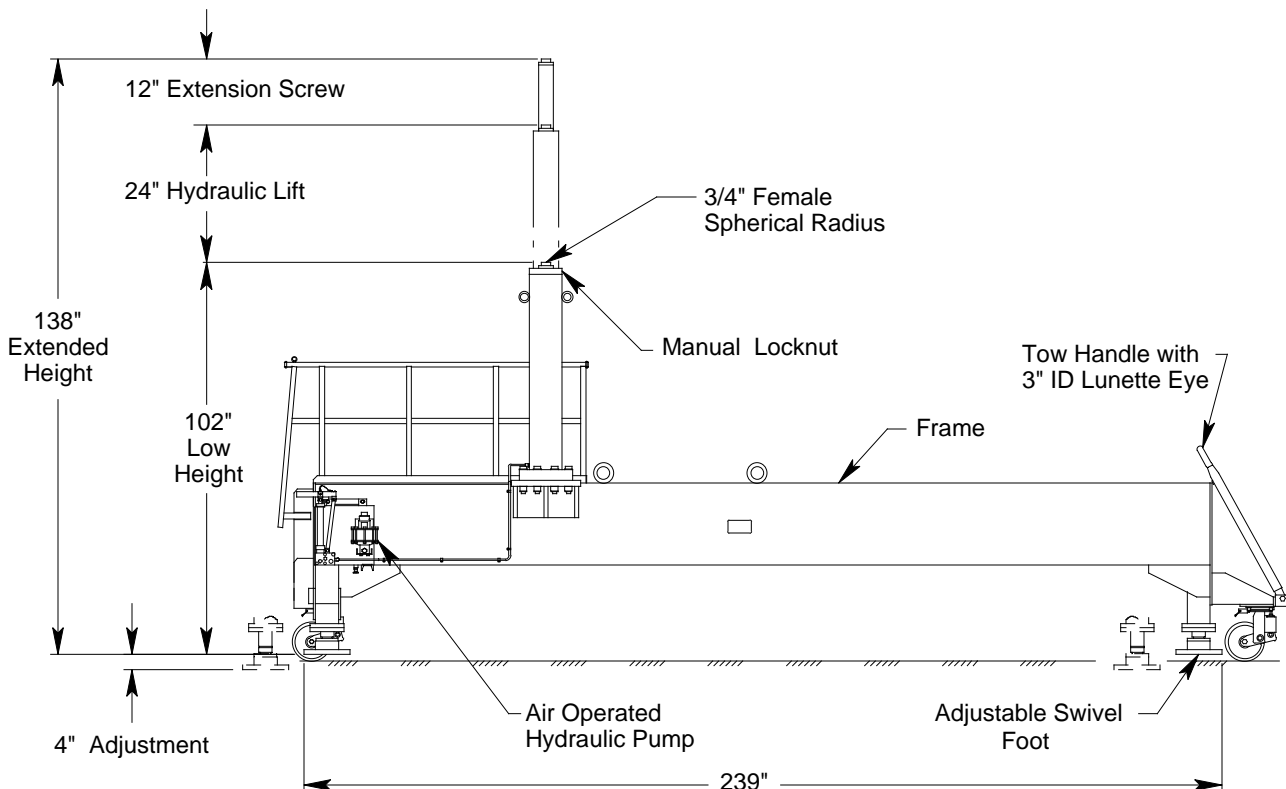
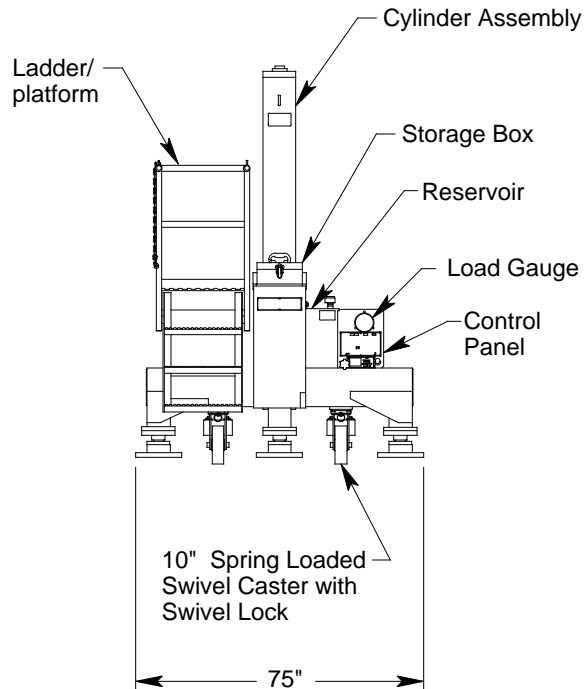


## MODEL 8853 25 TON STRUCTURAL FRAME JACK ASSEMBLY

### JACK INCLUDES:

- Manual Hand Pump with high, medium and low pressure operating positions
- Air Operated Hydraulic Pump
- Load Gauge for load indication (reads tons/psig)
- Adjustable Swivel Feet for leveling jack
- Ladder/platform
- 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 cylinder assembly)
- 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

Model 8853 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 8853

## 25 TON STRUCTURAL FRAME JACK ASSEMBLY

### SPECIFICATIONS

Rated Capacity: 25 tons (22.7 m. tons)  
 Side Load: 15% of vertical load  
 Roll Under Height: 103.5 inches (2629 mm)  
 Low Height: 102 inches (2591 mm)  
 Hydraulic Lift: 24 inches (610 mm)  
 Extension Screw: 12 inches (305 mm)  
 Total Extended Height: 138 inches (3505 mm)  
 Oil Pressure at Rated Capacity: 1495 psig (105 kg/sq cm)  
 Safety Pop-off Valves:  
   System Relief Valve set at: 27.5 tons (24.9 m. tons)  
   Thermal Relief Valve set at: 31.3 tons (28.4 m. tons)  
   Proof Load: 37.5 tons (34.0 m. tons)  
 Reservoir Capacity: 7.6 gallons (28.8 liters)  
 Hydraulic Fluid: MIL-H-5606 or equivalent  
 Maximum Towing Speed: 5 mph (8 km/h)  
 Estimated Jack Weight: 6300 lbs (2858 kg)

### MODEL 8853 TYPICAL AIRCRAFT APPLICATIONS

Forward Fuselage Shoring Jack  
(for Gear Pit Application)

B757, B767

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

SPC: Special Paint Color (yellow is standard)

#### JACK ACCESSORIES: (Order separately)

8853PK: Repair Kit

### SHIPPING DATA

NOTE: Unless otherwise specified, Model 8853 jack is shipped on a wood skid in the set-up condition.

Length inch (mm)	Width inch (mm)	Height inch (mm)	Weight lbs (kg)
266 (6756)	78 (1981)	107 (2718)	7000 (3175)