

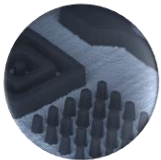
# Roll to Roll Direct Imaging



**ALDS-Power4+™**  
High Power LEDs  
High Resolution DMD

4 LEDs per Photo Head: 365/380/395/405nm  
Dynamic Autofocus: ±8mm

**Resolution**



Down to  
10µm | 0.4 mil

**Registration**



±8µm | ±0.3mil  
Image to Panel

**High  
Throughput**

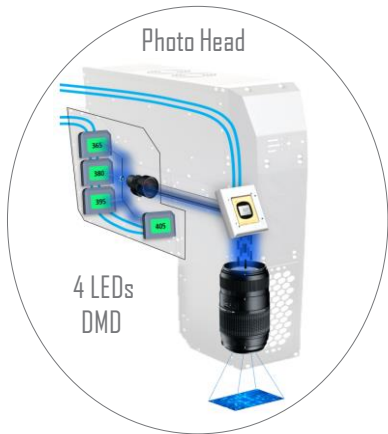


≥ 5100 prints / day

**High Savings**



-80%  
Cost of ownership



**ALDS-Power4+™**  
High Power LEDs  
High Resolution DMD



4 LEDs per Photo Head for Higher Productivity and Printing Quality

High Accuracy Registration

Print on All Types of Photoresists & Solder masks

Industry 4.0 Compatible ✓

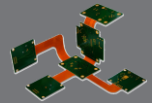


**From 2 to 6 Photo Heads | Upgradable on site**

## ADIX Roll to Roll Specifications

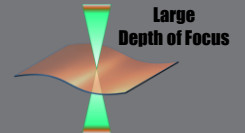
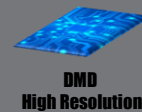
### Applications

FPC, PCM, PCB, HDI Multilayers Flex Rigid Flex  
From 190x190mm (7.5x7.5") up to 610x685mm (24x27")  
Web thickness: 0.03 to 0.5mm (1.1 to 20mils)



### Printing

Sophisticated Photo Heads for high throughput  
Line & Space: up to 10/10µm (0.4/0.4mil)  
Edge Roughness: up to ± 0,5µm (± 0.2mil)



### Alignment

± 8µm | ± 0.3mil Image to Web material (Holes or Pads)  
± 12µm | ± 0.5mil Side to Side



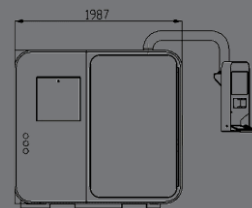
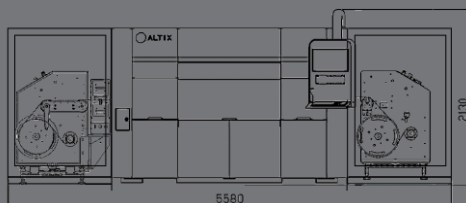
### Special features

**Stitching function** (Continuous/Endless image)  
*Multi images connected together*

**Long Rigid Panel** (PCB Semi auto mode)  
*Function for R&D and production departments*



### General Utilities



220/400/480V | 3 Phases | 50/60Hz  
Air: 6~7 bars | 1.5m<sup>3</sup>/min  
Water: 3 to 5 bars  
5,580mm (L) x 1,987mm (W) x 2,130mm (H) | 220" (L) x 78" (W) x 83" (H)