

Manual Screen Changer

Simplicity and Reliability

- Close coupled connections
- Multi-position handle
- Low capital costs
- Minimum residence time
- Streamlined flow paths
- Low operating costs
- Compact size

From the worldwide leader in filtration equipment, offers the EM and XM manual screen changers. Contamination of the melt stream by metal, wood, paper or internally generated black specks yields products that are unacceptable in appearance and/or performance. Manual screen changers are the least expensive and 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. As an option the EMP and XMP models add air-assist to the shifting of the slide plate.

Features and Benefits

- 3 position handle
- 690 bar (10,000 psi) maximum head pressure
- 207 bar (3,000 psi) maximum differential pressure
- Pressure activated seal technology
- Extruder screw pull through
- Bolt-through extruder connection
- Leak free processing

High Temperature Seal Option

- Expanded low viscosity sealing
- For temperatures between 260-343 C (500-650 F)
- Retroft-able design

Integrate the System

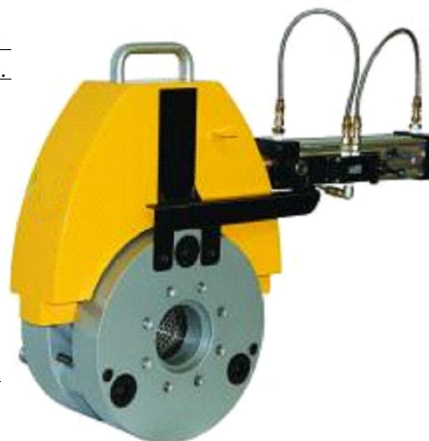
Put a gear pump after the screen changer and further increase the productivity of the extrusion line - all from one company.

Polymer Rheology Testing

has the ability to provide polymer viscosity and melt index analysis.

Superior Service

rebuilds, repairs, services and supplies parts for screen changers, gear pumps, screws, barrels, heat transfer rolls, pelletizers and cleaning ovens.



EMP-XMP Optional Air Assist



EM-60 with Hydraulic Assist

EM-XM

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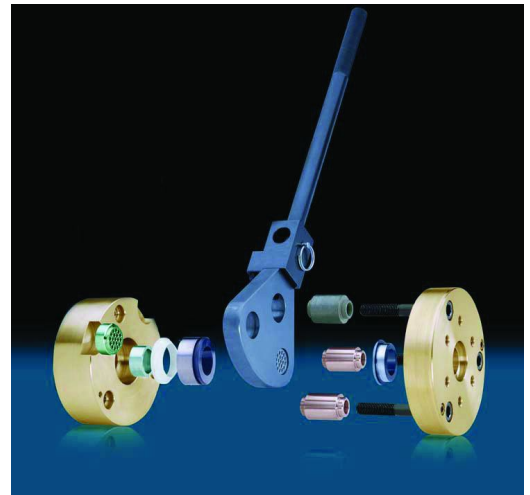
EM Specifications

Model	Bore "A" mm (in.)	Screen Dia. mm (in.)	Heater kW	Heater Volt	Unit Weight kg (lbs) approx.
EM-10	25.65 (1.010)	26.99 (1.063)	0.6 kW	230 V	11 (25)
EM-15	38.35 (1.510)	39.69 (1.563)	0.9 kW	230 V	18 (40)
EM-20	51.05 (2.010)	52.39 (2.063)	1.2 kW	230 V	25 (56)
EM-25	63.75 (2.510)	65.09 (2.563)	1.8 kW	230 V	37 (82)
EM-35	90.30 (3.555)	90.49 (3.563)	3.0 kW	230 V	78 (173)
EM-45	120.27 (4.735)	122.24 (4.813)	4.8 kW	230 V	150 (330)
EM-60*	152.78 (6.015)	153.99 (6.093)	10.8 kW	230 V	340 (750)
EM-65*	165.78 (6.515)	168 (6.60)	10.8 kW	230 V	340 (750)

*Hydraulic Cylinder

XM Specifications

Model	Bore "A" (mm)	Screen Dia. (mm)	Heater kW	Heater Volt	Unit Weight (kg) approx.
XM-30	30.25	39.7	0.9	230 V	18
XM-35	35.25	39.7	0.9	230 V	18
XM-45	45.25	52.4	1.2	230 V	25
XM-50	50.25	52.4	1.2	230 V	25
XM-60	60.25	66.7	1.8	230 V	37
XM-65	65.25	66.7	1.8	230 V	37
XM-70	70.25	77.8	2.0	230 V	64
XM-75	75.25	77.8	2.0	230 V	64
XM-80	80.25	90.5	3.0	230 V	78
XM-90	90.30	90.5	3.0	230 V	78
XM-95	95.25	103.2	4.2	230 V	108
XM-100	100.25	103.2	4.2	230 V	108
XM-110	110.25	122.2	4.8	230 V	150
XM-120	120.27	122.2	4.8	230 V	150



Options

- High temperature seal
- Corrosion resistant low bores
- Twist lock coextrusion breaker plates
- Downstream reducer bushing
- XP air assisted
- Adapters
- Add a gear pump for complete system control