

PUMP & FILTRATION SYSTEMS ›



## extrex<sup>6</sup> MP

Maximum Pressure gear pump for  
your thermoplastic applications



Extrusion operations require extremely reliable gear pump systems with high output consistency and a configuration to suit each application. The modular design of extrex<sup>®</sup> gear pumps easily meets the requirements for these diverse applications.

The extrex<sup>6</sup> MP is a high pressure gear pump for the most demanding thermoplastic applications. With the new x<sup>6</sup> class design you have additional benefits compared to the classic gear pump designs.

The flange design ST is already the same as the classic trudex, so there is no need to change process connections when replacing classic trudex pumps.

### Your Benefits

- **+ 10 %** more spec. vol. than trudex
- **+ 25 %** more wear resistance
- **+ 25 %** larger sealing surface
- **- 12 %** less energy consumption
- **- 40 %** less temperature increase
- **- 90 %** less pulsation

**Outlet pressure: 700 bar**

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Pump	extrex <sup>6</sup> MP
Throughput (kg/h)	40 - 6000
Pump size	25 - 160
Inlet Pressure (bar)	200
Differential Pressure (bar)	500
Outlet Pressure (bar)	700

Application limits:	
Viscosity:	30,000 Pas
Temperature:	350 °C

Technical specifications	
Housing, cover	Alloy steel
Gear shafts	Tool steel
Bearings	Tool steel
Shaft seals	Alloy steel
Pump heating	Electric/fluid

## Pumping media

- Polyolefins
- Polyesters
- Polyamides
- Polycarbonates
- Styrene polymers
- Expandable polystyrene
- ABS/SAN
- Fluor polymers
- TPE
- Other polymers upon request

## Options

- Defined tolerance classes
- Wired heating cartridge fully attached to connector
- Liquid heating with interconnection bores
- Pressure/temperature sensor bores in body
- Choice of materials for every application
- Cooling feature for shaft seals
- Special seal types

## Accessories

- Adapter flange
- Sensors
- Support carts / base frames
- Drive units
- Control systems
- Complete solutions

extrex <sup>6</sup> MP				trudex
Pump size	Spec. Vol. (ccm)	Throughput (kg/h)	rpm (min)	Ref. pump size
-	-	on request	-	-
32/16	12	75	276	36
40/25	24	158	239	45
50/32	49	252	207	56
63/40	97	444	179	70
80/50	192	709	152	90
100/63	385	1306	134	112
125/80	773	2230	114	140
160/100	-	on request	-	-