

Manual Storage Management

Cascade filling panel, connected upstream of the filling panel, a manual Control unit for 2, 3 or 4 stage filling.



Single stage storage management

High pressure valve and pressure gauge can be installed as a storage controll in every L&W filling panel.

Cascade panels

Cascade filling panels are efficient for filling operations without using the compressor (i.e. during silent periods). The separate panels can easiely be without any difficulty added to an existing filling station.

Specifications

- >> Steel frame and housing, powder coated in RAL 6026
- >> Available in 1, 2, 3 or 4 stage versions
- >> Ø 63 mm 0-400 bar glycerine filled pressure gauge for each stage
- >> Hand wheel isolation valve for each stage
- >> 8 mm bulkhead fittings (left), 1 for each stage and 1 for the compressor
- >> 8 mm bulkhead fitting (right) outlet to the filling panel
- >> Ready to connect, fully piped with stainless steel piping



3 stage cascade management panel

Operation

The cylinders to be filled are connected to the filling panel and the filling/cylinder valves are opened. The storage is manually opened starting with the storage stage with the lowest pressure (must be above the remaining pressure in the cylinders) until the pressure has equalised or the filling pressure in the filling panel is reached. This is repeated working up the storage stages until the final stage (the highest pressure) is opened. The storage valve is then turned off and the cylinders can be topped up using the compressor. When all the cylinders on the filling panel are full, the storage can be opened manually, either all together or stage by stage starting with the highest pressure, and are refilled using the compressor. The storage stages need to be closed before the next filling cycle starts.

Technical Data

Order no	No of stages	W x D x H [cm]	Weight [kg]
002957	1	21 x 23 x 33	6.5
002935	2	39 x 23 x 33	10
002329	3	58 x 23 x 33	13
002816	4	78 x 23 x 33	16