

The All-Purpose Gas Transport, Storage and Supply Vessels

Introducing the Euro-Cyl

- Ideal for transportable or stationary gas supply
- Easy to adjust pressure control
- Front-mounted valves and instruments within easy reach and visibility
- European Ready ... TPED coded

Superior Performance

- Rugged, maneuverable and fast filling
- Gas and/or liquid withdrawal
- Continuous flow rates from 21 Nm³/h to 42 Nm³/h
- Automatically optimizes operating pressure and reduces losses

Cost Effective

- Super-insulation provides long holding time and low nominal evaporation rate
- All stainless steel construction and inner support system for durability and long life
- Compact vertical design improves performance and space utilization
- Chart's combination regulators allow easy pressure adjustment using a built-in pressure scale



Three Convenient Sizes

- 600 Liters
- 800 Liters
- 1000 Liters

5-year
vacuum
warranty

Popular Options

- Low pressure plumbing modification (1,7 bar, 4 bar and 15 bar)
- Top-Fill
- Add-on product vaporizer
- Gauge isolation valves
- Gas supply manifold

Model		600/24 M12	600/37 M12	800/24 M12	1000/24 M12
Capacity					
Liquid (gross)*	(liters)	601	601	801	997
Liquid (net)	(liters)	571	571	761	947
Gas (N ₂)**	(Nm ³)	369	369	492	612
Gas (O ₂)**	(Nm ³)	456	456	607	756
Gas (Ar)**	(Nm ³)	446	446	594	478
Gas (CO ₂)**	(Nm ³)	293	293	391	486
Gas (N ₂ O)**	(Nm ³)	304	304	405	504
Capacity					
NER*** (N ₂)	(% per day)	1,6	1,6	1,5	1,5
Gas Flow (N ₂ , O ₂ , Ar) / with aux. Vaporizer	(Nm ³ /hr)	21 / 30	21 / 28	25 / 35	27,5 / 42
Gas Flow (CO ₂ or N ₂ O) / with aux. Vaporizer	(Nm ³ /hr)	7 / 10	7 / 10	8 / 11	9 / 12
Maximum Relief Valve Setting	(bar)	24	37	24	24
Code		TPED (EN1251)			
Dimensions					
Tank Diameter	(mm)	900	900	1050	1100
Base Dimension (LxW)	(mm)	1010 x 1010	1010 x 1010	1130 x 1130	1180 x 1180
Height	(mm)	2050	2050	2100	2150
Tare Weight (approx.)****	(kg)	625	700	765	830
Maximum Full Weight (Tank plus Prod.; app.)	(kg)				
LIN**		1083	1158	1376	1591
LOX**		1277	1352	1634	1911
LAR**		1421	1496	1825	2150
LCO ₂ **		1256	1331	1607	1878
LN ₂ O**		1237	1312	1581	1845

* Volume tolerance is ±4%

** At 0 barg pressure for N₂, O₂, Ar and 10 bar for CO₂, N₂O

*** NER: Nominal Evaporation Rate

**** Additional product vaporizer adds approx. 20 kg

Note: All models and specifications are conditional and subject to change without prior notice.

