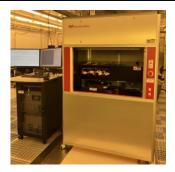
## AGGIEFAB NANOFABRICATION FACILITY

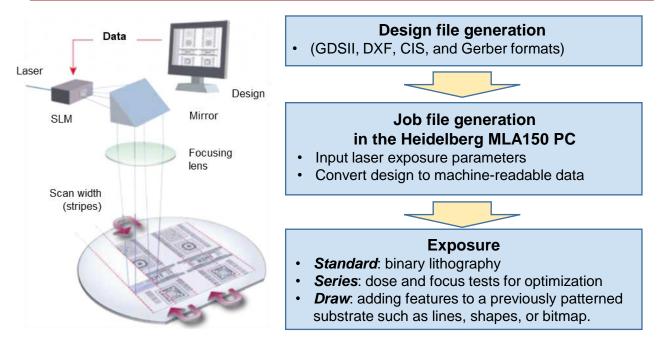


## Heidelberg MLA 150: Maskless Aligner



The Heidelberg MLA 150 Maskless Aligner is a highspeed direct laser writer for photolithography without contact on a substrate. It utilizes diode lasers and a high-precision stage to write the laser on a substrate from design files, which enables rapid prototyping of tiny features and photomask generation.

## Work flow



System features	
Laser wavelength (nm)	375
Substrate size (mm <sup>2</sup> )	5X5 – 200X200
Substrate thickness (mm)	0-12
Minimum feature size (µm)	0.6
Global 2 <sup>nd</sup> layer alignment (3σ, nm)	500
Local 2 <sup>nd</sup> layer alignment (3σ, nm)	100
Grayscale	128 gray levels