

SCHMIDT® HydroPneumaticPress

Control versions



Single-channel control
(Integration of the press in an automatic installation)

Press-specific accessories

Optional

- Ram drift lock to secure ram in home position when air supply has been removed.
- Force output preselector approx. 3...6 bar.

Controlling the rapid approach stroke

Single-channel pneumatic control block
Incl. throttle for adjusting the speed in working stroke

Controlling the power stroke

- a) **Only pneumatically** via differential pressure valve
- b) **Electrically** via electromagnetic valve

Inductive switches for TDC / BDC

External control

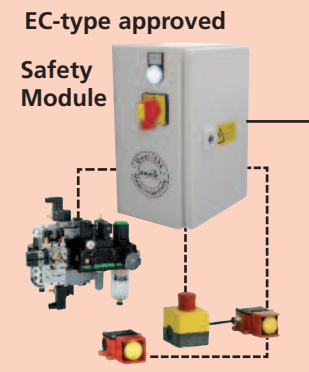
Two-channel control
(With manual loading of the machine)

Control unit SCHMIDT® PressControl 70 / 600 ¹⁾

Additional valves: Option 1
1/8" – 5/2 additional valves mounted to the pneumatic control block

- 2-hand-release
- Light curtain

Additional valves: Option 2
CAN bus valve terminal



CAN bus

Control unit SCHMIDT® PressControl 70 / 600 ¹⁾



USB

ControlTool

¹⁾ in development

SCHMIDT® SafetyModule
Safety circuit with terminals to connect the 2-channel pneumatic block and the release elements. The release of the press, 2-hand-release or automatic mode (light curtain or pneumatic guard door), must be configured and parameterized accordingly. The communication with the control is via CAN-Bus.

2-channel pneumatic block
inclusive 2 flow controls for the speed adjustment in the working and return stroke.