

Extrusion manual screen changer

ZB-MSPG manual screen changer introduction:

The MSC manual slide plate screen changer offers an economical, efficient way for plastics processors to filter contaminants from polymer flows. The **manual screen changer** can be used to filter almost any type of thermoplastic material. Utilizing pressure activated seal technology. The **extrusion manual screen changer** remains leak free under extrusion pressure yet is easily shifted when the pressure is removed. The MSC is shipped fully assembled requiring minimal downtime to install.



ZB-MSPG manual screen changer properties:

Contaminants in the polymer melt, which caused by metal, wood, paper or internally generated black specks, makes products be unacceptable in appearance and performance. Manual screen changers are the most suitable option for processes that require infrequent changes. Manual screen changers minimize costly downtime for screen replacement. With a simple swing of the handle lever during routine shutdown, clean screens are quickly brought on-line. No line disconnection occurs, and full production is re-established.

The extrusion manual screen changer is ideally suited in applications where process shutdowns occur and there is no loss of production directly related to the screen change itself. It has significant advantages over stationary screen pack breaker plates that can only be changed by machine disassembly.

ZB-MSPG extrusion manual screen changer features and advantages:

- ◆ Easier installation and easier operation.
- ◆ The operation handle can be adjusted according to the workshop position.
- ◆ With its unique rigid material or compensation sealing design, the service life is long.
- ◆ The position is precise during screen changing.
- ◆ It is applicable for 90 mm extruder or less than 90 mm extruder plant



Melt Pumps:



Screen Changers:



Loss in Weight Feeders:



Control Systems:



ZB-MSPG manual screen changer for extrusion applications:

- ◆ Blown Film
- ◆ Pipe/Profile
- ◆ Compounding
- ◆ Coextruded Sheet/Film
- ◆ Wire and Cable
- ◆ Sheet and Cast Film

Increase end-product quality and consistency, reduce scrap and achieve operating cost savings, especially when processing high recycled content polymers. Filters melt filtration systems have provided worry-free contamination protection for compounding, pipe and profile, plastic film and sheet and specialty extrusion applications.

Slide plate manual screen changers provide a cost effective filtration solution for the polymer extrusion industry. Put a [melt pump](#) after the screen changer can further increase the productivity of the extrusion line. Melt filtration systems and screen changers ensure a perfect filtration process, guaranteeing your desired melt quality.

ZB-MSPG extrusion manual screen changer technical data:

Type	Output Kg/h	Size (mm)		Screen size		Heating tube	
		L1	L2	Φ(mm)	cm ²	V	W
ZB-MSPG-40	30~60	140	200	Φ50	20	230/380	1700
ZB-MSPG-50	35~70	150	200	Φ50	20	230/380	1700
ZB-MSPG-60	60~180	170	255	Φ60	28	230/380	2500
ZB-MSPG-70	80~180	170	255	Φ70	38	230/380	2500
ZB-MSPG-80	100~180	175	300	Φ90	64	230/380	2500
ZB-MSPG-90	110~180	175	300	Φ90	64	230/380	3000
ZB-MSPG-100	120~230	180	320	Φ100	78	230/380	4200

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](#)
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