

**EXTRUDEX single screw extruder EN 050–25 D**  
**Horizontal execution**

**Technical data**

- Extrusion height: 1050 mm +/- 50 mm
- Operating side: Left, seen in extrusion direction
- Material: xxxx  
(please send us the material specifications before you order)
- Throughput: approx. 90 - 130 kg/h  
depending of tool dimension and raw material
- Screw rotation Speed: max. 150 U/min
- Screw torque: 2050 Nm (theor.)
- Paint: RAL  
turning parts yellow  
moving parts orange

**Mechanical machine part**

- Drive: Compat drive CMG Id-No. 3110511, 32 KW
- Base frame: stable welded design with 4 adjustables feets, prepared for  
The acceptance of control cabinet
- boring diameter: 50 mm
- nominal length: 25 x D
- Control cabinet:  
mounted on the base frame of the extruder,  
incl.
  - ventilation
  - Energy supply from rear
  - Main switch
  - Emergency switch
  - Connection for flange- and tool-heating zones
- Scope of supply: Control Siemens for extrusion lines with  
control different applications  
Operation over ETV control panel, 12" TFT-  
Touch-Colour Display (bigger sizes on option)

- Pressure protection:  
Terms of the European Norm EN1114:2011 the extruder is equipped with a melt-pressure sensor approved according to performance level c (PLC). This sensor must be installed directly just in front of the screw tip where the highest pressure is. The extruder may not be operated without this sensor. Should the required flange for the installation of the melt-pressure sensor not being part of the scope of supply from Extrudex, the customer is obliged to provide the installation at an appropriate position by himself. To avoid an mix-up with sensors without PLC the coupling device is made in 7-pole design. The melt-pressure sensor PLC-standard which is used therefor is outlaid for a range from 0-700 bar!

**Price on request**