



**Up to 2x more  
Imaging Power**



**Full area high  
Resolution scaling**



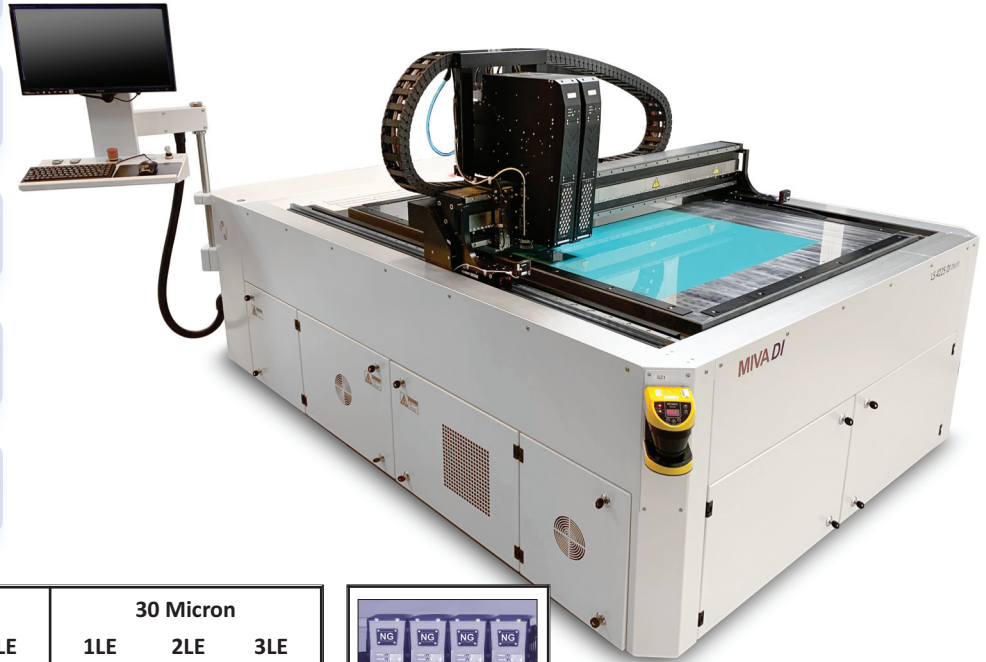
**DART Yield  
Improvement tool**



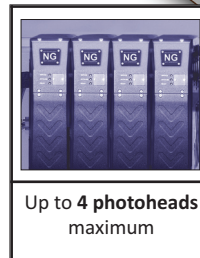
**XXL Image area  
30" x 60" or 42" x 60"**



**Bespoke Custom  
Build on request**



APPLICATION	15 Micron			30 Micron		
	1LE	2LE	3LE	1LE	2LE	3LE
Inner Layer	22	34	46	34	50	63
Outer Layer	20	31	42	23	39	50
Soldermask	9	15	21	10	17	23



**Note 1:** All values include imaging both sides, load and unload times, 18" x 24" [ 457 x 610mm ]

**Note 2:** All values assume high speed resist types, other resists available upon request.

**Note 3:** All values are panels/hour.

Max image size:	30" x 60" (762mm x 1524mm) or 42" x 60" (1067mm x 1524mm)
Media sizes from:	2" x 2" (50mm x 50mm)
Minimum structure:	15µm or 30µm
Machine positional accuracy Over 18"x24" @21°C +/- 1°C	absolute: ± 0.4 mil / 9 µm repeatability: ± 0.2 mil / 4 µm
Physical size:	H: 69"/175cm, W: 59"/150cm D: 100"/254cm; Weight: 2325 kg
Power requirement:	400-480 VAC, 50/60 Hz, 5.5 kW (900 W when idle!)
Compressed air:	Integrated gas filtering system for 120 L/min @ 6 bar or air compressor optional
Technology:	DMD Raster Image Projection Technology / Solid state UV light sources
Environment:	Dependent on resist/emulsion sensitivity – yellow or red safe light conditions recommended for loading panels or other media
Recommended temperature/humidity:	21°C 50% RH
Media:	Resist coated panels, UV films, solder mask, red sensitive or orthochromatic phototooling films or masks up to 20mm thick
User dialogue:	Simple instructions for programming and operation by keyboard or remote control
Communications:	Local area network, Removable media.
Protocol emulations:	Gerber RS 274-X, PostScript, TIFF, others on request
User interface:	xDI Multihead control program (Windows compatible)
Panel registration:	Inbuilt coaxial registration camera

# MIVA 3000L

## Direct Imager

### Next Generation Series

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## Direct Imaging Systems MADE IN GERMANY

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