

# GasLiner

## Multifunctional Mobile Gas Refueling System – GasLiner

### Technical info sheet

	1 module (Basic package)	4 modules (Intermediate package)	8 modules (Maximum package)
GasLiner model	1M	4M	8M
Design of GasLiner system	Multifunctional module on single chassis	Multifunctional modules on chassis (or semi-trailer)	Multifunctional modules on semi-trailer
Functionality of GasLiner system	CNG Compression, Storage, Transportation, Unloading		
Technology employed	Multifunctional liquid piston		
Loading Flow Rate	40 m <sup>3</sup> /h (16 bar inlet pressure)	160 m <sup>3</sup> /h (16 bar inlet)	320 m <sup>3</sup> /h (16 bar inlet)
Power consumption per 1 m <sup>3</sup> of gas compression and refueling	0.2 kW/m <sup>3</sup> (16 bar inlet)	0.2 kW/m <sup>3</sup> (16 bar inlet)	0.2 kW/m <sup>3</sup> (16 bar inlet)
Transported gas volume (at 250 bar)	800 m <sup>3</sup>	3 200 m <sup>3</sup>	6 400 m <sup>3</sup>
Cylinder unloading coefficient	98%		
Flow rate	8.9 m <sup>3</sup> /min	36 m <sup>3</sup> /min	71 m <sup>3</sup> /min
Complete unloading time	90 min		
One storage cylinder volume	350 l (Type IV)		
Total storage volume	3 150 l w/c	12 600 l w/c	25 200 l w/c
Cylinder working pressure	25 MPa		
Operating temperature range	From -30 to +40 °C	From -30 to +40 °C	From -30 to +40 °C
Number of cylinders	9 (Type IV) and 4 (Type I)	36 (Type IV) and 16 (Type I)	72 (Type IV) and 32 (Type I)
GasLiner system's weight (without chassis)	3.2 t	12.8 t	25.6 t
Number of independent filling stations/dispensers	Upon request		
Dimensions (without chassis), m (L x W x H)	1.5 x 2.4 x 2.8 m	6.0 x 2.4 x 2.8 m	12.0 x 2.4 x 2.8 m
Picture/3D model			