



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

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

NEW

NEW
Solid Granite Structure
6 Micron Highest Accuracy
Temperature Concept

NEW
Flex Table with Vacuum Function
Full Panel Detection
No Dead Zone

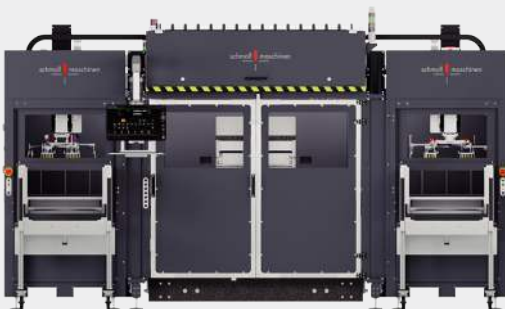


XRA³

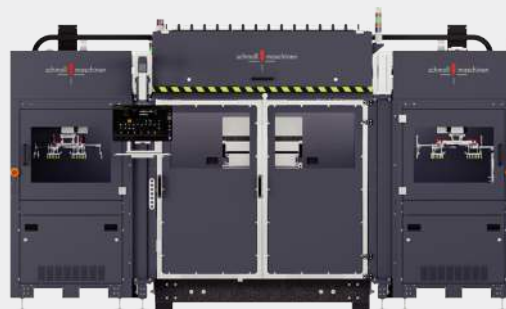
Full Panel X-Ray Drilling



Available Options		
Models	XRA ³	XRA ³ -XXL
Automation	Desktop / Inline / Stack to Stack / Easy Robot	
Drilling Spindle (Up to 3 Heads)	T160 (20-160k) / T200x (20-200k) / T250 (20-250k) Full Range	
Routing Spindle	DR130 / SM60	
Specifications		
Panel Size	30" 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)	
Drill in Center Accuracy	± 9 µm	



XRA³ - Automation Stack-to-Stack



XRA³ - Automation Inline



XRA³ - Automation Desktop

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