

Machine Name : 3D printer

Brand : BEAM

Machine Model : MODULO 400

Stock No. : 812416

Ex-factory Date : 2019



Main Technical Parameters:

Scope of Work:

Forming space: 650 × 400 × 400 mm

Worktable: Ø400 mm

Maximum load: 100 kg

3-Axis Milling Unit:

Travel range: 800 × 400 × 450 mm

B-axis rotation: ±110°

C-axis rotation: 360° (continuous indexing)

Laser / Cladding System:

Fiber laser power: 49.8 kW

Cladding width: 0.8–1.2 mm

Deposition rate: 15–20 cm³/h

Powder Feeding System:

CNC-controlled powder feeding

Optional dual powder bar feeder (2 units)

Vibrating powder feeder

Powder hopper capacity: 2.5 L (≈13 kg)

Powder flow rate: 1–30 g/min

Control System:

Siemens 840D SL

G-code compatible

Safety System:

Laser protection door

Triple-stage filtration system (pre-filter + HEPA + chemical filtration)

Machine Dimensions: 7200 × 1950 × 2800 mm

Machine weight: approx. 7.2 tons (excluding powder system)



