

# L&W

## ***STORAGE CYLINDERS & STORAGE MANAGEMENT***



### **Storage Module Features:**

- ◊ Steel tanks with 10 year hydro test, powder coated in accordance with EN 1089/3
- ◊ Working pressure: 200, 300, 350 or 420 bars
- ◊ Sturdy steel frame, powder coated in RAL 6026
- ◊ Available with 50 or 80 liter pressure vessels
- ◊ Connected according to customer's specifications
- ◊ Modular construction to accommodate future expansions

## Storage and storage management

### „Air supply for fast refills“

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 pressure 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 up to 105 m<sup>3</sup> each of which can be combined with other modules for individual configuration. The **L&W cascade management panels** are available in 1, 2, 3 and 4 stage versions. Consult us with your filling requirements.

### Cascade Panel Features:

- ◊ Steel frame and housing, powder coated in RAL 6026
- ◊ 1, 2, 3 or 4 stage
- ◊ 1 bulkhead inlet with pressure gauge and isolation valve for each stage, easy to operate and control
- ◊ Inlet from the compressor, outlet to a filling panel
- ◊ Ready to connect
- ◊ Modular construction for system expansion



### Auto Filling Selectors, an intelligent solution from L&W:

Some filling stations prefer uncomplicated, but fast filling operations. Simply attach the cylinders to the filling panel and the **L&W auto filling selector** fills the cylinders and then refills the storage when there are no more cylinders to be filled. Fast intelligent filling. Ideal for filling stations where non-technical staff are the operators.

The Auto filling selectors are available in a pneumatic version (storage pressure min 30 bar above filling pressure) or an electronic pneumatic version (storage pressure = filling pressure)

