

Pneumatic packages and force output pre-selector for pneumatic and hydro-pneumatic presses

Depending on the level of safety required, the **SCHMIDT® PneumaticPress** and **HydroPneumaticPress** can be controlled via a single-channel (e.g. in shielded units) or via a two-channel pneumatic safety block (e.g. together with **SCHMIDT® Press-Control 70, 500 A** or **3000** and the approved safety module). The operational pressure is between 3 and 6 bars (43 and 87 psi). Pressure can be regulated to 1 bar (14 psi). With the

force output pre-selector (standard on hydro-pneumatic presses) the pressure can be regulated to under 1 bar (14 psi). The approach force can be adjusted precisely via the regulator. The force output pre-selector and the block to pneumatic safety block are available in two sizes (ISO 1 and ISO 2) depending on the air consumption of the press.



Force output pre-selector and independent power stroke control

- Pressure reducing valve with gauge
- Connectors 1/4" (ISO 1)
- Connectors 1/2" (ISO 2)



Single-channel pneumatic safety block

- Service unit with main air valve (manual), filter pressure regulator, gauge and high-performance muffler
- Pneumatic manifold block with 5/2-way solenoids valve
- Connectors 1/4" (similar to ISO 1)
- Connectors 1/2" (similar to ISO 2)

For integration with automated systems.



Two-channel pneumatic safety block

- Service unit with main dump valve (3/2-way magnetic valve), filter, pressure regulator, P/E signal converter, gauge and high-performance muffler
- Pneumatic manifold block with two 5/2-way solenoids valves
- 8-port manifold
- Connectors 1/4" (similar to ISO 1)
- Connectors 1/2" (similar to ISO 2)

Safety component for EC type-approved press systems by **SCHMIDT Technology**.