

## PLC control system for extrusion line

### S series PLC gear pump control system introduction:

S series **gear pump control system** is a new generation of PLC control system which is specially designed for melt pumps. This series of **PLC control system for extrusion line** includes S10 Control System, S20 Control System, S60 Control System, and other types of [pump control system](#) etc.



### PLC control system for extrusion line advantages:

- \* Industry standard leader
- \* Lower maintenance requirements
- \* Friendly human-machine interface
- \* Simple and reliable operation
- \* low running cost

### S series PLC gear pump control system:

#### 1) The S60 control system

- \* 2-4 pressure closed-loop controls
- \* Top and bottom limitation pressure alarm
- \* 20-30 independent temperature control zones
- \* flow control
- \* automatic startup and shutdown
- \* touch screen man-machine interface
- \* continuous monitoring process value
- \* operation monitoring and troubleshooting
- \* for more complex extrusion or composite system

#### 2) The S20 control system

- \* 2 pressure closed-loop control
- \* Top and bottom limitation pressure alarm
- \* 3 independent temperature control zones
- \* flow control
- \* automatic startup and shutdown
- \* touch screen human-machine interface
- \* continuous monitoring of process values



Melt Pumps:



Screen Changers:



Loss in Weight Feeders:



Control Systems:



### 3) The S10 control system

- \* 2 pressure closed-loop control
- \* Top and bottom limitation pressure alarm
- \* flow control
- \* Start-up and shut-down automatically
- \* touch screen human-machine interface

## 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](#)
- ★ [PDF download](#)

### 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](#)
- ★ [PDF download](#)

