



## AMCELL 1450®

### Technical information

AM technology	MEX; MMEX
Maximum printing height	500 mm
Maximum printing area	500x500 mm
Extruder system	Titanium printhead with magnetic suspension
Nozzle diameter	0.4 - 1.2 mm
Manufacturing materials	Polymers: ABS, ASA, CPE, HIPS, IGLIDUR I150, PA, PC, PETG, PLA, PP, TPU, VINYL. Composites: PA+ARAMIDE, PA+CF, PC+ABS, PC+PBT, CPE+CF Metals: SS 316, SS 17-4 PH, Inconel, Titanium.
Minimum layer height	50 µm
Build chamber	Heated with temperature control, Filter system
External and weight dimensions	1,059x 1,32 x 1,96 m. Weight: 350 kg

### Manufacturing platforms

Platform change system	Manual
Build platform	Heated, up to 150°C
Build platform material	Tempered glass (customizable)
Build platform calibration	Automatic-contactless
Final parts storage	Manual



## AMCELL 8300<sup>®</sup>

### Technical information

AM technology	Automated Multimaterial Deposition (AMD Technology <sup>®</sup> )
Build rate	8 tons metal/year - 2 tons polymer/year
Maximum printing height	350 mm
Maximum printing area	300 mm
Extruder system	Titanium
Nozzle diameter	0.4 - 0.8 mm
Manufacturing materials	Polymers: ABS, ASA, CPE, HIPS, IGLIDUR I150, PA, PC, PETG, PLA, PP, TPU, VINYL. Composites: PA+ARAMIDE, PA+CF, PC+ABS, PC+PBT. Metals: SS 316, SS 17-4 PH, Inconel, Titanium.
Minimum layer height	30 µm
Number of robots	8 (customizable)
Build chamber	Heated with temperature control, Filter system
External and weight dimensions	3,4 x 2 x 2 m. Unladen weight: 1300 kg. Loaded weight: 1700 kg

### Manufacturing platforms

Platform change system	Automatic
Ejection system	STEP System
Build platform	Heated, up to 150°C
Build platform material	Tempered glass (customizable)
Build platform calibration	Automatic
Final parts storage	Automatic TRAC3D