

ROLL to ROLL Product Range

Single & Double Side UV Exposure Roll to Roll

FPCB / Flex

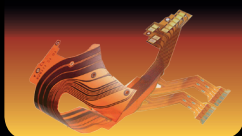
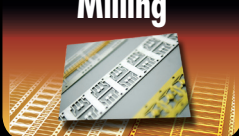


Photo Chemical
Milling



Touch Panel



Photovoltaics



AcuReel



Arrow

LEDLight™
ColliLight™



Solution For High-End Roll to Roll Exposure Processes

Resolution

Down to
15µm | 0.6mil

Registration

±5µm | 0.2mil
AW/AW

Throughput

Up to 9000
images/day

High Savings

High Power
UV LEDs



ALTIX
AUTOMA-TECH™





UV Light Sources



AcuReel Specifications

Arrow Specifications

Applications	FPCB / Flex • Photo Chemical Milling • Touch Panel • Photovoltaics			
Web Width	228 to 610 mm 9 to 24"		250 mm 9.85"	
Image Length	Up to 762 mm up to 30"		Up to 400 mm up to 15.75"	
Web Thickness	Down to 15µm Down to 0.6 mil			
Exposure Mode	Simultaneous and independent double side exposure			
Resolution	Down to 15µm Down to 0.6 mil			
Light Engine	ColliLight™ 2x5kW or 2x8kW	LedLight™	ColliLight™ 1x5kW or 2x5kW	LedLight™
Light Intensity	≥25mW/cm² (5kW lamp)	Up to 55mW/cm²	≥25mW/cm² (5kW lamp)	Up to 55mW/cm²
	≥40mW/cm² (8kW lamp)		≥40mW/cm² (8kW lamp)	
Collimation	≤ 1.5°	≤ 1.6°	≤ 1.5°	≤ 1.6°
Declination	≤ 1°	No declination	≤ 1°	No declination
Uniformity	> 80%	> 85%	> 80%	> 85%
Alignment	±5µm Artwork to Artwork ±8µm Artwork to Web		±5µm Artwork to Artwork ±8µm Artwork to Web	
CCD cameras	From 4 to 8 CCD cameras			
Throughput	Up to 8000 images per day		Up to 9000 images per day	
Software	17" touch screen with ALTIX SUITE			
Languages	English, Simplified & Traditional Chinese, Korean, German, French...			
High Yield				
Air cleanliness	HEPA filter class 100 & Clean Dry Air Network (CDA)			
Construction	Stainless steel			
General Utilities				
Power Supply	220/400/480V 3 Phases 50/60Hz			
Air Supply	6-7 bars – 1.5m³/min			
Power Consumption	17kW (2x5kW lamps)	25kW (2x8kW lamps)	6kW with LedLight™	
Water Supply	20-30 l/min @3 bars (for 2x5kW)	50-80 l/min @3 bars (for 2x8kW)	20-30 l/min @3 bars	
UV source cooling	Air cooled / Close Loop Lamp Cooling (CLLC)			
Machine Weight	4,750kg		3,700kg	
Dimensions	5,350mm (L) x 2,978mm (W) x 2,350mm (H)		3,190mm (L) x 2,242mm (W) x 2,349mm (H)	
	5,350mm (L) x 2,430mm (W) x 2,350mm (H) (cabins)			



ALTIX

Manufacturing, Sales & Service:

Europe: Altix France – HQ

Email: central@altix.fr

Taiwan: Altix Asia

Email: central@altixasia.com

Direct Sales & Service:

Asia: Altix China

Shanghai, Kunshan,

Zhuhai Offices

Email: central@altix.cn

North America:

Altix NA, Inc.

West Coast, Middle West

and East Coast

Email: central@altix.us

Imaging with us!



www.altix.fr