

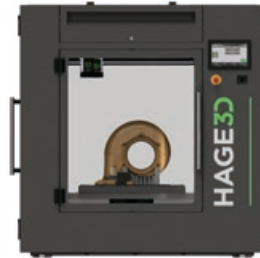
MODEL OVERVIEW



MEX ONE



MEX TWO



PRECISE ONE



PRECISE TWO

Build chamber (XYZ) in mm:	400 x 600 x 440	900 x 600 x 440	500 x 700 x 800	1,200 x 700 x 800
Drive technology XYZ:	Stepper motors with encoder	Stepper motors with encoder	Servo motors	Servo motors
Axis system:	XY: fibre-reinforced industrial belts Z: trapezoidal thread spindle	XY: fibre-reinforced industrial belts Z: trapezoidal thread spindle	XYZ: ball screw drives	XYZ: ball screw drives
Printing speed:	up to 200 mm/s <i>(depending on geometry and material)</i>	up to 200 mm/s <i>(depending on geometry and material)</i>	up to 350 mm/s <i>(depending on geometry and material)</i>	up to 350 mm/s <i>(depending on geometry and material)</i>
Layer thickness:	0.05 mm	0.05 mm	0.05 mm	0.05 mm
Heatable build chamber:	100°C	100°C	150°C	150°C
Heatable print bed:	180°C	180°C	180°C	180°C
Print bed system:	Quick-change special glass	Quick-change special glass	Vacuum bed with film or special glass	Vacuum bed with film or special glass
Print temperature:	450°C	450°C	450°C	450°C
Print head:	Dual-DSD	Dual-DSD, Multi-DSD (3-way)	Dual-DSD, Multi-DSD (3/4-way), PEX	Dual-DSD, Multi-DSD (3/4-way), PEX
Nozzle diameter:	0.1 - 1.0 etc.	0.1 - 1.0 etc.	0.1 - 1.0 etc.	0.1 - 1.0 etc.
Build-up rate, filament:	150 g/h	150 g/h	300 g/h	300 g/h
Build-up rate, pellets:	-	-	3.000 g/h	3.000 g/h
Open materials system:	Yes	Yes	Yes	Yes
Flexible materials up to 65A:	Yes	Yes	Yes	Yes
Technical thermoplastics:	Yes	Yes	Yes	Yes
3D-optimised high-performance materials:	Yes	Yes	Yes	Yes
High-performance materials:	-	-	Yes	Yes
Calibration:	Automatic	Automatic	Automatic	Automatic
Air cleaning unit:	Filtration system with active carbon filter and HEPA filter	Filtration system with active carbon filter and HEPA filter	Filtration system with active carbon filter and HEPA filter	Filtration system with active carbon filter and HEPA filter
Slicing software, open (Simplify3D, Cura)	Yes	Yes	Yes	Yes
Camera	Optional	Optional	Standard	Standard