

# LH<sub>2</sub> TRANSPORT TRAILER

ST-18600H 155 PRESSURE TRANSFER SYSTEM



## Liquid Hydrogen Transport System

Chart has developed the industry's first 10,000-pound payload ST18600H trailer to improve efficiency and logistics in your delivery operations, helping to meet the increasing demand for LH<sub>2</sub>. In times of driver shortages, this trailer with the largest payload in the industry meets US DOT requirements and is California-bridge law compliant when paired with an appropriate tractor – including alternative fuel tractors utilizing the 82,000-lb GVWR exception.

The double-insulated trailers meet the same high-performance and operation standards that come with the Chart brand.

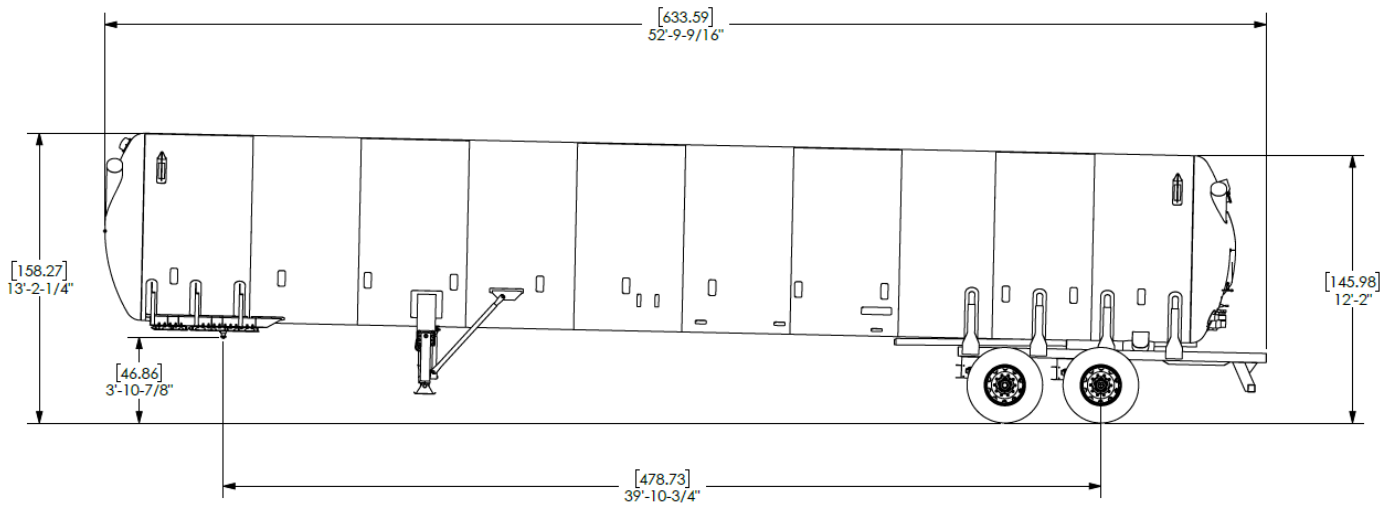


*James Russell Engineering Works (JRE) is at the heart of the LH<sub>2</sub> trailer designs. Chart acquired the Alabama trailer production facility and assets in 2020 and continues to build on JRE's nearly 60 year history providing liquid hydrogen trailers.*



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## Specifications

Model ST-18600H 155	
Gross Capacity	18,659 gal / 70,632 liters
Maximum Permissible Weight of Liquid	10,160 lb / 4,608 kg
Estimated Weight Empty	46,000 lb / 20,865 kg
Estimated Weight Full (Capacity)	56,000 lb / 25,401 kg
Length	52 ft 9-1/2 in / 16,091 mm
Width	8 ft 6¼ in / 2,597 mm
Height (Empty)	13 ft 2-13/16 in Front / 4,034 mm, 12 ft 1-7/8 in Rear / 3,705 mm
MAWP	155 psig / 10.69 barg
Axle Configuration	Double Axle

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