

cryogenic and CO2 equipment list - partial listings

Manufacturer	Size & Pressure	Description	FOB Point
Cryogenic Storage			
1955 Linde	775 gal x 144 psi	VCC-90 Reconditioned vertical in Oxygen service	Indiana
2006 CVA	6000 gal x 250 psi	CVA 6000 SA-304 Inner Vessel	Massachusetts
1991 LOX Equipment	55,000 gal x 51 psi	Horizontal Nitrogen Vessel	Alberta
1995 Process Eng.	50,000 gal x 76 psi	Horizontal Nitrogen Vessel	Alberta
1980 APCI	32,000 gal x 126 psi	Horizontal Nitrogen Vessel	Alberta
1990 T-W	60,000 gal. x 125 psi	Horizontal Nitrogen Vessel	Alberta
1998 T-W	50,000 gal. x 76 psi	Horizontal Nitrogen Vessel	Alberta
2004 CVA - 2 each	18,000 gal. x 40 psi	Nitrogen Queen Portable Storage Trailer	Alberta
2004 CVA - 6 each	23,000 gal. x 35 psi	Nitrogen Queen Portable Storage Trailer	Alberta
2011 CVA - 4 each	21,000 gal. x 35 psi	Nitrogen Queen Portable Storage Trailer	Alberta
2018 Cryolor - 1 each	3000 gal. x 250 psi	LOX / LIN / LAR Vertical Storage Tanks	South Carolina
2018 Cryolor - 2 each	11,000 gal. x 250 psi	LOX / LIN / LAR Vertical Storage Tanks	South Carolina
2018 Cryolor - 1 each	13,000 gal. x 250 psi	LOX / LIN / LAR Vertical Storage Tanks	South Carolina

CO2 Storage

2018 WestMor - 2 each	100 ton x 325 psi	Portable LCO2 Storage	Minnesota
2004 Maxfield - 3 ea.	225 ton (63,000 USWG) x 285 psi	Plant Storage	Alberta
2004 Maxfield	140 ton (36,000 USWG) x 285 psi	Plant Storage	Alberta

Pumps - Vaporizers

LCO2 Direct-To-Process Vaporizer	60 KW x 480 Volts, 3 Phase	TOMCO	Indiana
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Tubes

ASME tubes	24 inch x 24 ft. x 2800 MAWP	Last in Hydrogen service - 351.6 cf water volume	Texas
Jumbo Tube Trailers - 10 ea.	775.7 CF Water x 2580 psi	9 tube module on ISO Chassis	Alberta

Cryogenic Transports

1977-1987 LOX Equip. - 15 ea.	5000 to 7200 gal x 38 psi	Stainless inners - All suitable for rehab	Alberta
1980s Process - 3 ea.	7800 gal. x 25 psi	Aluminum inners - All suitable for rehab	Alberta

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2006 CVA - 2 each	9600 gal. x 40 psi	Hydraulically-driven pump	Alberta
1989 LOX	7200 gal. x 38 psi	Engine-driven pump with spring ride suspension	Alberta
2007 CVA	7600 gal. x 81 psi	High pressure - No pump - Pressure transfer	Texas
2008 CVA	7600 gal. x 81 psi	High pressure - No pump - Pressure transfer	Texas
1981 LOX	7248 gal. X 38 psi	Low pressure - No pump - Pressure transfer	Texas
1995 Cryenco	5400 gal. x 60 psi	LOX / LIN / LAR / LNG ISO Tank	Indiana
1995 Cryenco	5400 gal. x 150 psi	LOX / LIN / LAR / LNG ISO Tank	Texas
Manufacturer	Size & Pressure	Description	FOB Point
CO2 Transports			
2001-2003 WestMor - 2 ea.	6000 gal. x 300 psi	Tandem axle transports - Oilfield piping	Indiana
1983-1990 Various - 3 ea.	5600 gal. x 300 and 325 psi	Tandem axle transports - Oilfield piping	Texas
2005-2007 Maxfield - 4 ea.	8000 gal. x 300 psi	Tri-axle transports with three high rate hydraulically-driven pumps	Alberta
2006-2007 Maxfield - 2 ea.	8000 gal. x 300 psi	Tri-axle transports with single low rate hydraulically-driven pump	Alberta
2008 WestMor - 2 each	8200 gal. x 300 psi	Tri-axle transports with single low rate hydraulically-driven pump	Alberta
Production Plants			
400 TPD CO2	Reformer source/ 2 x 200 storage		US West
1980's Liquid CO2	300 TPD	300 ton of storage	Canada
2004 Toromont	165 TPD	460 volt, 3 phase - Propane refrigerant	Alberta
Rentals			
1995 Cryenco	5400 gal. x 60 psi	LOX / LIN / LAR / LNG ISO Tank	Indiana
1995 Cryenco	5400 gal. x 150 psi	LOX / LIN / LAR / LNG ISO Tank	Texas