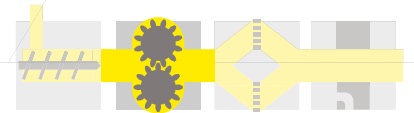


DIGITALIZATION >



maax PC

Pump Control System for extrusion line integration

The PC automation system is particularly suitable for stand alone or retrofitting of gear pumps in extrusion lines.

Operation, control, regulation and monitoring of the operating parameters are simplified. Production data are displayed transparently and operation is simple and intuitive. Process and production safety of the line are increased.



Your benefits

- Simple and clear operation of the start-up and shutdown routines
- Quick and precise control of the extruder or pump speeds
- Independent start-up and production control of the pump speed
- Integrated temperature control of the line components
- Fast troubleshooting thanks to plain text messages

maax PC

Pump Control System for extrusion line integration

Features

- Comfortable operation via touch panel
- Temperature zones max. 6
- Online language switching
- Start-up and production control of the pump speed
- Remote access possible at any time

Operation

- Automatic acceleration to start-up speed on starting
- Operation with pressure control right from the start
- Integrated filter monitoring
- Quick and exact control of the pump inlet pressure

maax PC	Standard	Options
Control Unit	Extrusion or Compounding mode included	—
Pump Inverter:	0.55 KW to 110.00 KW	—
Electrical heating of the Pump and Adapter	3 Heating Zones + 1 Melt temperature input	6 Heating Zones + 2 Melt temperature input
Monitor	Siemens KTP 400 (4 Inch Touch Panel)	Siemens TP 700 (7 Inch Touch Panel)
Cabinet size 1 (0.55 to 7.5 kW)	1200 x 800 x 300 mm	2100 x 1000 x 500 mm
Cabinet size 2 (11.0 to 110.0 kW)	2100 x 1000 x 500 mm	—
Interface:	—	Profinet/Ethernet
Swingarm:	—	Swingarm including Control Panel

With maax PC you get full service on demand

- Supply of the complete electrical equipment, including the automation system
- Design and supply of all required mechanical assemblies and parts, such as connections, flanges, subframes
- Supply and control engineering integration of melt filtration systems
- Installation of the electrical and mechanical assemblies
- Process engineering optimization and advice
- Commissioning, incl. training of the operating personnel
- 24/7 service with short response times

Maximum configuration overview (included in Standard)

Extruder			Filter			Pump			Additional Drive		
Drive	PID / Control	Monitoring	Drive	Control	Monitoring	Drive	PID / Control	Monitoring	Drive	Line / Control	Monitoring
—	1	1	—	—	1	1	1	1	—	1	1