

SCHMIDT® Pneumatic Press

Control Versions without Force-Stroke-Monitoring



Single-channel Control

Integration of the press in an automatic installation

Single-channel pneumatic Control Block
incl. flow control for adjusting the speed in working stroke

2 Cylinder Switches
for inquiry TDC/BDC incl. holding fixture

External Control

Control Unit
SCHMIDT®
PressControl
70 / 600 without safety equipment

Two-channel Control

With manual loading of the machine

Additional Valves – Option 1
1/8" – 5/2" additional valves mounted to the pneumatic control block (not for PressControl 70)

- 2-hand-release
- Light curtain

CAN bus Coupler with in-/output Terminals
CAN bus valve terminal (not for PressControl 70)

EC-type approved

SCHMIDT®
SafetyModule

CAN bus

Control Unit
SCHMIDT® PressControl
70 / 600

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.

SCHMIDT® PneumaticPress

Control Versions with Force-Stroke-Monitoring



Single-channel Control

Integration of the press in an automatic installation

Single-channel pneumatic Control Block

Incl. flow control for adjusting the speed in working stroke

CAN bus Coupler with in-/output Terminals

for wiring the valve and press sensors

External Control

Interface to external Control

- a) CAN bus coupler with input/output boards
- b) CAN-Profibus-Gateway

CAN bus

CAN bus



Control Unit SCHMIDT® PressControl 600 without safety equipment

Data acquisition

Two-channel Control

With manual loading of the machine

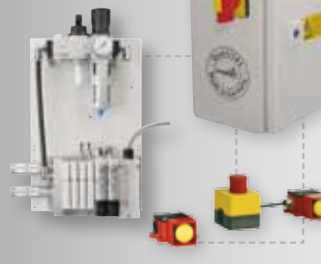
Additional Valves

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

- 2-hand-release
- Light curtain

EC-type approved

SCHMIDT® SafetyModule



External Control

Interface to external Control

- a) CAN bus coupler with in-/output terminals
- b) CAN profibus gateway

CAN bus

CAN bus Coupler with in-/output Terminals

CAN bus valve terminal

Data acquisition



Control Unit SCHMIDT® PressControl 600

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.