

Dual Spindle DD and/or DR
Full Panel Target Holes
Drill in Centre (DIX)
First Article Checking

NEW

NEW

Multi Zone
Multiple Targets for
CCD Registration

High Performance X-Ray Tube
70KV
Layer Specific or Padstack
High Cu Content
Maximum Contrast

NEW

NEW

S80
Next Gen High Speed Control
Fully Integrated I 4.0
Automation Option
Panel Serialization

NEW

Solid Granite Structure
8 Micron Highest Accuracy
Temperature Concept

NEW

Flex Table with Vacuum Function
Full Panel Detection
No Dead Zone

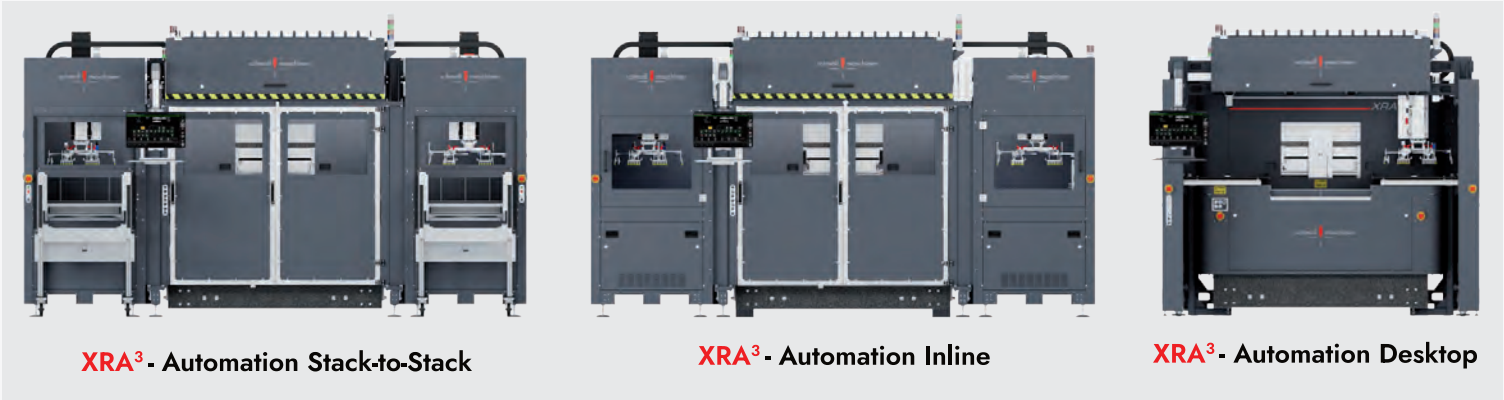


XRA³

Full Panel X-Ray Drilling



Available Options			
Models	XRA ³	XRA ³ -XL	XRA ³ -XXL
Automation	Desktop / Inline / Stack to Stack / Easy Robot		
Drilling Spindle (Up to 3 Heads)	T160 (20-200k) / T200x (20-200k) / T250 (20-250k) Full Range		
Routing Spindle	DR130 / SM60		
Specifications			
Panel Size	30" x 28"	36" x 28"	48" x 32"
Machine Base	Full Body Granite		
Controller	S80 – Latest Technology High Performance Controller		
X/Y/Z – Axis Drive	AI-Driven Wear and Maintenance Free Linear Motor		
X-Ray Source	70 KV (Optional 90KV) Heavy Copper		
Tool Cassette	Choice of Euro or JTC (Optional Up to 3 Fold)		
CCD Vision System	Min. Pad Diameter 0.20 mm		
CCD Field of View	10.0 mm x 10.0 mm		
Layer Count	Up to 99 Layers with Layer-Specific Feedback for Pre-Process		
Panel Fixture/Alignment	Vacuum Table with Laser Line Positioning (Optional Soft-Tooling)		
Machine Accuracy	+/- µm 8, Cpk > 1.67 (Schmoll Accuracy Test)		



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