

Optimising the Process Chain of Ti6Al4V- Components with Additive Manufacturing

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SLaVAM Powder Bed Machine

EVOLVEAM®

Selective Laser Vacuum Additive Manufacturing

- 200W fiber laser
- Scan system with mirror position resolver
- Scanner water cooling system
- F-Theta Lens with in-vacuum metal vapour protection system
- **Build space heating system up to 1100°C**
- Vacuum chamber with full water-cooling jacket
- Vacuum-powder dosing system
- Vacuum system with turbo molecular pump $\leq 1 \times 10^{-5}$ mbar
- 21,5" Multi-touch control panel
- Control cabinet with PLC and 20 bit real-time control of laser and scanner
- Integrated closed loop water chiller

