

# maax 62



## Features:

- Convenient and safe operation via colour display with touch function and keys
- Up to 30 temperature zones
- Online language changeover

## Benefits:

- Simple and clear operation of the line start and stop procedures
- Increased productivity, previously used operating parameters can be called up easily, long levelling is avoided and the line is quickly made operable during product changeover (cost saving)
- Scalable visualisation of various operating parameters in a trend display

## Flexible system construction

The improvement or redesign of existing extrusion plants calls for tailored, highly flexible solutions.

The **maax 62** automation system is the ideal solution for equipping complete and complex extrusion and compounding plants. Operation, control and adjustment of operating parameters are clearly arranged and operation is simple and intuitive. The modular and project-specific structure enables optimised flexibility of design. Integrated statistical functions and process data storage enable a transparent quality management system.

## Method of operation:

- Quick error detection via plain text messages
- Automatic run-up to initial start speed
- Pressure controlled operation from start
- Integrated filter monitoring
- Monitoring and data logging of all required process values (data recording)
- Integrated temperature control of plant components
- Quick and precise control of pump inlet pressure

**Technical specifications:**

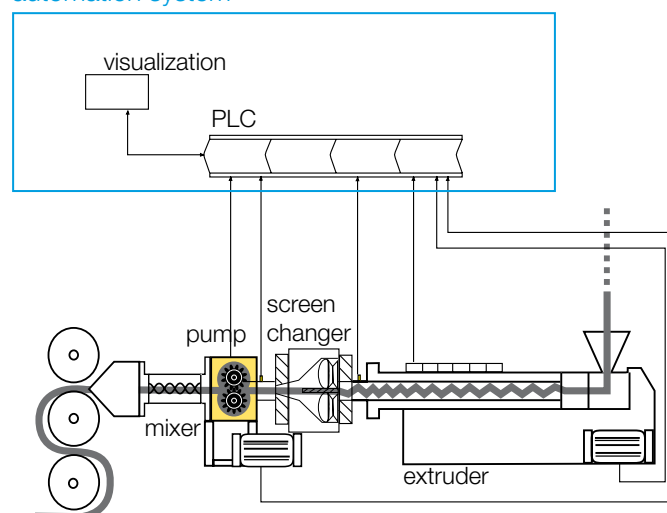
<b>Analogue inputs 0–10 V:</b>	12
<b>Analogue outputs 0–10 V for drive actuation:</b>	4
<b>Melt pressure measurements:</b>	3
<b>Melt temperature measurement:</b>	1
<b>Types of temperature sensor:</b>	K, J, L, U / 0 V to 10 V
<b>Configurable control circuits:</b>	2 (1x pump inlet pressure, 1x freely configurable)
<b>Interfaces:</b>	Ethernet, USB, LPT
<b>Monitor:</b>	15" LCD monitor with touch function
<b>Auxiliary power:</b>	24 VDC, –15% to +20%, approx. 3 A
<b>Operating/storage temperature:</b>	0 to +50°C / –20 to +60°C
<b>Formula storage:</b>	internal Flash memory, memory card
<b>Logs:</b>	alarm, pressure, process data log

**maax 62 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.
- Supply and integration of melt filtration systems
- Installation of electrical and mechanical assemblies
- Process technology optimisation and guidance
- Commissioning incl. operator training
- "Round-the-clock" service with short response times

**maax 62 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 62** 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).

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