



# CO<sub>2</sub> Transportation Equipment

## DOT Delivery Units & Trailers

Our DOT delivery units for carbon dioxide are designed for truck mounted use and maximum efficiency with a minimum of maintenance. The DOT delivery unit is available with a platform or combo body and includes flaps, ICC bumpers, lights and reflectors.\* All delivery assemblies are custom made to your specifications.

The liquid carbon dioxide storage unit is mounted on a conventional cab truck, in sizes ranging from 14,250 to 32,900 GVW. Wheelbases are available to accommodate body lengths from 12' to 20' (3.66 m to 6.10 m).

We make these complete DOT delivery units in six sizes: 2-ton (1,814 kg), 2 1/2-ton (2,268 kg), 3-ton (2,722 kg), 3 1/2-ton (3,175 kg), 3 3/4-ton (3,402 kg) and 6-ton (5,433 kg) capacities. All units are completely equipped with smooth steel platform bed, custom bed or combination bed; flaps, ICC bumper, lights and reflectors. Each unit is manufactured in accordance with DOT Title 49, Specification MC-331 and a certificate of compliance is furnished. All DOT units include a 65' (9.81 m), 1/2" (1.27 cm) diameter hose and reel. Pressure and liquid level gauges are standard. Meter, printer, pump and refrigeration unit are optional.

We also offer this exceptional unit as a DOT combination liquid CO<sub>2</sub> storage unit with specially designed areas for high pressure cylinders.



2 1/2 Ton Delivery Unit

### STORAGE UNIT SPECIFICATIONS

Insulation: 4" (10.16 cm) polyurethane

Vessel Material: Normalized SA-612

Outer Jacket: 0.063" (0.16 cm) aluminum

Liquid Level Gauge: Differential pressure

Safeties: ASME approved direct spring loaded

Pressure Gauge: 0-600 psig with 6" (15.24 cm) dial

Working Pressure: 350 psig

ASME Code Section VIII, Division I—DOT MC-331 Certified



3 and 3 1/2 Ton Delivery Unit

#### ALL LOW PROFILE UNITS

Model	Nominal Capacity	Height	Length	Width	Approx. Empty Weight
2 1/2 Ton w/Rear Cabinet	5,000 lbs.	52"	155"	51"	3,850 lbs.
	2,268 kg	132 cm	394 cm	130 cm	1,746 kg
3 Ton No Rear Cabinet	6,000 lbs.	52"	150"	51"	4,200 lbs.
	2,722 kg	132 cm	381 m	130 cm	1,905 kg
3 1/2 Ton No Rear Cabinet	7,000 lbs.	52"	174"	51"	4,500 lbs.
	3,175 kg	132 cm	442 cm	130 cm	2,041 kg
3 3/4 Ton w/Rear Cabinet	7,500 lbs.	81"	129"	70"	5,500 lbs.
	3,402 kg	206 cm	328 cm	178 cm	2,495 kg





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### DOT Delivery Units & Trailers

Our DOT trailer offers you added flexibility. You can easily mount the trailer on different trucks so that the DOT delivery does not hinder your other trucking schedule. The features and specifications of the DOT trailer storage unit are the same as for the DOT delivery units.



Delivery units with housing for the hose reel assembly feature easy access doors with locks and hold open devices.

### OPTIONS FOR CO<sub>2</sub> TRANSPORTATION (DOT) EQUIPMENT

- Option for temperature compensation
- 3/4" (1.91 cm) meter and ticket printer includes temperature compensation
- 10 GPM pump and 5 HP gasoline engine
- 12 Volt light with control cabinet
- 1 HP Hp-62, 220 V/1 Phase 60 Hz. refrigeration (available on 3.75 and 6-ton only)
- 1/2" (1.27 cm) vapor crossover piping and valve

