

**SHOOTING COMPRESSOR S30**

**PRECISION WHICH HITS THE BULL'S EYE**

*New!*



Pure air in the cartridge guarantees accuracy and a long life time of the shotgun.

Experience and precision of more than 50 years leadership in the manufacture of high pressure compressors are in the new shooting compressor S30.

This means safe filling with purest air in your cartridge delivered by the S30. For a long life time of your air rifle/air pistol!



## WORLDCHAMPION - QUALITY

**BAUER KOMPRESSOREN** remains **unchallenged globally** for the supply of breathing air for diving and fire fighting, applications where **absolute precision** and **safety** is vital.

Marksmen and women can now profit from this **experience** and our **legendary reliability** and **quality** for a precise shot and a long life of the shotgun.



*World champion Petra Horneber stakes on worldchampion quality by BAUER.*

### Developed by marksmen for markswomen/-men

The S 30 was **especially developed for** the filling of **cartridges** of **high pressure shot guns**. As active members of a shooting sport club the engineers of our Development Team know the requirements for a safe and easy to use cartridge filling station!

### Silent, light and compact

**Indoor operation** requires a **silent unit** such as the S 30. Hardly 37 kg and **compact** dimensions make the **transportation** an **easy exercise**.

### Quick in use

Example: An **air rifle cartridge** (0,2 l volume) is filled within **60 seconds** from 50 bar to 200 bar with a FAD of 30 l/min of the S 30.

### Easy operation

1. screw cartridge on adapter or filling ramp
2. switch on compressor unit until final pressure is reached
3. switch off compressor unit, vent and unscrew cartridge

**Ready!**

A **clear operating panel** with **selfexplaining pictographs** make the operation very easy. The **detailed instruction manual** make maintenance work child's play!

### Tested and proven

In tests the S 30 was **certified high quality** and **reliability** by experts. The S 30 has **proven** its **qualities** under **tough operating conditions** in shooting sport clubs.



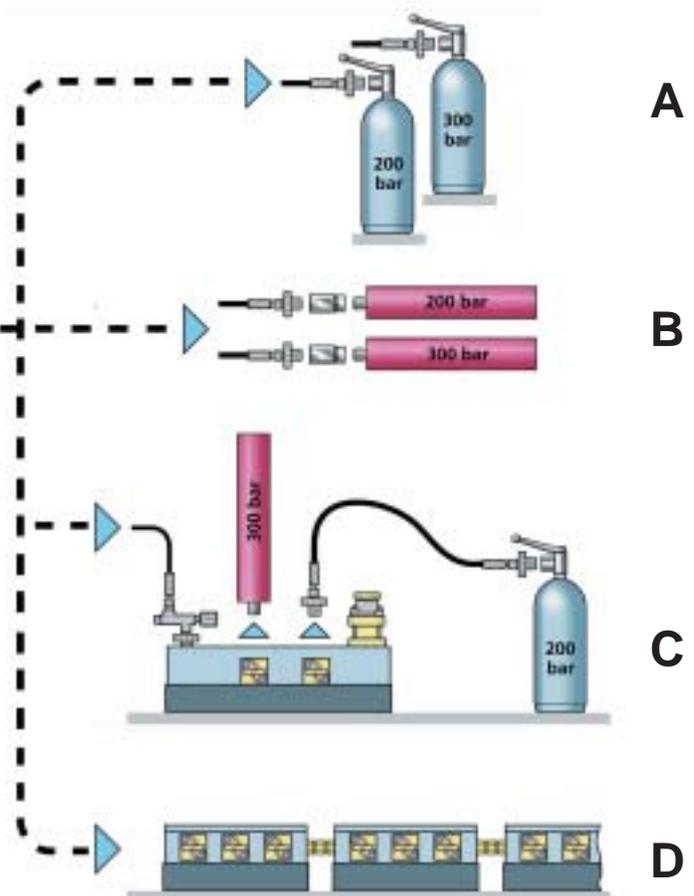
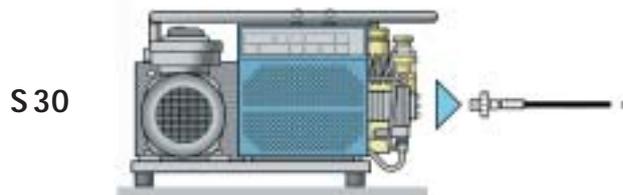
*filling of cylinders*



*direct cartridge filling*

### SYSTEM-TECHNOLOGY FOR PROFESSIONALS

The **S 30** and the **extensive accessories** offer you **all filling options**:  
**Direct** cartridge filling via **filling hose** or **filling ramp**. **Cylinder** filling also possible via filling hose.



