

HIGH-PRESSURE STORAGE SYSTEM

ESSENTIAL ELEMENTS OF YOUR SYSTEM

These high-performance storage systems support the short-term availability of large quantities of air and gas and allow a fluctuating air consumption.

At the same time, a carefully selected storage module optimizes runtime of the compressor and also serves as a pulsation damper.

The storage systems are available in pressure stages of 330, 350 and 420 bar. They can be expanded as required by adding 50 or 80 l storage cylinders.

The storage system should be dimensioned to guarantee that the compressor operates continuously for a minimum period of 15 to 30 minutes.

FEATURES

- › 330/350/420 bar
- › 50 l and 80 l cylinders
- › Extendable as required



Storage system 2 x B80 for 330 bar

AUTOMATIC SELECTOR UNIT

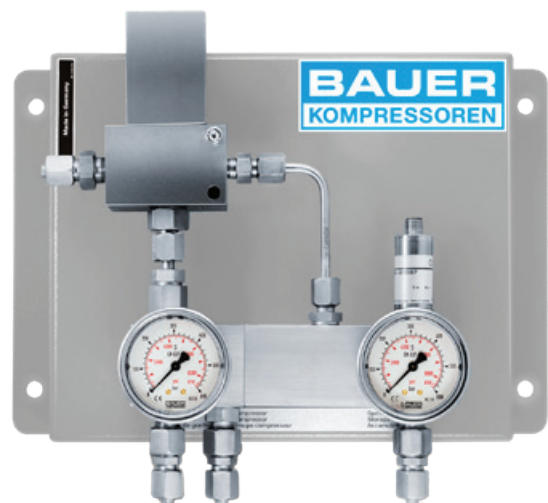
OPTIMISED FILLING PROCESS

The automatic selector unit enables air cylinders to be filled quickly and simultaneously in parallel from a storage system (buffer) and via the compressor.

The storage cylinder connected to the filling panel takes priority for filling, i.e. the storage system and the compressor always start by filling the breathing air cylinders at the filling panel.

Once these cylinders have been filled completely, the storage system is topped up by the compressor.

When the maximum filling pressure is reached in the storage system, the compressor shuts down again entirely automatically. As soon as the next empty air cylinder is connected to the filling panel, the fully automatic filling cycle starts again from the beginning.



Automatic selector unit