

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

\* Volume tolerance is ±4%

\*\* At 0 barg pressure for N<sub>2</sub>, O<sub>2</sub>, Ar and 10 bar for CO<sub>2</sub>, N<sub>2</sub>O

\*\*\* 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.**

