



TECHNICAL SPECIFICATIONS HAGE3D 72L

Industrial solution for material extrusion



Industrial
control and
Closed Loop
Technology



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HAGE3D 72L



BUILT SIZE

Printable dimensions	Up to 600 x 400 x 280 mm
Heatable built chamber	Up to approx. 50° C
Encapsulated built chamber	Retrofittable built size capping



GENERAL

Power supply	230 V / 24 V
External dimensions	850 x 1.050 x 650 mm
Weight	90 kg
Safety circuit	Yes



MATERIAL

Material use	Free choice of material
Printable Materials	Recommended material supplier ASA, ABS, PET-G, PLA, TPE, PA*, PC-ABS*, PP* metal*/filled materials*



PRINTER SPECIFICATIONS

Print head	Dual Extruder with active part cooling
Nozzle diameter	0,2 to 1,0 mm (0,4 mm standard)
Layer thickness	From 0,05 mm
Positioning accuracy	In XYZ < 0.1 mm
Fast motion speed	XY~250 mm/s, Z~150 mm/min
Printing speed	Up to 90 mm/s (differs from material)
Built rate	Up to 150 g/h (differs from material)
Filament feed	Special knurled extruder gear
Hot-end temperature	Up to 260 °C
Print bed	Heated precision platform with 1.000 W, up to 140 °C, Auto bed calibration
Controllable material cooling	Powerful fan with airflow up to 18 m ³ /h
Drive technology	In XY fibreglass-reinforced belt drive, Z-threaded spindle (quadruple)
Stepping motors	Closed loop technology avoids step losses



USER COMFORT

Stand-alone printing	Per USB
Network integration	Ethernet link
Remote servicing	Yes
Stop & Go function	Yes
Slicing software	Simplify3D (standard)
Override function	Real-time adjustment of the printing parameters
Printing control	Industry control (HAGE)
Printing preview	3D object simulation for checking the G-code and the 3D-preview
User management	Multi-state user permissions concept, notification via mail inclusive
Filament replenishment	Refill message notification via mail inclusive (optional)
Status display	LED + Touchscreen
User Interface	7" Touchscreen