World-Class Customer Services

On-site Support



Remote Support



ALTIX Service Engineers are highly skilled and qualified to work on all aspects of equipment performance.

Installation, preventive maintenance, machine modification or any application issue can be completed while ALTIX is on-site.

All ALTIX machines can be monitored and controlled by remote access. This remote access allows a deep and accurate analysis of any request from the end user.

Our extensive experience and full remote access to the machine enables a rapid return to full production.

Preventive Maintenance



Software Ungrades



Periodic preventive maintenance is the best way to get your equipment in perfect working condition and peak performance for the life of the machine.

ALTIX machines are regularly updated to add new functionality. Most updates may be implemented in our installed base of machines, making their functionality current.

R&D Support



Parts & Inventory



Our experienced R&D department receives regular feedback from our Engineers and Customers in the field. This allows ALTIX to be reactive to Customer needs.

ALTIX welcomes R&D input from various sources, allowing our machines to adapt to specific Customer requests.

ALTIX stocks all critical parts necessary to maintain Customers' machine operability. ALTIX Customers may receive parts very quickly, either from ALTIX HQ or its subsidiaries.

Applications Support



Training



ALTIX's application center has years of experience with all ALTIX' solutions. Our application team aims for the results our Customers expect, and is available to assist on any level.

ALTIX offers comprehensive training on equipment, either at ALTIX HQ or on-site at the Customer location.

Training is provided by ALTIX Service Engineers who are not only very skilled with our machines, but also quite familiar with each Customer's specific requirements.

Imaging with us!



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



Product Overview







DIRECT IMAGING CONTACT EXPOSURES



Afosa

Semi-Automatic Panel to Panel Exposure

Light Engine

Inner Layers, Outer Layers & Soldermask / PSR **Process** Up to 610mm x 762mm | Up to 24" x 30" Exposure Area

 $15\mu\text{m}/15\mu\text{m}$ | 0.6mil/0.6mil (Line & Space) for dry film Resolution

Min Dam 50µm | 2mil for Soldermask

Mach3®LedLight™, LedLight™, ColliLight™ 5kW & 8kW



ACURA

Acura

Fully-Automatic Double Side Panel to Panel Exposure

Inner Layers & Outer Layers Process

Up to 610mm x 762mm | Up to 24" x 30" Exposure Area

 $15\mu\text{m}/15\mu\text{m}$ | 0.6mil/0.6mil (Line & Space) for dry film Resolution

LedLight[™], ColliLight[™] 5kW & 8kW Light Engine



Acura LED SM

Fully-Automatic Double Side Panel to Panel Exposure

Soldermask / PSR **Process**

Up to 533mm x 610mm | Up to 21" x 24" Exposure Area

Min Dam 50µm | 2mil for Soldermask Resolution

Light Engine Mach3®LedLight"



AcuReel 300

Fully-Automatic Roll to Roll Exposure

Process

Up to 300mm x 500mm | Up to 12" x 19.7" Exposure Area

15μm/15μm | 0.6mil/0.6mil (Line & Space) for dry film Resolution

Light Engine

Inner Layers, Outer Layers & Soldermask / PSR / Sheet to Roll

Min Dam 50µm | 2mil for soldermask LedLight™, ColliLight™ 5kW & 8kW



AcuReel 550

Fully-Automatic Roll to Roll Exposure

Inner Layers, Outer Layers & Soldermask / PSR / Sheet to Roll **Process** Up to 550mm x 650mm | Up to 21.6" x 25.6" Exposure Area

 $15\mu\text{m}/15\mu\text{m}$ | 0.6mil/0.6mil (Line & Space) for dry film Resolution Min Dam 50µm | 2mil for Soldermask

LedLight™, ColliLight™ 5kW & 8kW Light Engine

Adix SA Semi-Automatic Panel to Panel DI Exposure

Inner Layers, Outer Layers & Soldermask / PSR **Process**

From 228 x 254mm up to 610 x 762mm | From 9"x10" up to 24"x30" Exposure Area

Resolution $10\mu\text{m}/10\mu\text{m}$ | 0.4mil/0.4mil (Line & Space) for dry film

Min Dam 25µm | 1mil for Soldermask

Light Engine ALDS-Power4+™ Data preprocessing in hidden time + High UV Power

with 4 LEDs per Photo Head

Adix CS / F (Compact - Island of Automation) Fully Automatic Double Side

Compact Standardized / Flip

- Adix SA can be incorporated with « Compact Automation » allowing full automatic operation
- Up to 610 x 610mm / Cycle time of 25s per side / Optimized footprint
- Modus AAA... to BBB... with intermediate buffer
- Dedicated for all resists: Dry Film & Soldermask





Adix PT / F (In-Line Automation)

Fully Automatic Double Side Pass-Through / Flip

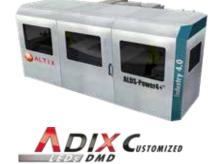
- Adix SA can be incorporated with « Pass-Through Automation » allowing full automatic operation
- Up to 610 x 610mm / Cycle time of 10s per side thanks to a quick panel change
- Inline or Stand Alone solution / Pass-Through side by side or Flip double side Production
- Multibatch / High mix & medium volume
- Dedicated for all resists: Dry Film & Soldermask





Adix with Customized Solutions

- Adix Units can be incorporated with various Customized « Smart Automation » solutions in order to allow full automatic operation
- Customized solutions fit all specific Customer needs and are adequate for small lot sizes, high mix and high volume production



Adix RtR Fully-Automatic

Roll to Roll DI Exposure

Inner Layers, Outer Layers & Soldermask / PSR Process Up to 610mm x 685mm | Up to 24" x 27" Exposure Area

 $10\mu m/10\mu m$ | 0.4mil/0.4mil (Line & Space) for dry film Resolution Min Dam 25µm | 1mil for Soldermask

ALDS-Power4+™ Data preprocessing in hidden time Light Engine + High UV Power with 4 LEDs per Photo Head



