



Supply screw including three individual heating zone controls for optimal processing.
Filling quantity surveillance via capacitive sensor. Water cooled infeed station.
Unlikely to wear out quickly because of crew and housing made of hardened nitrated steel.



All components are easy to reach because modular design. Pressure surveillance and pressure control via pressure sensors. Electronic revolution control via servo motors. Low temperature signal with start up securing as a standard.



The feeder is VX coated and because of his design secures a continuous granulate supply.



High operation security due to Siemens SPS control and operation via Siemens Touch Panel TP 177. Siemens profi bus interface optional.



Distributor block for the connection up to four heated Hoses. Other designs possible.

Technical Data	EX12
Measurement Width x Height x Depth	1200 x 850 x 650mm
Weight	250kg
Melting Capacity	max. 12kg/h
Heating Capacity	10 KW
Connected Power	3x400V/AC
Filling Volume Feeder	5kg
Supply Capacity	max. 12kg/h
Extrusion Pressure	max. 200 bar
Temperature Range	up to 300 °C step less adjustable
Hose Connections	max. 4
Special Designs possible	yes

Original Accessories and Spare Parts



Application head for point and surface coating



Heating hoses of various designs and length



Hand guns for caterpillar or spray application



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Extruder

for Hot-Melts und Thermoplasts



EX 12

Precise und sparing

Compact Machines for effective melting and supplying of Hot Melts and Thermoplasts in short time and under low temperature load.
Homogeneous processing of adhesive.



- 1 Feeder with filling level surveillance
- 2 Supply screw with three heating elements
- 3 Heated hose connection
- 4 Touch panel display

EX12 Extruder

Melting capacity: max. 12kg/h
 Supply capacity: max. 12kg/h

Extruder for economical processing of Polyamides and Polyester Hot Melts

Hot Melts under thermal load and in connection with oxygen tend to more or less burning/cracking. This takes place with Polyamides and Polyester already after a short while and results in changing the viscosity, the color and the adhering criteria, until it comes to a total cracking of the adhesive. The result is an undefined glue condition and hence unsafe glue compounds. Particularly this problem occurs with Polyamides and Polyesters by using Tank Units as melting gears.

Melting on request

For this purpose we have developed Extruders of the EX series. With relative low amount of melt still a high output of adhesive still is reached, subsequently it increases the quality and the performance of the production plant.

Technical specification of the EX Series:

- Output 12 – 600 kg/h
- Cylinder and screw made of hardened nitrated steel
- Coated material feeder
- Filling level surveillance of feeder with lid
- Water-cooled in feed area
- Pressure surveillance and pressure control via pressure sensor
- Electronic revolution control via servo motor
- Low body temperature control with safeguard of start up
- Excess temperature report
- Electronic- and temperature control via Siemens SPS-S7
- Operation via touch panel display TP 170-177
- Switch over to various programs of temperature, pressure and set value for revolution
- Permanent tracer surveillance with optical indication
- Analog-Interface either 0 – 10 VDC or 4 – 20 mA

Optional:

- Pumping station for step less adjustable gear pumps
- Heat exchanger incl. piping and with water cooled in feed area
- Operation and visualizing of process data and graphic depiction via touch panel display
- Siemens Profibus-Interface
- Analogue-Modem

