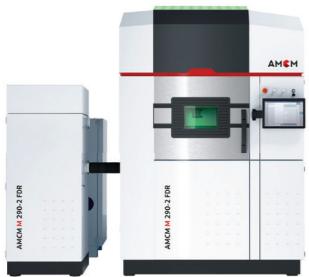


## Customizing EOS and AMCM series products



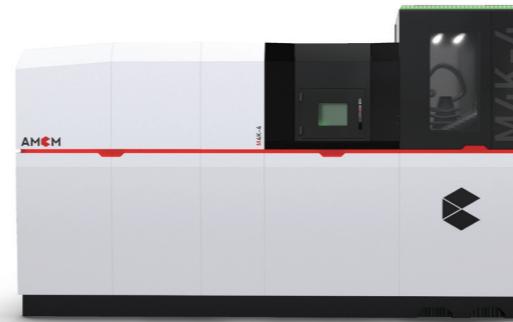
**AMCM M 290**

250 x 250 x 300 mm



**AMCM M 450**

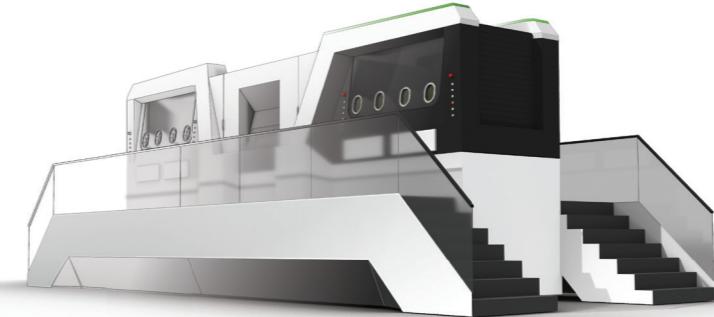
450 x 450 x 360 mm



**AMCM M 4K**

450 x 450 x 1000 mm

## Customizing from scratch



**AMCM M 8K**

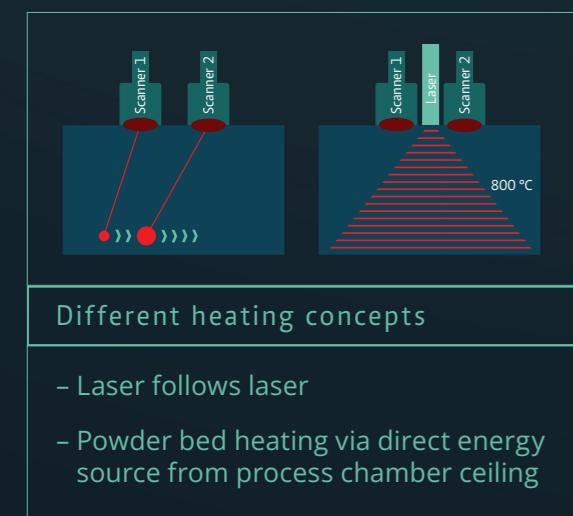
800 x 800 x 1200 (1600) mm

**AMCM M 10K**

and beyond

## Selected Customization

We tailor AMCM small series products or EOS systems to your needs — including process settings, heating concepts, spot sizes, and build volumes.



### Different heating concepts

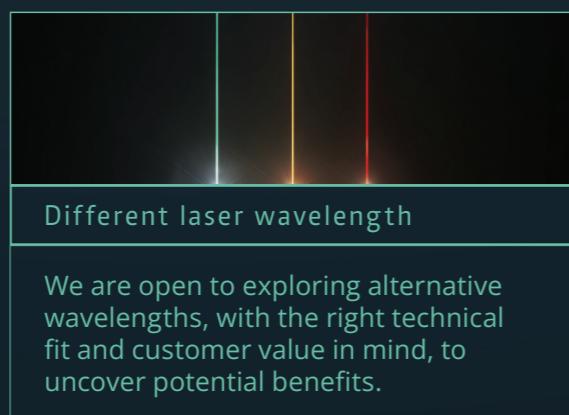
- Laser follows laser
- Powder bed heating via direct energy source from process chamber ceiling



### Baseplate heating modules

- 500 °C platform heating
- Active platform cooling
- Also available as build volume reduction
- Many new R&D options

### AMCM M 290



### Different laser wavelength

We are open to exploring alternative wavelengths, with the right technical fit and customer value in mind, to uncover potential benefits.



### Beam shaping technology

- From Gaussian to ring-shaped beams, from 85 – 210 µm spot size and 55 – 140 µm with FDR (fine detail resolution).
- Up to 3x higher volume rate per laser
- Small and large spot sizes
- Focused beam

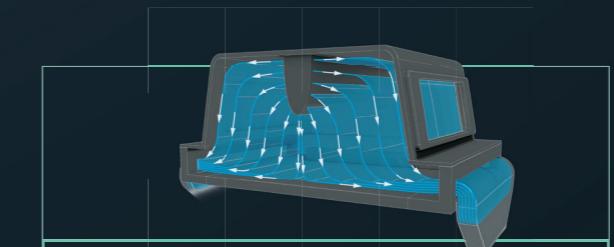


### Camera/ Calibration technology

- Utilizing EOS monitoring technology e.g. EOSTATE Exposure OT
- Pattern recognition for hybrid building

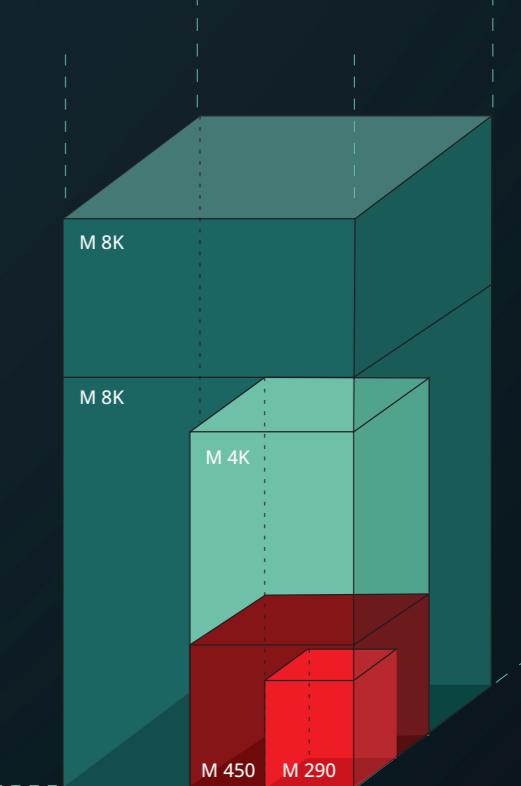
## Full Customization

We develop your system from scratch to meet highly specific requirements.



### AirSword™ concept

- Allowing ultra large LPBF 3D printing
- For easy scalability of building area
- Dynamic, multi-layered, and seamless gas flow that spans across the entire building area
- Maintaining optimal process conditions



**M 290** 250 x 250 x 300 mm

**M 450** 450 x 450 x 360 mm

**M 4K** 450 x 450 x 1000 mm

**M 8K** 800 x 800 x 1200 mm

800 x 800 x 1600 mm