

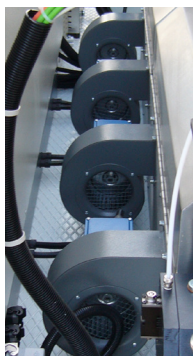
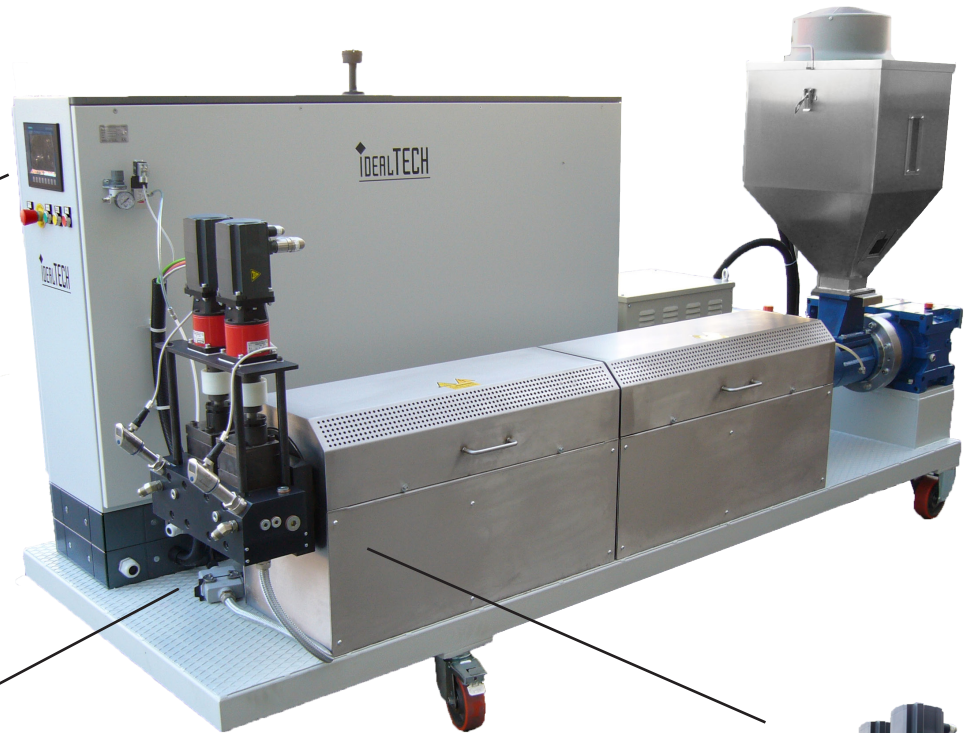


MADE IN ITALY

EXTRUDER LINE

The new range of Idealtch Screw Extruders are the most suitable systems for melting adhesives that are generally complex to be processed by the usual melting tank systems. ID Extruders are particularly suitable for processing high quantities of polyamide, polyester and polyolefine. The melting of the product is always homogeneous and constant thanks to the special geometry of the extruder screw.

Touch Screen Operator Panel



Stabilization Blower's Fans

P.I.D. modular temperature control

Dosing pump station

Dosing pumps for automatic basis weight control



Using an extruder is especially advisable for applications requiring high melting rate and where are used adhesives tending to oxidize whether maintained at high temperatures for a long time. Thanks to the extruder's working, the adhesive oxidation process is stopped: the special shape of the extruding screw enables the return of air into the hopper as soon as the adhesive's melting and compression phase is starting. The operating temperatures are included between 60 and 300°C; the heating zones are controlled by means of PID digital heat regulators.

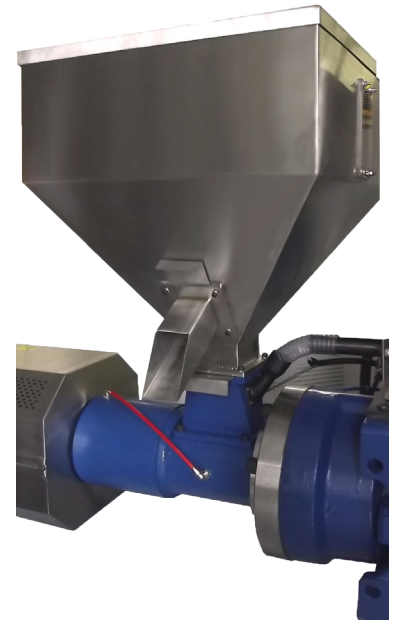


Motor

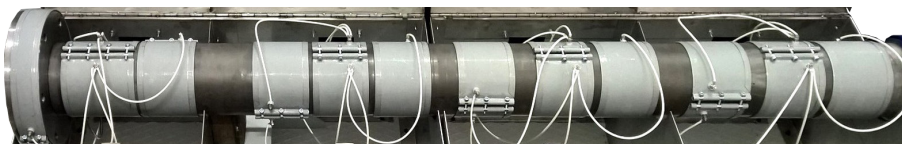
Technical details:

- **Melting rate** from 60 to 3000 kg/h
- **AC Motor** drive asynchronous 3-phases, servo-ventilated, started up by means of vector inverter
- **Gear Motor** triple reduction, with duty helical gear, thrust housing bearings, provided with a pressurized water cooled lubrication system
- **Cooling system** through a forced water circulation chiller
- **Extrusion screw** manufactured with nitrided steel 41 CRALMO7 NITR (1050 HVC)
- **Stainless steel feeding box** manufactured in AISI 304 steel, equipped with adhesive level sensor and **"Granulate Shaker Set"** (optional)

- **Digital Pressure Regulator**
- **P.I.D.** modular temperature control
- **PLC** and **touch screen operator panel**
- **Dosing pump station** for direct feeding of the coating heads and automatic control of the basis weight. The station includes 1 or more gear pumps with Brushless motors and variable pump rate in relation to the customer's requirements



Hopper



Extrusion Barrel

Part number	Description	Motor Power
ID - EXT - 60	Extruder System, melting rate 60 Kg/h with thermal plastic adhesive	7,5 Kw
ID - EXT - 80	Extruder System, melting rate 80 kg/h with thermal plastic adhesive	9,5 Kw
ID - EXT - 140	Extruder System, melting rate 140 kg/h with thermal plastic adhesive	15 Kw
ID - EXT - 200	Extruder System, melting rate 200 kg/h with thermal plastic adhesive	22 Kw
ID - EXT - 400	Extruder System, melting rate 400 kg/h with thermal plastic adhesive	45 Kw
ID - EXT - 600	Extruder System, melting rate 600 kg/h with thermal plastic adhesive	80 Kw
ID - EXT - 1000	Extruder System, melting rate 1000 kg/h with thermal plastic adhesive	132 Kw
ID - EXT - 1500	Extruder System, melting rate 1500 kg/h with thermal plastic adhesive	200 Kw
ID - EXT - 3000	Extruder System, melting rate 3000 kg/h with thermal plastic adhesive	250 Kw