

4-Bottle Nitrogen Service Cart

Model 8943-N2



The Model 8943-N2 Nitrogen Service Cart features a counter-balanced bottle rack that permits single operator loading and unloading of gas bottles. The cart securely holds the bottles and provides mounting for the hoses required for servicing the aircraft.

The cart includes a high-pressure regulator for servicing aircraft struts and accumulator systems. The cart also includes a low-pressure regulator for servicing aircraft tires and aircraft jacks. Gas service is provided through delivery hoses and the selected gas bottle valve fittings.

The cart does not come with gas bottle valve fittings. Customers can purchase valve fittings as options or specify their gas cylinder connection fittings at time of order to ensure correct fittings are supplied.

The Model 8943-N2 is built to withstand harsh environmental conditions and 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:

- Rugged tubular steel frame
- Bottle restraint strap
- Two regulators with relief valves and gauges
- High pressure nitrogen hose with safety chuck to prevent filling low pressure tires from high pressure system
- Low pressure nitrogen hose with Schrader air chuck
- Towbar with 3" ID lunette ring and parking brake
- Skydrol resistant paint (safety yellow)
- Export crating
- One year standard warranty

Optional Features:

- Nitrogen boost pump powered by air or nitrogen bottles
- 3600 psig nitrogen bottles (furnished empty) with CGA680 valve fittings installed
- Separate CGA680 bottle valve fittings
- Separate BS-341-3 bottle valve fittings
- Separate DIN-477-10 bottle valve fittings
- Customer-specified paint color

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Specifications:

Unit weight (less gas bottles)	440 lbs (200 kg)
Unit weight (with optional gas bottles).....	1240 lbs (563 kg)
N2 high pressure hose length	24 feet (7315 mm)
N2 low pressure hose length.....	12 feet (3657 mm)
N2 high operating pressure	0-4000 psig (281 kg/sq cm)
N2 low operating pressure	0-250 psig (18 kg/sq cm)
Optional N2 boost pump operating pressure	400-3600 psig (28-253 kg/sq cm)
Overall length.....	91 inches (2311 mm)
Overall width.....	55 inches (1397 mm)
Overall height.....	47 inches (1194 mm)
N2 bottle rack capacity	4 bottles
Maximum N2 bottle length (including bottle valve)	63 inches (1600 mm)
Maximum N2 bottle diameter	9 inches (235 mm)

Optional Equipment Codes:

(Specify with order)

- BPN: Boost Pump for Nitrogen Service
- 474-006: Nitrogen Bottle (3600 psig) (order 4)
- 893255: CGA680 Bottle Valve Fitting (order 4)
- 893249: BS-341-3 Bottle Valve Fitting (order 4)
- 893258: DIN-477-10 Bottle Valve Fitting (order 4)
- SPC: Special Paint Color

Shipping Data:

Packaging	Length inches (mm)	Width inches (mm)	Height inches (mm)	Weight (w/o bottles) lbs (kg)
Export Crating	97 (2464)	63 (1600)	54 (1372)	615 (279)