



# TECHNICAL SPECIFICATIONS HAGE3D 175C

Industrial solution for material extrusion



Largest  
Printer with  
heatable built  
chamber



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# HAGE3D 175C



## BUILT SIZE

|                        |                                |
|------------------------|--------------------------------|
| Printable dimensions   | Up to 1.200 x 1.200 x 1.200 mm |
| Heatable built chamber | Up to 80 °C                    |
| LED lightning          | Yes                            |



## GENERAL

|                     |                          |
|---------------------|--------------------------|
| Power supply        | 400 V / 230 V            |
| External dimensions | 2.500 x 2.500 x 2.500 mm |
| Weight              | 2.500 kg                 |
| Safety circuit      | Yes                      |



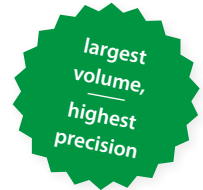
## MATERIAL

|                     |  |
|---------------------|--|
| Material use        | Free choice of material  |
| Printable Materials | Recommended material supplier<br>ASA, ABS, PET-G, PLA, TPE, PA, PC-ABS*, PP<br>High performance plastics: PEEK*, PSU*, PPSU*<br>metal*/ceramic* filled materials |



## PRINTER SPECIFICATIONS

|                               |   |
|-------------------------------|---|
| Print head                    | Water cooled servomotor, Dual-Direct-Drive          |
| Nozzle diameter               | 0,3 to 1,0 mm (0,4 mm standard)                     |
| Lifting of inactive nozzle    | Yes   |
| Layer thickness               | From 0,05 mm  |
| Positioning accuracy          | In XY < 0,05 mm                                     |
| Filament feed                 | With HFFS technology (High Friction Feeding System) |
| Fast motion speed             | XY~250 mm/s, Z~300 mm/min                           |
| Printing speed                | 90 to 150 mm/s (differs from material)              |
| Built rate                    | Up to 150 g/h (differs from material)               |
| Hot-end temperature           | 300 °C, optional 450 °C                             |
| Print bed                     | Heated precision plattform with 2.800 W, 140 °C     |
| Controllable material cooling | Optional  |
| Drive technology              | Ball-screw in XYZ                                   |
| Servomotor                    | Absolute encoders                                   |



## USER COMFORT

|                        |   |
|------------------------|---|
| Stand-alone printing   | Per USB   |
| Network integration    | Ethernet link   |
| Remote servicing       | Yes   |
| Stop & Go function     | Yes   |
| Slicing software       | Simplify3D (standard)   |
| Override funktion      | Real-time adjustment of the printing parameters                       |
| Printing control       | Sinumerik 840D sl with server motors                                  |
| 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         | 18,5" Multi Touchscreen   |