



1200x1300 mm Max Frame Size	1100x1200 mm Max Exposure Area	2150x1860x1550 mm Machine Dimensions (W × D × H)	1500 kg Net Weight
Steel Steel Structure Integrated high-strength steel chassis for rigidity and vibration resistance	HIWIN HIWIN Rails Premium HIWIN linear guides for smooth, precise XY motion	Cool Water Cooling Integrated water-cooling system for stable laser performance	DMD DMD DLP Imaging TI DMD digital micro-mirror device for ultra-sharp dot imaging

FULL SPECIFICATIONS

Parameter	Value / Description
Max Frame Size	1200x1300 mm
Min Frame Size	400x400 mm
Max Exposure Area	1100x1200 mm
Machine Dimensions (W×D×H)	2150x1860x1550mm
Net Weight	1500 kg
Imaging System	DMD DLP Digital Imaging Technology
Emulsion Thickness (EOM)	10 – 900 um (SBQ-specified emulsion, incl. mesh)
Exposure Time	120 – 240 sec/m2 (@ #350 yellow mesh)
Image Resolution	1270/2540/12700 DPI (PDF vector) (Optional)
Halftone Frequency	Up to 133 – 200 LPI (200 LPI@2540 DPI)
FocusSystem	Dynamic Auto-Focus (real-time Z-axis)
File Formats	1-bit TIFF, Gerber, PDF Vector
Laser Type	UV Laser, wavelength 405 +/- 5 nm
Laser Power	20W / 25W / 30W (optional)
Frame Thickness	25 – 40 mm (custom available)
Registration Pins	M&R Tri-loc / ROQ pin / MHM pin
Work Environment	Yellow-light room; 22 +/- 2 degC
Power Supply	Single-phase 220V, 50/60 Hz, 4 kW (varies by model)
Compressed Air	0.5 MPa



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