

PID control system for extruder

Batte PID system introduction:

Batte **PID control system for extruder** adopts PID digital instrument + variable frequency control mode, and can control the pressure, flow, temperature, and speed automatically. This **melt pump control system** meets the higher basic needs of the users. The [pump control system](#) is completely with pressure, temperature, and flow control instrument, the outlet and inlet pressure sensor, and transducer with high performance.



PID control system for extruder properties:

Flow Control

Start-up and shutdown automatically

S series control system is designed with PLC control mode which is equipped with HM interface and can be operated by users under automatic and manual control modes.

*2 Closed-loop pressure controls

*Top and bottom limitation pressure alarm

*3 separate temperature controls

*Flow Control

*Start-up and shutdown automatically

*Human-machine interface

*Continuous monitoring of the process values



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Melt Pumps:



Screen Changers:



Loss in Weight Feeders:



Control Systems:



Batte Main Products

Melt Pump Series:

- ★ [ZB-B standard extrusion melt pump](#)
- ★ [ZB-C reinforced melt pump for extrusion](#)
- ★ [ZB-D gear pumps for pipeline](#)
- ★ [ZB-E pressurized melt pump](#)
- ★ [ZB-F melt pump for reactor](#)
- ★ [ZB-H high pressure extruder pump](#)
- ★ [ZB-K polymer discharge gear pump](#)
- ★ [ZB-R extrusion rubber pump](#)

- ★ [RS double shaft rubber gear pump](#)
- ★ [ZB-U spinning pump](#)
- ★ [ZB-W chemical metering melt pump](#)
- ★ [ZB-X gear metering chemical pump](#)
- ★ [New type melt pump](#)
- ★ [Melt pump spare parts](#)
- ★ [PID control system for extruder](#)
- ★ [PLC control system for extrusion line](#)
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Screen Changer Series:

- ★ [Manual screen changer](#)
- ★ [Slide plate screen changer](#)
- ★ [Continuous piston screen changer](#)
- ★ [Continuous backflush screen changer](#)
- ★ [Automatic belt screen changer](#)
- ★ [Pelletizer filter without wire mesh](#)
- ★ [Screen changer spare parts](#)
- ★ [PDF download](#)

Loss in Weight Feeder Series:

(For granule, sheet, powder, liquid, etc.)

- ★ [Loss in weight screw feeder](#)
- ★ [Volumetric screw feeder](#)
- ★ [Liquid polymer feed system](#)
- ★ [Multi-component gravimetric feeders](#)
- ★ [Gravimetric feeder control system](#)
- ★ [Feeding system](#)
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