

Mobile Pipeline® X-STORE



Features and Benefits



Cost effective

Delivers lowest total cost of ownership in the industry



Lightweight

Move gas, not steel. Type 4 composite cylinders are 75% lighter compared to steel



Sustainability

Optimum capacity results in reduced number of trips and decreased carbon footprint



Mobile refueling solution

Ideal for refueling fleets with biomethane



Safe

More than 700,000 cylinders manufactured for the transportation industry, including 1,700 gas transport modules delivered to customers



Resilience and flexibility

Quickly deployable in emergency response, and other mission critical operations. No pipeline, no problem

Specifications

		X-STORE 10 ft	X-STORE 20 ft	X-STORE 30 ft	X-STORE 40 ft	X-STORE 45 ft	X-STORE 48 ft
Approvals	Cylinders	According to ISO 11439					
	System	Leak tested according to DIN EN 1779, not approved for U.S. and Canada					
	Container	According to ISO 668 including CSC approval				According to CSC	
	Corner Castings	According to ISO 668 including CSC approval					
Hydraulic Capacity (approx).	l	8,400	18,900	29,400	39,900	45,150	47,950
Nominal Transport Capacity (15° C)	m³	2,460	5,550	8,630	11,710	13,250	14,080
Container Dimensions length x width x height	mm	3,048 x 2,438 x 2,743	6,058 x 2,438 x 2,743	9,087 x 2,483 x 2,743	12,192 x 2,438 x 2,743	13,176 x 2,438 x 2,743	14,630 x 2,438 x 2,743
Net Weight Container, approx.	kg	5,420	11,320	17,130	22,790	25,670	27,370
Gas Weight CNG (D=0.75 kg/m3)	kg	1,770	3,990	6,210	8,430	9,540	10,140
Total Weight + CNG	kg	7,190	15,310	23,340	31,220	35,210	37,510
Quantity of Cylinders	pcs	24	54	84	114	129	137
Min. Residual Pressure (15 °C)	MPa (bar)	1 (10)					
Operating Pressure (15° C)	MPa (bar)	25 (250)					
Burst Pressure, minimum	MPa (bar)	59 (590)					
Cylinder Operating Temperature	°C	-40 / +65					
Cylinder Type		Type 4					
Cylinder Marking		TH_500_HY_3a					
Cylinder Design		Hybrid (glass fiber over carbon fiber)					
Cylinder Liner Material		High density polyethylene (HDPE)					
Service Lifetime		Limited to 20 years					

1) Actual volumes of natural gas delivered will vary due to numerous variables. Please contact Hexagon Agility's team for more information regarding actual volume of gas that you can expect to deliver.

X-STORE ADR Gas Modules



Specifications

		X-STORE 10 ft	X-STORE 20 ft	X-STORE 30 ft	X-STORE 40 ft	X-STORE 45 ft
Approvals	Cylinders	According to ISO 11119-3 / EN 12245*				
	System	ADR approved and leak tested according to DIN EN 1779				
	Container	According to ISO 668 including CSC approval				According to CSC
	Corner Castings	Castings According to ISO 668				
Hydraulic Capacity (approx).	l	8,400	18,900	29,400	39,900	45,150
Nominal Transport Capacity (15° C)	m³	2,460	5,550	8,630	11,710	13,250
Container Dimensions length x width x height	mm	3,048 x 2,438 x 2,743	6,058 x 2,438 x 2,743	9,087 x 2,483 x 2,743	12,192 x 2,438 x 2,743	13,176 x 2,438 x 2,743
Net Weight Container, approx.	kg	4,220	8,680	13,050	17,270	19,430
Gas Weight CNG (D=0.75 kg/m³)	kg	1,770	3,990	6,210	8,430	9,540
Total Weight + CNG	kg	5,990	12,670	19,260	25,700	28,970
Quantity of Cylinders	pcs	24	54	84	114	129
Min. Residual Pressure (15 °C)	MPa (bar)	1 (10)				
Operating Pressure (15° C)	MPa (bar)	25 (250)				
Burst Pressure, minimum	MPa (bar)	75 (750)				
Cylinder Operating Temperature	°C	-40 / +65				
Cylinder Type		Type 4				
Cylinder Marking		TH_500_3				
Cylinder Design		Full carbon				
Cylinder Liner Material		High density polyethylene (HDPE)				
Service Lifetime		Unlimited				
Inspection Standard		ISO 11623				

1) Actual volumes of natural gas delivered will vary due to numerous variables. Please contact Hexagon's team for more information regarding actual volume of gas that you can expect to deliver.