

# MALABAR

INTERNATIONAL

## Model 8377 3 Bottle Nitrogen Cart



Model 8377 Nitrogen Service Cart is designed with a counter balanced bottle rack making loading and unloading bottles a one person task. It securely mounts the bottles as well as the hoses and fittings required for servicing aircraft tires, struts and accumulator systems. The cart with three 3600 psi bottles has a nitrogen capacity of 1035 standard cubic feet .

The low profile and low center of gravity trailer includes a nitrogen manifold with dual regulators for high pressure nitrogen service and low pressure tire service and dual service hose with service fittings.

### **Model 8377 includes the following additional benefits:**

- Rugged tubular steel frame
- Nitrogen manifold with shut-off valves, dual high quality regulators, relief valves and gauges.
- High pressure nitrogen hose includes a safety chuck to prevent filling low pressure tires from the high pressure system.
- Towbar with 3 inch lunette eye and a parking brake are standard
- Skydrol resistant paint (yellow) is standard.

### **Optional Equipment:**

- 3 ea. 3600 psi US DOT Nitrogen Bottles

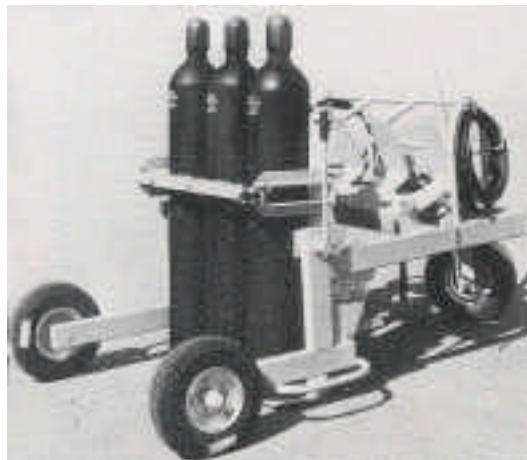
## Specifications:

### **Model 8309:**

Unit Weight (less N <sub>2</sub> Bottles):	550 lbs. (250 kg.)
With optional N <sub>2</sub> Bottles:	750 lbs. (341 kg.)
Ground Clearance:	6.0 inches (152 mm)
Nitrogen Hose Assemblies:	
High Pressure:	24 ft (7.3 m) with safety chuck for strut service
Low Pressure:	12 ft (3.6 m) with air chuck for tire service
Nitrogen Operating Pressure:	
High Pressure:	up to 3600 psig (253 kg/cm <sup>2</sup> )
Low Pressure:	up to 400 psig (28 kg/cm <sup>2</sup> )
Overall length:	
Towbar up (Parking Brake On)	82 inches (2083 mm)
Towbar down (Parking Brake Off)	120 inches (3048 mm)
Width:	66 inches (1676 mm)
Height:	
Towbar up:	55 inches (1397 mm)
Towbar down:	41 inches (1041 mm)
Nitrogen Bottle Rack Capacity:	3 ea. US DOT 2400 psi or 3600 psi sizes

### **Shipping Data:**

Domestic Skid:	90"L x 60"W x 49"H, 800 lbs. (364 kg.)
With optional N <sub>2</sub> Bottles:	90"L x 60"W x 49"H, 1000 lbs. (455 kg.)
Export Crate:	92"L x 65"W x 51"H, 1050 lbs. (523 kg.)
With optional N <sub>2</sub> Bottles:	92"L x 65"W x 51"H, 1250 lbs. (568 kg.)



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Malabar Model 8377 Service Carts are 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.

### **MALABAR International**

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