

# 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. 1...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

- Only pneumatically** via differential pressure valve
- Electrically** via electromagnetic valve

**Inductive switches** for TDC / BDC feedback

**External control**

### Two-channel control

(With manual loading of the machine)

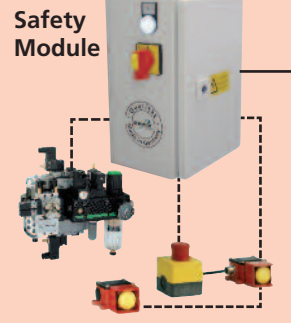
Control unit SCHMIDT® PressControl 70 / 600 <sup>1)</sup>

**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

EC-type approved



CAN bus

Control unit  
SCHMIDT®  
PressControl  
70 / 600 <sup>1)</sup>

USB



ControlTool

<sup>1)</sup> 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.