



Pellets Extruder Set Technical Parameters

(3KG/H) Pellet Ext S3: Extruder+Controller+Hopper Dryer+Air Compressor

<p>Weight: 5.8kg</p> <p>Size: H480 x W145 x L128 mm</p> <p>Screw Size: D27 x L275 mm</p> <p>Screw Treatment: 38CrMoA1A+Nitriding Treatment</p> <p>(L/D): 10.2:1</p> <p>Max. Motor Torque: 0.96N.m</p> <p>Gear Ratio between Motor and Screw: 1:50</p> <p>Max. Screw Speed: 40 (r/min)</p> <p>Installable Equipment: Robot Arm & Frame Type</p> <p>Heating Zones: 3</p> <p>Cooling Zones: 2 (Insulation Section & Model Cooling)</p> <p>Temperature Control: PID</p>	<p>Cooling Method: Water Cooling (Insulation Section)+ Air Cooling (Model Heat Dissipation)</p> <p>Software: IEMAI 3D EXPERT</p> <p>Power Servo Motor: STEPCNC</p> <p>Power Supply: 24V</p> <p>Servo System: 100W</p> <p>Total Power: 890W</p> <p>Extruder Control: Servo Motor+Planetary Reducer</p> <p>Max. Throughput: 3KG/H</p> <p>Max. Heating Temperature: 450°C</p> <p>Applicable Nozzle: 1,2,4,6,8,10 mm</p> <p>Recommended Layer Thickness: 0.5-5 mm</p>	
---	---	--



Necessary Auxiliary Kit:

Controller

Applicable to Pellet Ext S3 & P10

Weight: 12kg

Size: H495 x W280 x L620 mm

Compressed Air Inlet Pressure Requirement: 0.6-0.8 Mpa

Compressed Air Inlet Humidity Requirement: <20% RH

Compressed Air Inlet Flow Requirement: >0.45m³/min

Power Supply: 220V/50HZ

Total Power: 950W

Built-in: Circulating Liquid Cooling System, Feeding

Control System, 3 sets of 1000W Heating Temperature

Controllers, Servo Driver 600W, 12V100W Fan Controller

For Pellet Ext L20, the temperature controller will be dedicated version.





Hopper Dryer 25kg

Applicable to Pellet Ext S3 &P10 &L20

Weight: 40kg

Size: H1530 x W870 x L520 mm

Pellets Drying Capacity: 25KG

Drying Humidity: <20% RH

Drying Temperature: 0-120 °C

Power Supply: 220V/50HZ

Total Power: 3635W

Efficient and Energy-saving Thermal Circulation Drying

Equipped with Upper/Lower Discharging Options

Equipped with a Discharge Port for

Ease of Granular Materials Cleaning





Air Compressor

Applicable to Pellet Ext S3 & P10

Power: 2400W

Generated Flow: 180L/min

Air Tank: 65L

Pressure: 0.7Mpa

Weight: 57KG

Size: H65 x W38 x L97 cm

Speed: 1380R/Min

