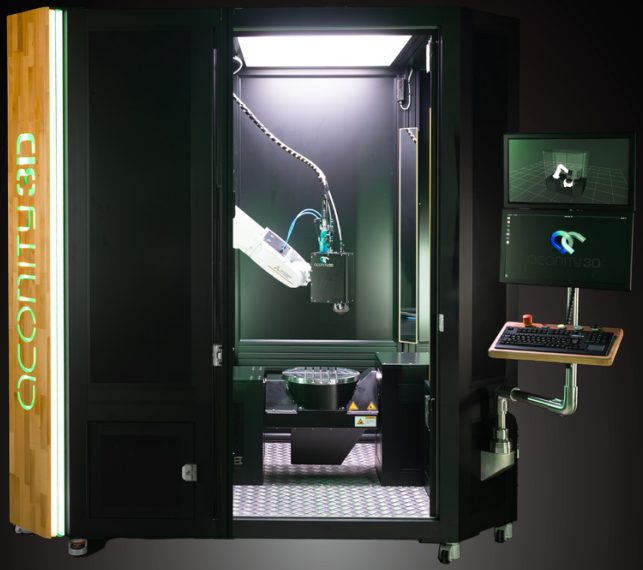
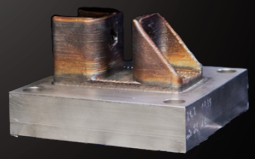
Aconity***WIRE***

Compact Wire-DED Machine





Part: Twisted Demonstrator
Material: 316L



Part: Bearing Block
Material: 316L

The Aconity***WIRE*** expands the portfolio with powder-free, wire-based metal 3D printing for ultra-fast near net-shape production. Optional re-manufacturing capabilities make it ideal for repair in aerospace and energy.

Technical ***SPECIFICATIONS***

Build Space	Ø 400 x 780 mm³
Laser Configuration	1000 - 3000 W
Optic Configuration	Ring-shaped intensity profile
Preheating Temp	500 °C
Mechanical Configuration	6-Axis Robot & 2-Axis Turn-Tilt Table with Unlimited Rotation
Repair Application	Fully Automated Hardware and Software Solutions
Multi-Material Support	Up to three Materials

More information:

Aconity*WIRE*
Multi-Material-Weldhead



The Multi-Material-Weldhead merges innovation, precision, and power for limitless manufacturing possibilities. Available as a production add-on and as a standalone process head module for flexible integration.

Technical *SPECIFICATIONS*

Multi-Material Support	Up to three Materials
Wire Diameter	Up to three Wires with 0.6 - 1.2 mm Adjustable throughout the process
Laser Configuration	1000 - 3000 W
Optics Configuration	Ring-shaped intensity profile
Repair Application	Fully Automated Hardware and Software Solutions
Process Control	Closed loop laser power adaption
Process Monitoring Spectral Range	Pyrometer 1 kHz 350 - 1100 nm

More information: