

Product Application

This machine is suitable for mixing and processing experiments of engineering plastics, modified plastics, waste plastics and masterbatches. It has homogeneous, plastic coloring, filling modification functions.

Under the action of heating, mixing, shearing, plasticizing and compacting the exhaust, the material is plastified into a uniform melt, and extruded under the twin-screw and extruded through the nose into round strips. The long strips after being cooled by water in the cooling water tank or after being air-cooled, then pelletized by a pelletizer to obtain plastic pellets.

Specifications

NEWGOER TWIN SCREW EXTRUDER		
Technical Parameters	Applicable materials	PP, PE, PS, PET, TPE, etc.
	Screw diameters	21.7mm
	Screw speed	0 - 300rpm
	Screw L/D ratio	40:1
	Output	1 - 10kg/h (decide by formula)
	Cooling device	water cooling
	Cutting device	Granulator
	Power supply	380V/50Hz/3 phases or Customerized
	Control mode	SIEMENS Touching Screen PLC control

Main Features

- 1) Adopting international brand variable speed control motor to precisely control the screw rotating speed;
- 2) The 3D processed geometry screw elements maintain uniform gaps and achieve very good self-clean and precise plasticizing effect;
- 3) Using parallel two-axis high speed high torque gearbox to make the extruder applicable for more than 95% materials' compounding and extrusion technologies;
- 4) Emergency stops and devices to protect safety of the operator;
- 5) Optional side feeder for special materials, e.g. glass fiber;
- 6) Optional forced feeder to increase stability of feeding;
- 7) Optional liquid feeding equipment;
- 8) Optional gravimetric feeder