

Storage Cylinders

Storage tanks are frequently used to provide extra filling capacity during peak periods. The storage cylinders can either be opened „all at once“ in a single stage, or „cascaded“ into the cylinders to be filled, usually in 3 stages. Ideally the storage pressure should be higher than the filling pressure, 300 bar storage systems are the most common. The storage systems can be used with most compressors and are best suited for automatic operation (e.g. ECC or auto start option). L&W has a full range of storage modules each of which can be combined with other modules for individual configuration.

Specifications

- >> Steel tanks 10 year hydro test, powder coated in accordance with EN 1089/3
- >> Working pressure: 200, 300, 350 or 420 bar
- >> Sturdy steel frame, powder coated in RAL 6026
- >> Standard volume 50 litre
- >> Connected according to customer's specifications
- >> Modular construction to accommodate future expansions



Technical Data

Cylinders	Capacity [m³]	W x H x D [cm]	Weight [kg]
300 bar storage WP 300 bar / TP 450 bar			
1 x 50 litre	15	25 x 178 x 30	125
2 x 50 litre	30	50 x 178 x 30	210
3 x 50 litre	45	75 x 178 x 30	310
4 x 50 litre	60	100 x 178 x 30	405
6 x 50 litre	90	Ø 80 x 195	570

Cylinders	Capacity [m³]	W x H x D [cm]	Weight [kg]
350 bar storage WP 350 bar / TP 525 bar			
1 x 50 litre	17,5	25 x 178 x 30	140
2 x 50 litre	35	50 x 178 x 30	240
3 x 50 litre	52,5	75 x 178 x 30	355
4 x 50 litre	70	100 x 178 x 30	465
6 x 50 litre	105	Ø 80 x 195	660