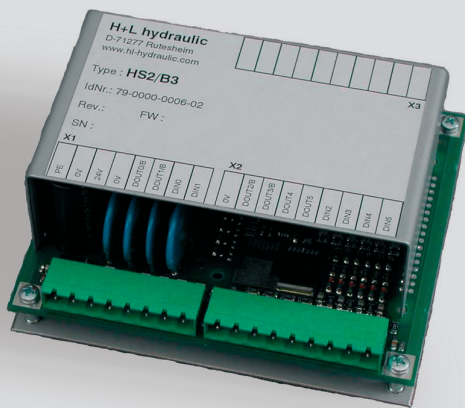


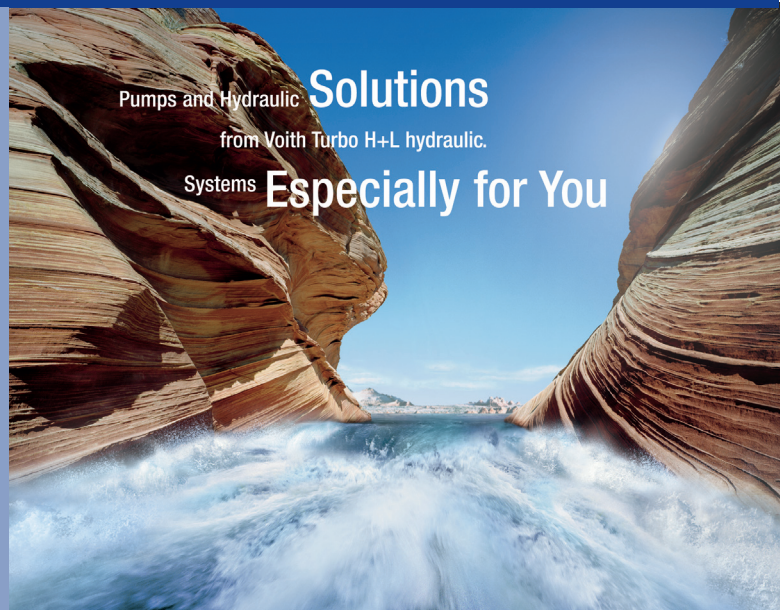
Voith Turbo

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Electronic Control HS2



Electronic control HS2 is the optimal control for punching systems HSE and ECO. All specific process cycles are defined in the firmware of the HS2, so that the user control (PLC/CNC) does not have to implement these. The hydraulic know-how is provided here „in the silicon“.



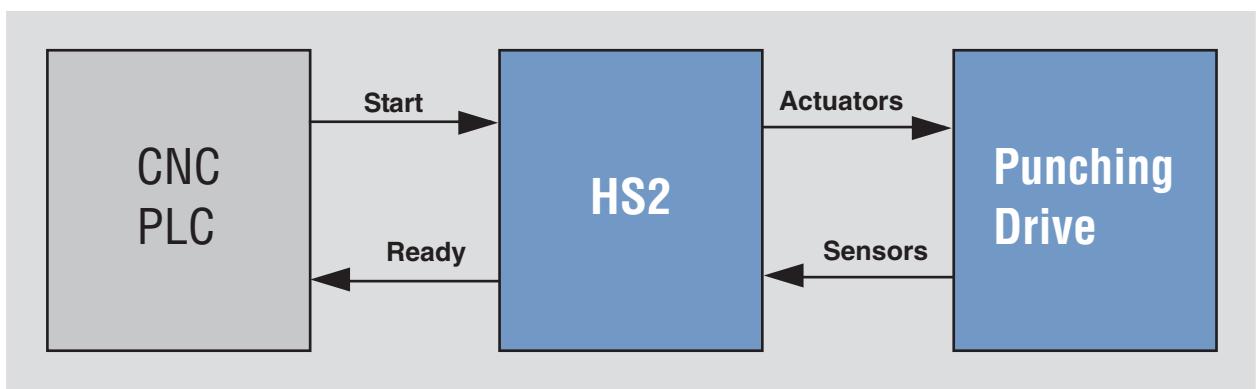
The integration of the punch unit into the total concept of press control is very easy: few digital E/As and a data interface between CNC and HS2 are necessary. An RS-232 data interface can be used optionally to connect HS2 to the CNC. The hydraulic sensors and actuators are processed and controlled by the HS2.

 **hydraulic**

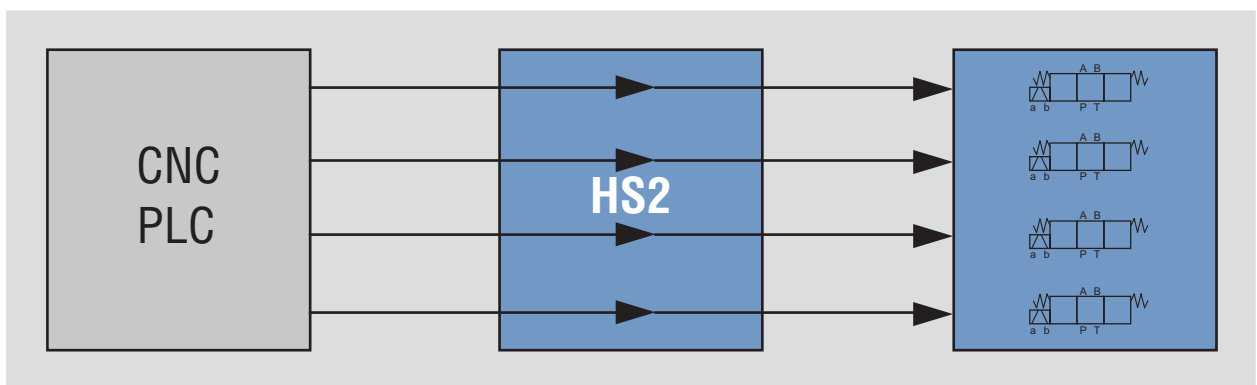
Features

- Optimum electronic control for ram control units and fast switching directional control valves
- Fast switching times via boosting
- Data interface: RS-232
- Mounting on 35 mm DIN bar
- Cycle time: 0,2 ms

Functional Diagram HS2 for Punching Drives



Functional Diagram HS2 for Fast Switching Directional Control Valves



Technical Data

General		
Mounting		inside switch cabinet on 35 mm bar
Cycle time	ms	0,2
Technologies		punching, forming, rollforming
Ambient temperature	°C	+5 to +50
Mounting position		with free vertical convection
Electrical		
Voltage supply ($\pm 10\%$)	V	24 DC
Power consumption	VA	100 max.
Data interface		RS-232
System of protection DIN 40050		IP20

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