

LH₂ TRANSPORT TRAILER

ST-8500H 110 PRESSURE TRANSFER SYSTEM



Liquid Hydrogen Tandem Transport System

Chart has developed the ST8500H delivery system to improve logistics in your delivery operations, helping to meet the increasing demand for LH₂. The shorter, compact trailer meets US DOT requirements to operate in tandem or doubles configuration—two trailers pulled by one tractor.

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



TRAILER SERIES

James Russell Engineering Works (JRE) is at the heart of the LH₂ trailer designs. Chart acquired the Alabama trailer production facility and assets in 2020 and continues to build on JRE's 55+ year history providing liquid hydrogen trailers.



Cooler By Design.®

LH₂ TRANSPORT TRAILER

ST-8500H 110 PRESSURE TRANSFER UNIT



Specifications

Model ST-8500H 110

Gross Capacity	8,485 gal / 38,573 liters
Maximum Permissible Weight of Liquid	4,622 lb / 2,096 kg
Estimated Weight Empty	26,000 lb / 11,793 kg
Estimated Weight Full (Capacity)	30,907 lb / 14,019 kg
Length	27 ft 11 in / 8,509 mm
Width	8 ft 6¼ in / 2,597 mm
Height (Empty)	13 ft Front / 3,962 mm 12 ft 6 in Rear / 3,810 mm
MAWP	110 psig / 7.58 barg
Axle Configuration	Single Axle

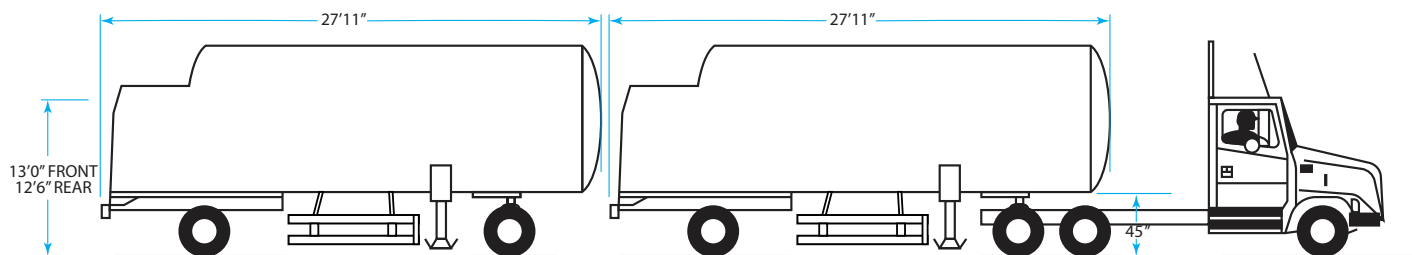


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