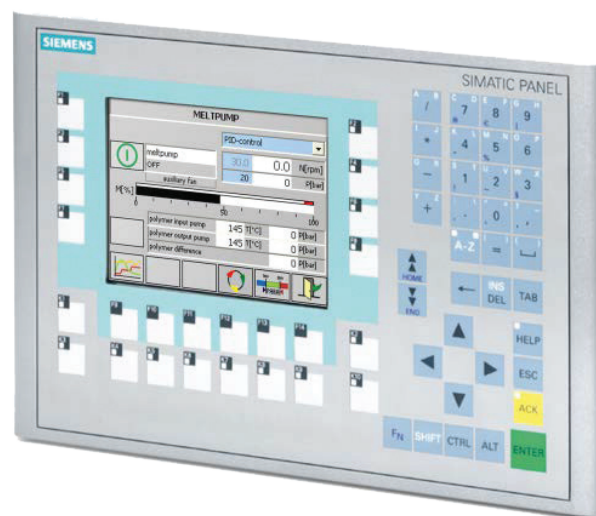


BKG® BlueFlow™ Gear Pump Control

PumpCon Business

The PumpCon Business gear pump control regulates and controls the gear pump and the dosing of the upstream extruder. The software processes logical and technical signals to control functions of the extruder speed to maintain a constant melt pressure.



Features:

- Core element is the Siemens CPU series 300, which runs the entire automation program of the line
- Configuration of starting and stopping parameters
- Easy to understand symbols, thus no additional controls needed
- Multiple operating languages available
- Modular design allows for easy adjustment of the standard control, tailored to the customer's individual needs
- Option: transfers to superior line units, i.e. DCS
- Option: Heating control of the components supplied

Benefits:

- Low operator intervention due to automatic starting and stopping process of gear pump and extruder (single and twin screw)
- Limited monitoring and configuration of the unit parameters involved
- Integration of existing auxiliary units (e.g. gravimetric dosing systems, downstream equipment)
- Smooth transition when switching between manual and automatic mode
- Trend indicators (pressure, temperature, torque, speed)

Delivery Scope:

- Control cabinet with operator panel
- Cable from the cabinet to the machine (max. 10m supplied)
- Frequency converter and Siemens control
- Functional description / manual
- Heating zone for gear pump

Available Options:

- Additional pressure measurement (e.g. for screen changers)
- Additional temperature control zone (e.g. adaptor)
- Control integration of a continuous screen changer
- Expandable as a total control unit for extrusion plant

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