

H3000 FINISHING MODULE



The H3000 Finishing Module is a self-contained, easy-to-use plug & play machine for the fully automated application of the patented Hirtisation Process for the post-treatment of 3D-printed metal part.

With it, sintered-on particles and support structures are removed and the surfaces smoothed. Hirtisation is suitable for all metals and alloys commonly used in 3D printing.

SYSTEM FEATURES

- Part sizes up to 300 x 300 x 100 mm / max part weight 9000 g
- Operation possible by personnel without special education
- Process applicable for Titanium parts with more materials (Aluminum, Stainless steel, Inconel) coming soon
- Automated removal of support structures
- Automated removal of partially melted grains and powder cake
- Smoothing of surface roughness while retaining sharpness of edges
- Polishing of surfaces
- Finished parts are cleaned and vacuum dried
- Process chemicals are fully integrated, automatically regulated and can safely be replenished
- Process time varies from 10 minutes to 3 hours depending on part size and quality requirements
- Multiple parts can be finished in parallel
- A worldwide support and distribution network ensures a timely supply of process media

SYSTEM SPECIFICATION AND REQUIREMENTS

Dimensions	Length 3800 mm, Width 1900 mm, Height 2250 mm
Power supply	33 kW, 63 A, 400 V
Exhaust air flow	150 m ³ /h
Connection	Fresh water
	Waste container for acidic process media waste, system supports integrated dry connection

A large, faint, stylized 'H' logo is centered in the background. The 'H' is composed of three vertical bars of varying heights, with the central bar being the tallest. The top of the 'H' is rounded and features a decorative, slightly flared design. The entire logo is rendered in a light red color, matching the background. The background itself is a solid, vibrant red with a subtle gradient and a faint, larger-scale version of the 'H' logo behind it.

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