



Conical twin-screw extruder (SJZ-65) standard configuration and main parameters

Name (model): Conical twin-screw extruder (SJZ-65)

Main parameters and description

(1) Barrel and screw part

- Brand: JED
- Screw diameter: 65/132mm
- Screw barrel: 38CrMoAlA, nitrided, ground, sprayed with wear-resistant and corrosion-resistant bimetallic layer
- Heating power: 4 zones, total 16KW
- Cooling method: forced water cooling with water jacket in feed section, forced air cooling in other sections

(2) Drive part

- Motor power: 37KW
- Motor brand: Siemens Bede
- Gearbox: high torque, low noise, hardened tooth surface, forced cooling
- Gearbox brand: Jiangyin

(3) Control part

- High-end variable frequency speed regulation, brand selection: ABB
- Temperature controller control, modular melt temperature and melt pressure control, automatic protection for overload, overtemperature and overpressure



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- Temperature controller brand: Omron/RKC

(4) Twin-screw feeding system

General parameters

- Extrusion capacity: max $\approx 350\text{kg/h}$ (depending on the raw material formula)
- Total installed power: 57.5KW