

**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**  
6 Micron Highest Accuracy  
Temperature Concept

**NEW**

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

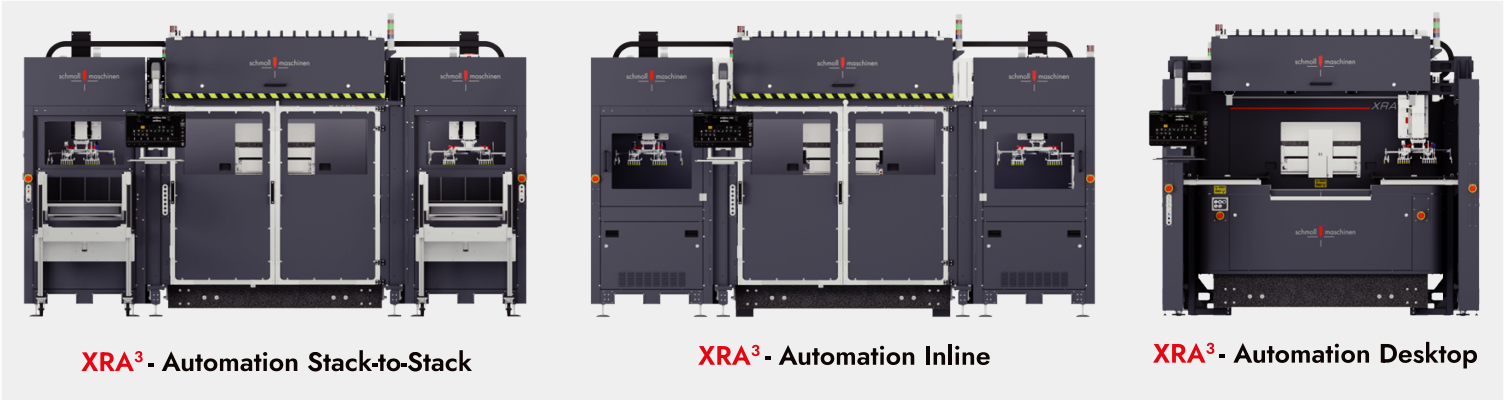


# XRA<sup>3</sup>

## Full Panel X-Ray Drilling



Available Options		
Models	XRA <sup>3</sup>	XRA <sup>3</sup> -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	



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