

# MALABAR

## INTERNATIONAL

### Model 8776, 55 Gallon Dispensing Cart Faster, More Convenient and Contamination-Proof Fluid Service



**Air Operated Unit**



**N<sup>2</sup> or Air Operated Unit**



Model 8776 is designed to service all narrow and wide body aircraft. This modular and low profile fluid service unit reduces aircraft fluid servicing time. The unit dispenses fluid directly from the original 55 gallon drum, thus eliminating fluid contamination. The versatile system is suitable for all aircraft fluids including synthetic turbine oils, petroleum based hydraulic fluids and phosphate ester (Skydrol or HyJet) hydraulic fluid.

The basic unit dispenses fluid from a shop air supply with the integral air operated fluid pump. The optional nitrogen system and dual bottle rack provides fluid servicing in remote areas where an air supply is not readily available. The system is designed for one-man operation with a control valve at the end of the delivery hose.

#### Specifications & Standard Equipment:

##### Models Available:

For Turbine Oil & Petroleum Based Fluids:

Specify Model 8776A

For Skydrol or HyJet Fluids:

Specify Model 8776B

	<u>Without optional N<sup>2</sup> Bottle Rack</u>	<u>With optional N<sup>2</sup> Bottle Rack</u>
Unit Weight:	700 lbs. ( 318 kg.)	1400 lbs. (636 kg.)
Shipping Weight (Export Crate, Std.)	900 lbs. (409 kg.)	1650 lbs. (750 kg.)
Shipping Dimensions:	108"L x 56"W x 45" H	124"L x 88"W x 45"H
Max. Recommended Tow Speed:	20 mph (32 km/h)	
Towbar:	3 inch lunette eye with parking brake	
Drum Cradle with Tie Down Strap:	Mechanical drive for loading and unloading fluid drum	
Air Supply Pressure:	70 to 110 psig (4.9 to 7.7 kg/cm <sup>2</sup> )	
Air Consumption:	35 scfm	
Nitrogen Pressure (from bottles):	300 to 3500 psig (21 to 245 kg/cm <sup>2</sup> ), with optional N <sup>2</sup> Bottle Rack	
Nitrogen Consumption:	40 scfm	
Fluid Delivery Rate & Pressure:	4.5 gpm at 150 psig (16.8 lpm at 10.5 kg/cm <sup>2</sup> )	
Fluid Delivery Hose:	35 feet with shut-off valve & gravity fill adapter at end of hose	
System Filtration:	Fluid: 10 micron Air with Dryer: 1 micron	
Control console:	Includes pressure gauges (air & fluid), air control valve & N <sup>2</sup> regulator, N <sup>2</sup> shut-off valves & gauges if equipped with Bottle Rack	
Storage Box:	Lockable storage box for fluid couplings & fittings	
<u>Optional Equipment:</u>		
• Retractable Hose Reel	• Ground Static Reel	• Liquid Level Gauge (drum fluid level)
• Manual Hand Pump	• Nitrogen System & Bottle Racks	• 3500 PSIG Nitrogen Bottles

Malabar 55 Gallon Dispensing units 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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Issue: 1/2003