

maax 3



Features:

- Convenient and safe operation via rotary control button
- Inlet pressure control integrated
- optional heating controller

Benefits:

- Simple and clear operation of the line
- Cost effective control system with integrated shut down and interlock function

Trouble-free retrofitting

Integrating new components into an existing extrusion or compounding line calls for modifications to the control technology. The coordination of these components poses a huge challenge. The **maax 3** automation system is the ideal solution for integrating melt pumps. Plant flexibility is enhanced by the effect of additional features, e.g. on pump inlet pressure over the setpoint value (pump inlet pressure control).

Method of operation:

- Error detection via code messages
- Automatic run-up to initial start speed
- Software for Compounding or Extrusion control
- Quick and precise control of pump admission pressure

Technical specifications:

Analogue inputs 0–10 V:	4
Analogue outputs 0–10 V for drive actuation:	1
Melt pressure measurements:	2
Configurable control circuits:	1 (Pump inlet pressure)
Parker keypad:	G 911 backlight display
Operating/storage temperature:	0 to +50°C / –20 to +60°C
Logs:	alarm

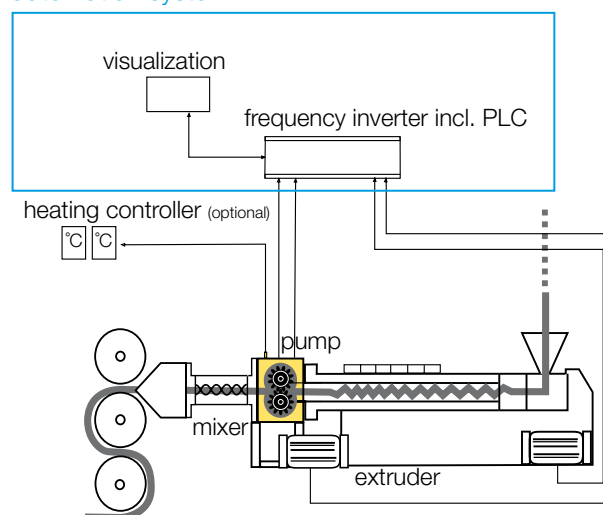
maax 3 offers you a full service:

- All electrical equipment incl. the automation system supplied
- Supply and construction of all required mechanical assemblies and parts including connectors, flanges, bases, etc.
- Installation of electrical and mechanical assemblies
- Process technology optimisation and guidance
- Commissioning incl. operator training
- “Round-the-clock” service with short response times

maax 3 as a component of expac®

As a system supplier, Maag Pump System offers complete assemblies for your extrusion plant comprising **extrex®** gear pump, screen changer*, **maax 3** and drive unit. As a sum total of the individual parts, the **expac®** system enhances the productivity of your process. The experience garnered by Maag Pump Systems allows all components to be wisely networked, hence achieving an optimised solution and significantly increasing operational reliability. Integrated statistical functions and process data storage enable a transparent quality management system. Plant flexibility is also enhanced by the effect of additional tolerances, e.g. on pump admission pressure over the setpoint value (pump admission pressure control).

* optional

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