YOUR ENTRY INTO PROFESSIONAL VAPOR SMOOTHING

Largest process chamber in its class

With a 24.6l process chamber – the largest in its class – the VX1 enables high throughput per cycle while maintaining a compact design. It delivers smooth, sealed, and ready-to-use parts with an exceptionally low total cost of ownership, making it an ideal solution for entry-level production with a fast and predictable return on investment.

Easy plug & play vapor smoothing

The VX1 is designed around simplicity and flexibility, allowing easy integration into existing workflows. Its compact all-in-one design and operation via a standard electrical outlet make it intuitive to use, even for first-time users. Everybody can start professional vapor smoothing quickly, with minimal training and very low upfront investment.

Safe & sustainable solvent technology

We use a non-toxic, PFAS-free solvent with a cartridge-based system in a closed process environment to ensure safe and clean operation. The cartridge return program helps reduce consumable expenses while low energy consumption keeps running costs consistently low over the machine's lifetime.

TECHNICAL DATA

VX1

PERFORMANCE

Cycle time	1.5 to 3h
Process chamber volume Ø x H	280 x 400 mm (24.6l) | 11.0 x 15.7 in (1,501 in³)
Compatible printing technologies	SLS, MJF, HSS, SAF
Compatible materials	PA12, PA11, TPU (request latest material compatibility list from DyeMansion for more info)

DIMENSIONS

System (L x W x H) closed lid	660 x 450 x 1100 mm | 26.0 x 17.7 x 43.3 in
System (L x W x H) open lid	660 x 450 x 1680 mm | 26.0 x 17.7 x 66.1 in
Recommended space requirement in operation (L x W x H)	700 x 490 x 1800 mm | 27.6 x 19.3 x 70.9 in

WEIGHT

System	90kg | 200 lb

POWER

Requirements	Single-phase AC 230 V, 50 Hz, max. 14 A (line-to-neutral) 208 V, 60 Hz, max. 13 A (line-to-line) Maximum power input: 3.2 kW @ 230 V
Energy consumption	Less than 1 kWh per cycle

CONNECTIVITY

EG25-G LTE Cat 4 Modem

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Status 02/2026. Technical data subject to change without notice. Please request latest technical data from team DyeMansion.