

EXTRUDEX single screw extruder EN 020–25 D

Horizontal execution

Technical data

- Extrusion height: adjustable from 950 – 1.200 mm
- Operating side: Left, seen in extrusion direction
- Material: xxxx
(please send us the material specifications before you order)
- Throughput: 1 - 5 kg/h
depending of tool dimension and raw material
- Screw rotation Speed: max. 150 U/min
- Screw torque: 248 Nm (theor.)
- Paint: RAL -> to be specified by the customer
turning parts yellow
moving parts orange

Mechanical machine part

- Drive: AC-motor, IE3, 3,9 kW frequency-controlled, with encoder
- Gear-box: spur-gear
- Base frame: horizontal execution HZS 250/4, moveable on 4 rolls, fixeable on ground, height adjustable with threaded spindle
- boring diameter: 20 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 Sigmatek EC 400 for extrusion lines with

control different applications
Operation over ETV control panel, 8" 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