

Alternative Fuels Transportation

The use of CNG or Hydrogen as an alternative fuel has had a significant impact on reducing energy dependence on foreign oil. With the increased supply of natural gas derived from shale deposits, CNG is efficient and economical to use in place of diesel or gasoline. CP Industries seamless steel pressure vessels provide an efficient means of containing and transporting CNG or Hydrogen under a wide range of service conditions. Our tubes 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. CP Industries can supply a cost effective, reliable solution for transporting Hydrogen or CNG to operate equipment or act as a pipeline for distribution of alternative fuels.

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- Trailers are designed to comply with US DOT and Canadian regulations
- Modules are certified to IMDG
- Vessels produced to DOT and ISO 11120/UN specifications
- Custom designs to meet your specifications and payload
- Available for domestic and international markets
- In-house technical support and expertise

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



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COMPRESSED NATURAL GAS (CNG) 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"	2538/175	5350	91.6	8	20560	164,480	59,500
22" x 37'-6"	2538/175	5035	85.7	9	19240	173,160	63,200
22" x 37'-6"	2750/190	5440	84.9	8	20480	163,816	60,200
22" x 39'-0"	2750/190	5650	88.4	8	21320	170,560	62,870
22" x 36'-0"	3300/228	6225	79.5	7	22140	154,980	59,850
22" x 38'-0"	3300/228	6575	84.1	7	23420	163,940	62,700

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 configurations that are most common. Higher service pressures are available.

Key Features:

- Newly manufactured tubes
- ISO 11120 approved for embrittling gas service
- Tube requalification interval: ISO - 10 years, DOT - 5 years
- Proven reliability and unmatched durability
- No limited service life
- Material can be ordered for customized designs



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