



NINGBO PROCOLOR CO., LTD

Address: No.301, West-Jing Middle Rd., Yinzhou, Ningbo, China

Tel: +86 574 88139809

Fax: +86-574-88139027

Email: sales@pro-color.cn

services@pro-color.cn

LAB TWIN SCREW EXTRUSION GRANULATOR (LINE)

Water-Cooled Granulation



General

This machine is appropriate for the mixing processing experiment of engineering plastics, modified plastics, waste plastics and color masterbatch etc., is featured by plasticizing homogeneity, color proofing and filling modification.

Specification

Double- Screw Extruder

1. Output: According to the raw material formulation process
2. Screw diameter: $\Phi 20$, $\Phi 25$ Optional
3. Length diameter ratio: 1:40 (Optional)
4. Screw direction: Parallel and same direction
5. Screw rotation speed: 0-120rpm frequency control
6. Die-head pressure: Handpiece working pressure is 15 mpa, high precision temperature and pressure sensors monitor the nose melt temperature and pressure variation, interlock control host operation, with the overpressure protection function.

7. Granulation die head: 38CrMoAlA chromium molybdenum alloy head, nitriding hardness HRC60, strand quantity and granulation diameter can be chosen, built-in hinge device can replace the screen rapidly.
8. Drive motor: Precision heavy geared motor, constant torque power output control.
9. Electronic control system: PLC programmable color touch screen, man-machine interface operation system, extrusion process can be displayed and monitored dynamically, including temperature control, driving, pressure, interlocking spreading function.
10. Power: 3 ϕ , AC380V, 50Hz Three-phase five-wire
11. Dimension: 1950 \times 500 \times 1500 (W \times D \times H) mm
21. Weight: About 285Kg

Water Tank

1. Tank material: 304 stainless steel bath
2. Water level control: Stainless steel water level control valve
3. Dimension: 1200 \times 260 \times 800 (W \times D \times H) mm
4. Weight: 28Kg

Granulation Device

1. Strand quantity: 3 strands
2. Cutting speed: 1~20Kg/h adjustable
3. Motor: 0.75Kw precision control motor
4. Power: 3 ϕ , AC380V, 10A
5. Dimension: 450 \times 430 \times 850 (W \times D \times H) mm
6. Weight: 125Kg