AddUP AddUP BeAM Modulo 400

Miscellaneous machine · Miscellaneous



Article number	**89-001752**
Condition	**Used machine**
Year of manuf.	**2022**
Control	**Siemens SINUMERIK ONE NCU 1750**

In general:

System	Industrial DED system
Safety	Vacuum lock and inert gas purging
Year of manufacture	2022
Weight	approx. 7,500 kg

Geometry:

Number of axes	5-axis kinematics with automatic tool changer
Travel ranges (x/y/z)	650×400×400 mm
Table diameter	400 mm
Table load capacity (max.)	100 kg
Measurement	Renishaw probe

Lasers & Optics:

Laser	Dual IPG laser
Fine machining	500 W (IPG fiber laser, 200 µm fiber)
High build-up rate	2000 W (2 kW) (IPG fiber laser, 600 µm fiber)
Optics	Precitec YW 30 optics with VX10/VX24 nozzles for standard and micro cladding

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Control unit:

Control	SINUMERIK ONE NCU 1750 (SW 6.14) on a 24" SIMATIC touch panel
Process preparation	Via Siemens NX CAM and edge computing (IPC 427e)
Monitoring	Live process control via HMI Display Manager and sensors for the chamber atmosphere

Electrical specifications:

Total power	62 kW.
Current	110 A.
Voltage	3×400 V / 50 Hz (control circuit

Materials used:

Material	Two Medicoat powder conveyors for titanium (Ti64), nickel-based alloys, steel, and hard materials

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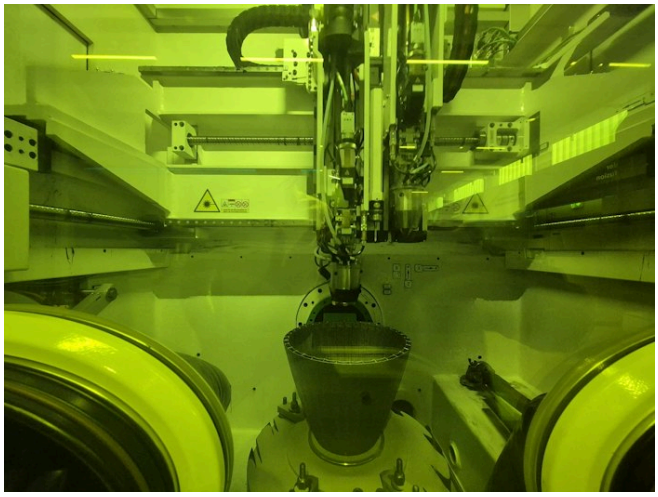
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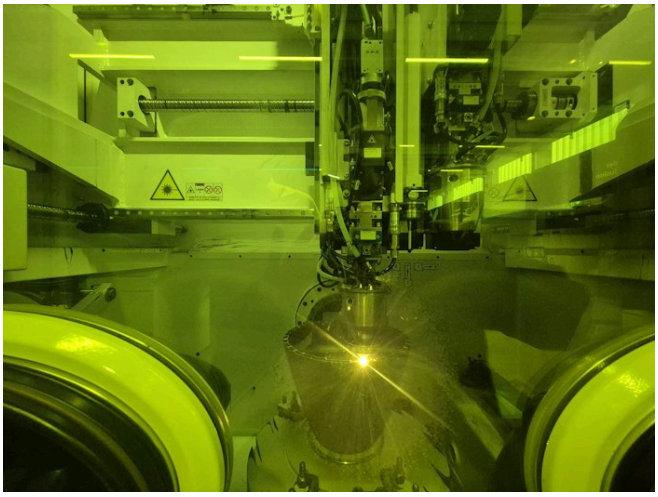
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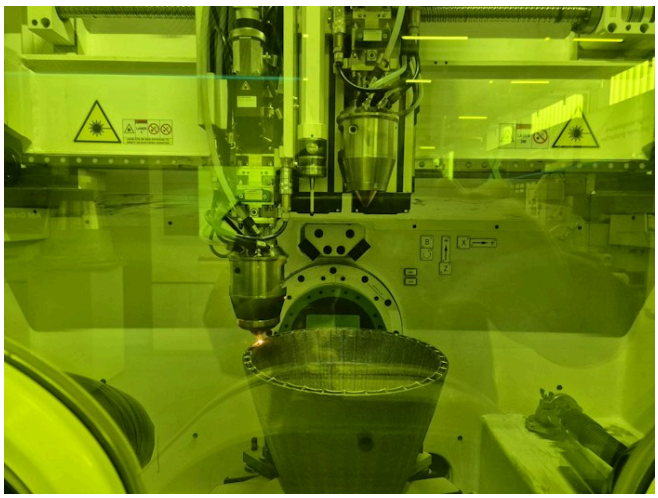
Product images













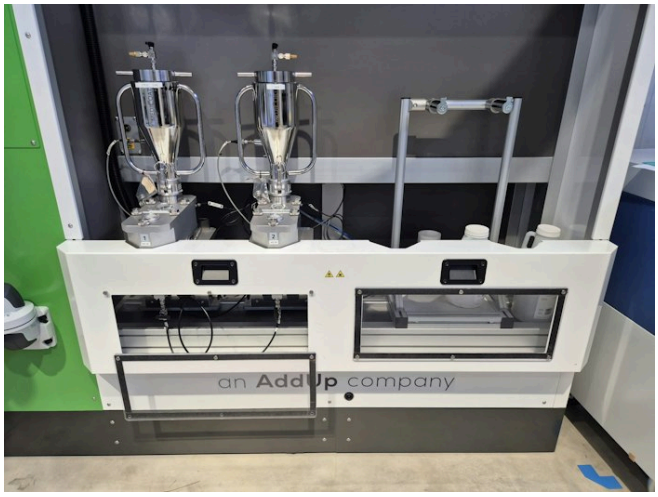
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