

# Towable Wheel / Brake Changer

## Model 175S-2



The Model 175S-2 Towable Wheel/Brake Changer improves efficiency by making wheel and brake changes a one-man operation. The unit's tow capability and foam filled tires, in lieu of light duty running gear units, provides a suitable wheel/changer for ramp maintenance operations. The low profile and sturdy 175S-2 is suitable for limited clearance narrow-body aircraft as well as the largest wide body aircraft. The integral boom assembly provides an improved method of removing aircraft brakes from boxes in addition to brake installation.

The unit is capable of changing aircraft tires and wheel assemblies from 32 to 56 inches O.D. and widths to 22 inches. The boom or brake cradle (BC300P, BC400P, BC500P) is required for brake change operations. The unit consists of a hydraulic hand pump, hydraulic cylinder, foam filled swivel lock casters, foam filled swivel lock caster with brake, towbar, inner and outer frames, boom, flow control valve, storage box, wheel hold down steel chain and tie down straps.

Model 175S-2 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:

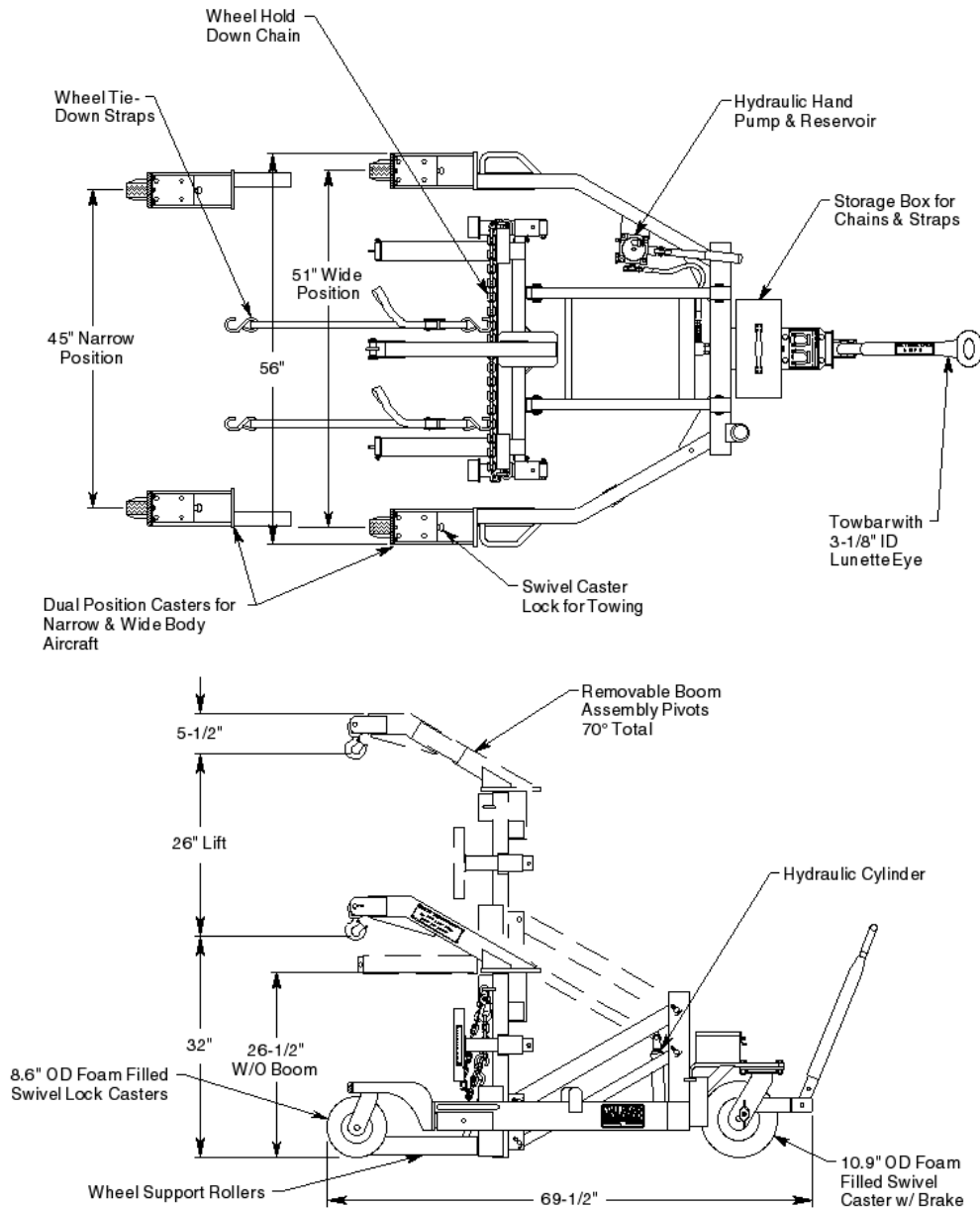
- High lift boom & wheel support capability
- Foam filled tires for improved safety & reliability
- Hold down chain & tie down straps for wheel assemblies
- Parking brake
- Swivel locks on rear casters for improved towing
- Towbar with 3 inch lunette eye
- Storage box for tie down hardware
- Rugged tubular steel construction
- Skydrol resistant paint (standard safety yellow)
- 1 year standard warranty
- Shipping on domestic skid

### Optional Features:

- Customer specified paint color
- Export Crating

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**NSN 4920-01-469-9561**

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

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### Specifications:

Wheel / Brake Capacity .....	700 lbs (318 kg)
Boom Capacity .....	500 lbs (227 kg)
Unit Weight Including Brake Cradle .....	500 lbs (227 kg)
Tire Range .....	32" to 56" diameter
Overall Dimension .....	56" W x 70" L x 38" H
Maximum Tow Speed.....	5 mph (8 km/h)
Ground Clearance .....	4" (102 mm)
Total lift .....	26" (660 mm)

### **Optional Brake Cradle**

Capacity .....	600 lbs (272 kg)
Unit Weight .....	40 lbs (18 kg)

<b>Model 175S-2 Typical Aircraft Applications:</b>		
<b>Main Gear Wheels</b>	<b>Nose Gear Wheels</b>	<b>Brake Cradle (Specify Model)</b>
A300, A310, B707, B727, B757, B767	A300, A310, B707, B727, B757, B767	BC400P
A319, A320, A321, B717, B737	A319, A320, A321, B737	BC400P
F70, F100	N/A	BC300P
A330, A340, A350, A380, B747, B777, DC10, MD11, L1011	A330, A340, A350, A380, B747, B777, DC10, MD11, L1011	BC500P
DC8, DC9, MD80 – 90	DC8	BC400P

### Optional Equipment Codes:

*(Specify with order)*

SPC: Special Paint Color

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### Optional Accessory Codes:

(Specify with order)

- BC300P: Brake Cradle with Rubber Pad, p/n 871200P
- BC400P: Brake Cradle with Rubber Pad, p/n 871100P
- BC500P: Brake Cradle with Rubber Pad, p/n 871000P

### Optional Packaging Codes:

(Specify with order)

- : Domestic Skid
- EC: Export Crate (Additional Cost)

### Shipping Data:

NOTE: Weight includes optional Brake Cradle.

Packaging Code	Length inches (mm)	Width inches (mm)	Height inches (mm)	Weight lbs (kg)
-	70 (1778)	60 (1524)	33 (838)	620 (282)
EC	73 (1855)	65 (1651)	42 (1067)	840 (381)