**SCHMIDT® HydroPneumaticPress**

Control Versions without Force-Stroke-Monitoring

**Single-channel Control**
Integration of the press in an automatic installation

**Single-channel pneumatic Control Block**
Incl. throttle for adjusting the speed in working stroke

**Controlling the rapid Approach Stroke**

**Controlling the Power Stroke**

- **a) Pneumatically**
  via differential pressure valve
- **b) Electrically**
  via electromagnetic valve

**Inductive Switches**
for TDC / BDC

**Control Unit**
SCHMIDT® PressControl 70 / 600 without safety equipment

**External Control**

**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
- 2-hand-release
- Light curtain

**Additional Valves: Option 2**
CAN bus valve terminal

**SCHMIDT® SafetyModule**
EC-type approved

**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® HydroPneumaticPress
Control Versions with Force-Stroke-Monitoring

Single-channel Control
Integration of the press in an automatic installation

Electrical Power Stroke Connection
incl. force output preselector

Single-channel pneumatic Control Block
incl. throttle 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

Data acquisition

Control Unit
SCHMIDT® PressControl 600
without safety equipment

Two-channel Control
With manual loading of the machine

CAN bus

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

Electrical power stroke connection incl. force output preselector.

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

2-hand-release
Light curtain

CAN bus coupler with input/output boards

Data acquisition

External Control
Interface to external Control
a) CAN bus coupler with input/output boards
b) CAN profibus gateway

CAN bus coupler with input/output boards

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.

CAN bus

Additional Valves: Option 2
CAN bus valve terminal

SCHMIDT® SafetyModule
without safety equipment

CAN bus coupler with input/output boards

External Control
Interface to external Control
a) CAN bus coupler with input/output boards
b) CAN profibus gateway

CAN bus coupler with input/output boards

SCHMIDT® SafetyModule
without safety equipment

EC-type approved

SCHMIDT® PressControl 600
without safety equipment

Simply the best! | 53