

schmoll asia pacific

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

NEW

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

NEW



NEW

Multi Zone
Multiple Targets for
CCD Registration

NEW

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

Download now

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

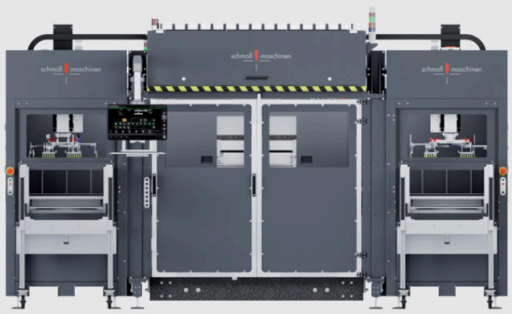
MADE IN GERMANY

SPECIFICATIONS

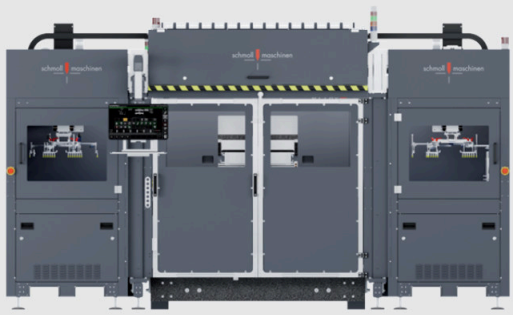
schmoll asia pacific

Available Options		
Models	XRA³	XRA³-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	

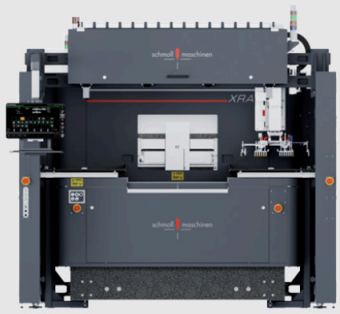
Specifications		
Panel Size	30″ x 28″	50″ x 32″
Machine Base	Full Body Granite	
Controller	S80 – Latest Technology High Performance Controller	
X/Y/Z – Axis Drive	AI-Driven Wear and Maintenance Free Linear Motor	
X-Ray Source	70 KV (Optional 90KV) Heavy Copper	
Tool Cassette	JTC (5x50 tools)	
CCD Vision 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

Schmoll Maschinen HQ

Schmoll Maschinen (Germany)
Odenwaldstraße 67
D-63322 Rödermark/Ober-Roden
Germany
☎ +49 60 74 89 01-0
✉ info@schmoll-maschinen.de
🌐 www.schmoll-maschinen.de

Schmoll Asia Pacific

SAP Hong Kong (Head Office)
☎ +852-28505909
✉ sales@schmoll-asia.com
🌐 www.schmoll-asia.com
SAP Taiwan
☎ +886-3-3583808
SAP Dongguan
☎ +86-769-22419199
SAP Kunshan
☎ +86-512-57371850
SAP Korea
☎ +82-31-4978779
SAP Thailand
☎ +66-2-711-7349-50
SAP Japan (Head Office Osaka)
☎ +81-6-6531-2127
SAP Malaysia
☎ +60 (0)4 588 7396

Schmoll-asia.com

Schmoll WeChat

©Schmoll Maschinen GmbH - All rights reserved. - We reserve the right to alter product specification & design without prior notice.

Rev. 02/2025