

Industrial Gas Transportation

CP Industries designs and manufactures a full line of high quality trailers and modules for the transportation of compressed and liquefied gases. The seamless steel pressure vessels provide an efficient and economical means of containing and transporting gases under a wide range of service conditions. Vessels are produced in compliance with US Department of Transportation (DOT) specifications, ISO 11120 with UN/USA and or TPED certification and Canadian requirements.

Trailer designs comply with local bridge laws and are optimized to provide maximum payload. The durable construction of the (MEGC) modules permit stacking, loading on a container chassis and cost effective ocean shipping for international markets. All of the module frames are manufactured to comply with IMDG, US DOT and UN rules and regulations. Look to CP Industries for cost effective and reliable solutions to transport industrial gases.



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Module shown on trailer for transport



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- Trailers are designed to comply with US DOT and Canadian regulations
- Certifications include TPED, KGSC, China SELO and Canadian approvals
- Vessels produced to DOT and ISO 11120/UN specifications
- Tube requalification interval: ISO - 10 years (5 depending on gas service), DOT - 5 years
- Custom designs to meet your specifications and payloads
- Available to both domestic and international markets
- Special cleaning services are available



A worldwide supplier of superior products and exceptional customer service, since 1897



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NITROGEN TRAILER INFORMATION

@ 70 degrees Fahrenheit ambient

Tube Dimension o.d. x length	Service Pressure (psi/bar)	Tube Weight (lbs) ea.	Tube Volume (ft ³)	Number Of Tubes In Trailer	Gas Volume Per Tube (SCF)	Total Volume Per Trailer (SCF)	Total Weight of trailer (lbs)
22" x 40'-0"	2160/149	4100	94.1	10	13640	136,400	60,870
22" x 37'-6"	2160/149	3850	88.1	11	12770	140,470	62,510
22" x 40'-0"	2668/184	4550	93.2	8	16330	130,640	55,850
22" x 38'-0"	2668/184	4230	88.4	9	15490	139,410	58,150
22" x 40'-0"	3167/218	5350	91.6	7	18580	130,060	56,870
22" x 38'-0"	3167/218	5100	86.9	8	17630	141,040	61,010

HELIUM TRAILER INFORMATION

@ 70 degrees Fahrenheit ambient

Tube Dimension o.d. x length	Service Pressure (psi/bar)	Tube Weight (lbs) ea.	Tube Volume (ft ³)	Number Of Tubes In Trailer	Gas Volume Per Tube (SCF)	Total Volume Per Trailer (SCF)	Total Weight of trailer (lbs)
22" x 40'-0"	2160/149	4100	94.1	12	12970	155,640	60,800
22" x 40'-0"	2668/184	4550	93.2	11	15600	171,600	61,820
22" x 38'-0"	2668/184	4230	88.4	12	14790	177,480	62,590
22" x 40'-0"	3167/218	5350	91.6	9	17980	161,820	59,810
22" x 38'-0"	3167/218	5100	86.9	10	17060	170,600	62,750

HYDROGEN TRAILER INFORMATION

@ 70 degrees Fahrenheit ambient

Tube Dimension o.d. x length	Service Pressure (psi/bar)	Tube Weight (lbs) ea.	Tube Volume (ft ³)	Number Of Tubes In Trailer	Gas Volume Per Tube (SCF)	Total Volume Per Trailer (SCF)	Total Weight Filled Tubes (lbs)
22" x 40'-0"	2538/175	5350	91.6	9	14350	129,150	58,830
22" x 38'-6"	2538/175	5165	88.1	10	13800	138,000	62,380
22" x 37'-6"	2750/190	5440	84.9	9	14280	128,520	59,630
22" x 40'-0"	2750/190	5800	90.8	9	15270	137,430	62,920
22" x 36'-0"	3300/228	6225	79.5	8	15690	125,520	60,460
22" x 38'-0"	3300/228	6575	84.1	8	16600	132,800	63,300

*** Charts depict common configurations**

Custom packages for specific service pressures and payloads are available.

Key Features:

- Newly manufactured tubes
- Proven reliability and unmatched durability, with no limited service life
- Material can be ordered for customized designs



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