



Pellets Extruder Set Technical Parameters

(35KG/H) Pellet Ext L35: Extruder+Controller+HopperDryer

Weight: 135 kg

Dimensions: W 453 × D 453 × H 1907.65 mm (W×D×H as shown in the diagram on the right)

Screw diameter: 40 mm

Screw length: 903 mm

Screw post-treatment: Vacuum quenching (L/D): 18:1

Max. motor torque: 35 N·m

Motor/gearbox reduction ratio: 1:25

Max. screw speed: 120 rpm

Mountable on: Robotic arm

Heating zones: 3

Cooling zones: 1 (insulation section)

Temperature control: PID

Cooling: Water cooling (insulation section)

Drive servo motor: PUFIDE

Voltage: 380V / 52.7Hz

Servo system: 5.5 KW

Total power: 13.5 KW

Extruder control: Servo motor + planetary gearbox

Max. throughput: 35 KG/H

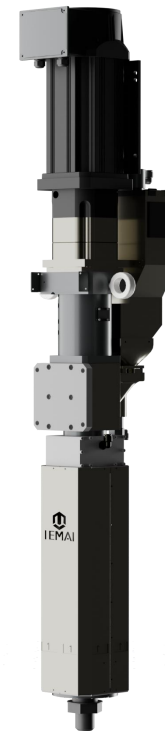
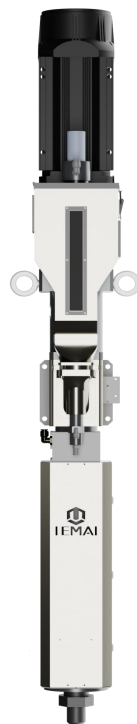
Heating temperature: 0-500°C

Available nozzles: 4, 8, 12, 16, 20 mm

Recommended layer thickness: 0.5-15 mm

Max. stable motor speed: 3000 rpm

Voltage: 380V / 50-60Hz

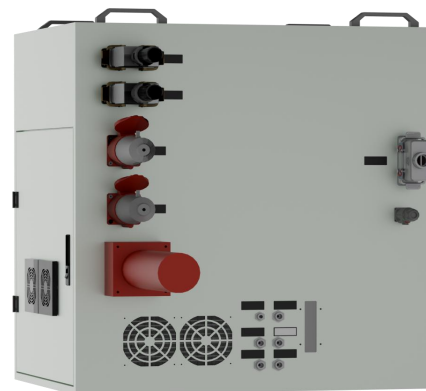
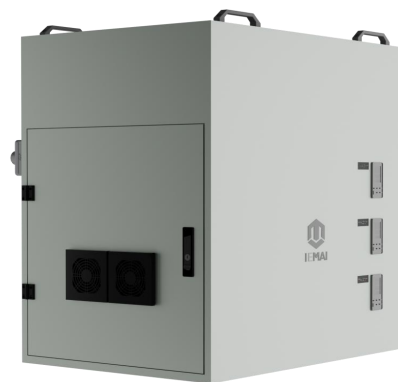




Necessary Auxiliary Kits

Controller

Applicable to Pellet Ext L35
Weight: 79 kg
Dimensions: H 862.5 × W 789 × D 559.5 mm
Inlet air pressure: 0.6-0.8 MPa
Inlet air humidity: <20% RH
Inlet air flow rate: >0.45 m³/min
Voltage: 380V / 50-60Hz
Total power: 9600 W
Built-in: Circulating Liquid Cooling System,
Feeding Control System, 3 sets of 1100W
Heating Temperature Controllers, Servo
Driver 5500W, 24V100W Fan Controller





Hopper Dryer 100 kg

Applicable to Pellet Ext L35

Weight: 60 kg

Dimensions: H 2030 × W 1070 × D 920 mm

Pellet drying capacity: 100 kg

Drying humidity: <20% RH

Drying temperature: 0-120°C

Voltage: 380V / 50Hz

Total power: 6215W

Efficient and Energy-saving Thermal
Circulation Drying

Equipped with Upper/Lower Discharging
Options

Equipped with a Discharge Port for Ease of
Granular Materials Cleaning

