

Technical Data Sheet Incus Hammer Evo35



The Incus Hammer Evo35 is built on proven Incus Lithography-based Metal Manufacturing technology, enhancing metal 3D printing with exceptional surface quality and precision for complex structures. It offers cost efficiency, reproducibility, outstanding mechanical properties, and high manufacturing speeds for parts ranging from 0.5 g to 200 g. The binder-based approach, incorporating up to 55% metal powder, eliminates free powder, ensuring a clean, hazard-free work environment. The self-supporting feedstock removes the need for support structures and potential machining.

Complexity – Quality – Productivity

The versatility of the Evo35 solution enables R&D for material development, as well as the production of single pieces and mass production across various applications, including aerospace, automotive, medical and dental, electronics, luxury jewelry, and industrial sectors.

Properties & Benefits

Complex geometries with
highest resolution and
best surface quality

No need for print
supports, reducing
material usage

Cost-efficient production
of parts ranging from
0.5g to 200g

Projector Data

Lateral resolution ⁽¹⁾	35 µm- 726 dpi
Number of pixels (X, Y)	1600 x 2560
Light source	LED – WQXGA-chip

Printer Data

Platform size (X, Y) ⁽²⁾	56 mm x 89,6 mm
Max. build height (Z)	150 mm
Layer thickness	10 – 100 µm
Build speed	Up to 200 layers per hour Up to 100 cm ³ per hour
Data format	.png image stack

General Data

Power supply	AC 230 V – 3.2 kW
Dimensions (W x D x H)	1260 mm x 880 mm x 2050 mm
Weight	740 Kg



(1) Other options for resolution available upon request.

(2) Different platform dimensions for other resolutions.