**Variation A:**  
 Direct filling of 200/300 bar cylinders via filling hose

**Variation B:**  
 Direct filling of 200/300 bar cartridges for air rifle and air pistol via filling hose and adapter

**Variation C (optional):**  
 Filling of 200/300 bar cartridges or 200 bar cylinders via filling ramp and filling bridge

**Variation D (optional):**  
 Simultaneous filling of several cartridges of the same pressure range (as many modules of three compleable as you like)



*Variation possibilities with compleable modules of three*

### FILL CLEAN - FILL SAFE !

#### Environmentally friendly operation

Due to a **highly efficient cooling system** the S 30 can do without harmful cooling agents.

#### Safe operation

High pressures from 200 to 300 bar require **highest operation** and **working reliability!** The **TÜV-set** and design approved **safety valve** stands for **uncompromising safety** compared to simple pressure switches. The GS-sign certifies this **high safety standard**.



## THE AIR QUALITY DECIDES

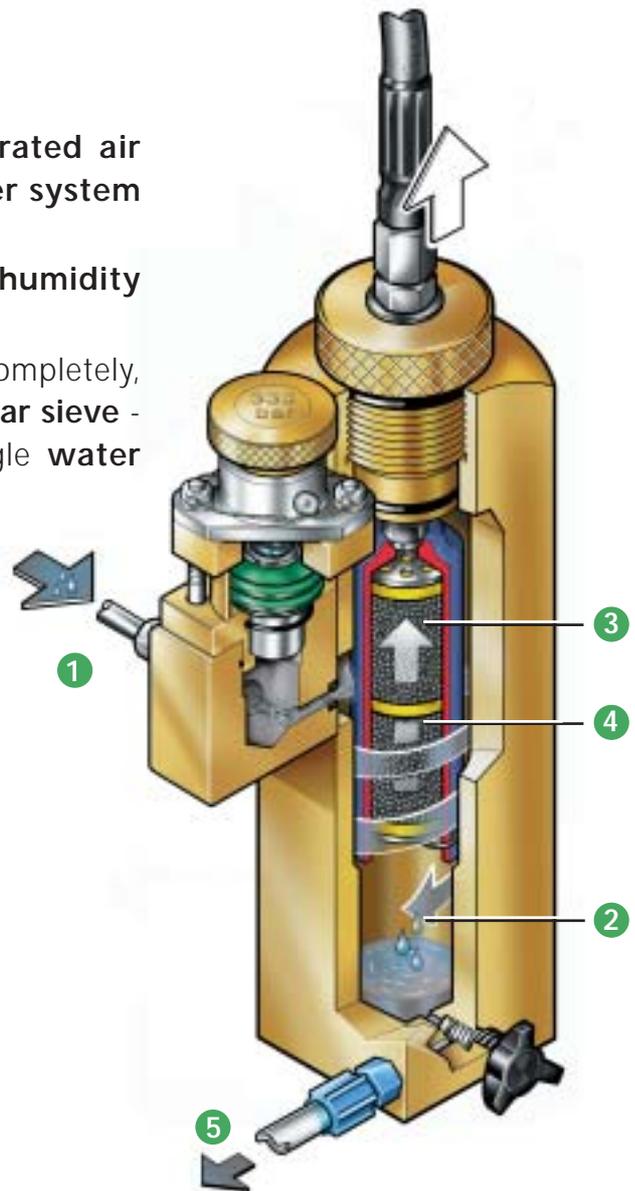
The **superb BAUER filter system** of the S 30 guarantees that **only pure, particle free and absolutely dry air** is filled in the cartridge.

Because humidity in the compressed air would finally result in corrosion in the shotgun, in the cartridges and in the storage cylinders. Apart from damages to the shotgun, inadequately purified and dehumidified air would have a negative influence on the accuracy, too: corrosion in the barrel can slow down the speed of the projectile. And particles in the air settle down on mechanical components like trigger mechanism and delay the release if an efficient filter system is missing.

**NOTE: The S 30 must not fill any breathing air cylinders as the filter system does not supply breathing air quality acc. to DIN EN 12021 !!!**

## THE FILTER SYSTEM

- 1 the **compressed** but still **contaminated, saturated air** passes from the compressor block **into the filter system**
- 2 the **cyclon separator** catches the **drop-shaped humidity**
- 3 the **drying cartridge** removes **water vapour** completely, via special granules. The granules - called **molecular sieve** - have pores, which are that tiny that even single **water molecules** are **adsorbed**.
- 4 **micro particle filters** in the filter cartridge filter **even tiniest particles**
- 5 the **humidity** is **collected** at the bottom of the cartridge and is **drained** at regular intervals of approx. 15 min. via manual **drain valve**



## TECHNICAL DATA

FAD:	30 l/min
Operating pressure:	200 bar/300 bar
Drive:	1,1 kW
Dimensions:	600 mm x 330 mm x 340 mm
Weight:	approx. 37 kg



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