



Pellets Extruder Set Technical Parameters

(10KG/H) Pellet Ext P10: Extruder+Controller+Hopper Dryer

Weight: 10 kg Dimensions: W 131.3 × D 136.6 × H 657.8 mm (W×D×H as shown in the diagram on the right) Screw diameter: 34 mm Screw length: 363 mm Screw post-treatment: Quenching & high-temperature tempering (L/D): 10.7:1 Max. motor torque: 1.91 N·m Motor/gearbox reduction ratio: 1:50 Max. screw speed: 60 rpm Mountable on: Robotic arm / gantry frame Heating zones: 3 Cooling zones: 1 (insulation section) Temperature control: PID Cooling: Water cooling (insulation section) Drive servo motor: STEPCNC Voltage: 220V / 50Hz Servo system: 0.6 kW Total power: 2.1 kW Extruder control: Servo motor + planetary gearbox Max. throughput: 10 KG/H Heating temperature: 0-450°C Available nozzles: 1, 2, 4, 6, 8, 10 mm Recommended layer thickness: 0.5-5 mm		
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Necessary Auxiliary Kits

Controller

Applicable to Pellet Ext P10

Weight: 12 kg

Dimensions: H 495 × W 280 × D 620 mm

Inlet air pressure: 0.6–0.8 MPa

Inlet air humidity: <20% RH

Inlet air flow rate: >0.45 m³/min

Voltage: 220V / 50Hz

Total power: 4150 W

Built-in: Circulating Liquid Cooling System,
Feeding Control System, 3 sets of 1000W
Heating Temperature Controllers, Servo
Driver 600W, 12V100W Fan Controller





Hopper Dryer 25 kg

Applicable to Pellet Ext P10

Weight: 40 kg

Dimensions: H 1530 × W 870 × D 520 mm

Pellet drying capacity: 25 kg

Drying humidity: <20% RH

Drying temperature: 0-120°C

Voltage: 220V / 50Hz

Total power: 3635 W

Efficient and Energy-saving Thermal
Circulation Drying

Equipped with Upper/Lower Discharging
Options

Equipped with a Discharge Port for Ease of
Granular Materials Cleaning

