

AOG Trailer

Model 8309



The Model 8309 AOG Trailer is a self-contained landing gear service trailer engineered to cut aircraft service time to a minimum with a compact unit. The 8309 can be safely towed at speeds up to 20 mph (32 km/h) for faster turn-around times.

The low profile and low center of gravity trailer includes a ramp and storage space for loading/unloading and stowing Malabar axle jacks up to 95 ton capacity. The trailer also features a swing arm boom that permits single operator loading and unloading of nitrogen bottles. The trailer securely holds the bottles and provides mounting for the hoses required for servicing the aircraft.

The trailer includes a high-pressure regulator for servicing aircraft struts and accumulator systems. The trailer also includes a low pressure regulator for servicing aircraft tires and pneumatic pressure to operate aircraft axle jacks. Nitrogen service is provided through delivery hoses and the selected gas bottle valve fittings.

The trailer does not come with nitrogen 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 8309 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 and axle jack restraint straps
- 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)
- Shipment on domestic skid
- One year standard warranty

Optional Features:

- 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
- Separate CGA580 bottle valve fittings
- Customer specified paint color
- Export crating

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Specifications:

Unit weight (less nitrogen bottles)	700 lbs (318 kg)
Unit weight (with optional nitrogen bottles)	840 lbs (382 kg)
Ground Clearance	6 inches (152 mm)
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)
Overall length with towbar up (parking brake on)	105 inches (2667 mm)
Overall length with towbar down (parking brake off)	135 inches (3429 mm)
Overall width	57 inches (1448 mm)
Overall height with towbar up	43 inches (1092 mm)
Overall height with towbar down	48 inches (1219 mm)
Nitrogen bottle capacity	2 bottles
Maximum nitrogen bottle length (including bottle valve)	63 inches (1600 mm)
Maximum nitrogen bottle diameter	9 inches (235 mm)

Optional Equipment Codes:

(Specify with order)

- 474-006: Nitrogen bottle (3600 psig) (order 2)
- 893255: CGA680 bottle valve fitting (order 2)
- 893249: BS-341-3 bottle valve fitting (order 2)
- 893258: DIN-477-10 bottle valve fitting (order 2)
- 893254: CGA580 bottle valve fitting (order 2)
- SPC: Special paint color
- EC: Export crating

Shipping Data:

Packaging	Length inches (mm)	Width inches (mm)	Height inches (mm)	Weight (w/o bottles) lbs (kg)
Domestic Skid	110 (2794)	62 (1575)	48 (1219)	900 (409)
Domestic Skid with optional nitrogen bottles	110 (2794)	62 (1575)	48 (1219)	1040 (473)
Export Crating	112 (2845)	67 (1702)	50 (1270)	1150 (523)
Export Crating with optional nitrogen bottles	112 (2845)	67 (1702)	50 (1270)	1290 (586)