

DR-DS-110-25D Double Screw Extruder



Features & Specifications

Extruder Capacity (Kg/Hr):	600 Kg/Hr
Screw Dia (mm):	110
Length of Screw (L/D Ratio):	25D
Screw RPM	5-30
Barrel Cooling System:	Water-Closed circuit
Barrel Heating:	7/7 Ceramic Heaters with Aluminium Separators
Screw & Barrel:	Bimetallic (Germany) or Nitrated DIN 1.8850
Hardness of Screw & Barrel:	990 - 1.000 HV (68 HRC) Kraut Kramer
Main Motor Power (Kw)/RPM:	110 Kw – 1500 RPM
Main Motor:	ABB/Siemens/Baumuller
Driver:	ABB/Siemens/Baumuller AC Synchronized
PLC Control:	12" B&R/Siemens/Omron
PC Control:	Optional 19"
Gearbox:	Zambello-Italy ZT3 Direct Connection with Heat-Exchanger
Max Gear Torque (Nm):	24,800
Material Feeding:	Screw Type (0.55Kw-Siemens Motor, ABB Drive)
Melt-Pressure Sensor:	0-560 BAR Gefran-Italy or Gneus-Germany
Electric components:	Wago - ABB - Siemens – Schneider
Solid Stated Relays:	Celduc / France
Fast Fuses:	Z type
Electric Cabinet Cooling:	Heat-Exchanger (water cooled)

**certain exceptions to certain extruders specification may be found.

**Extruder Capacity may change depending on material type