

schmoll asia pacific

Sliver Control
NEW

DIC Drill in Centre
NEW

MHM Multi Hole Measurement
NEW

Offline Measurement Interface
NEW



NEW
Industry 4.0 Connectivity

Reference Lot Drilling

NEW
Automated Collet Cleaning

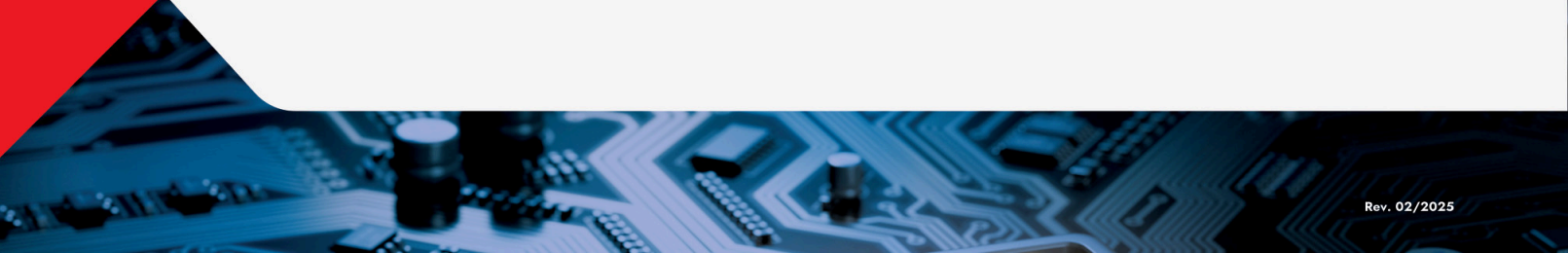
NEW
Active **Process Monitoring**

NEW
Grid Mapping

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EAGLE XY CCD BD5.0
Backdrilling Solutions

MADE IN GERMANY



Rev. 02/2025

SPECIFICATIONS

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Models	EXY-6-2228	EXY-6-2528	EXY-6-2532	EXY-6-2643
Description	High-End Backdrilling	X High-End Backdrilling	XL High-End Backdrilling	XXL High-End Backdrilling
Spindles Choice	T160 (20-160k) full range / T200x (20-200k) full range / T250 (20-250k) full range			
Panel Size	22.4"x 28.7" (570x730 mm)	24.8"x28.7" (631x730mm)	24.8"x32.1" (631x815 mm)	25.8"x43.0" (656x1092 mm)
	Other Panel Formats available on request			
CCD Registration	CCD Target size from Ø 0.2mm - 8mm			
Depth Control	Including: Smart Coupon & Mapping Offline Measurement Interface Reference Lot Drilling			
Basic Accuracy (Schmoll Standard Test)	X/Y axis Ø +/- 15 µm , Cpk > 1.67			
Options				
Backdrill 5.0	Including BD 4.0 Features High Resoluion Cameras down to Ø 0.1mm Multi Hole Measurement Drill in Centre Smart Climate Control			
Multi Hole Measurement	Reduced measurement cycle time through scanning of the holes within the camera window			
Drill in Centre	Improved sliver control and stub length accuracy			
Offline Mapping	Offline Measurement Interface for panel thickness Data			
Reference Drilling	Lot Masterpanel Data Reference			
Automation	ACC – Automatic Collet Cleaning			
Common Specifications				
Dimensions	4183 x 2000 x 1720 mm	4560 x 2000 x 1720 mm	4560 x 2200 x 1720 mm	4815 x 2620 x 1720 mm
Weight (nets)	11,200 kg	12,500 kg	13,200 kg	14,000 kg
Controller	S80 – Latest Technology High Performance Controller with Industry 4.0 connectivity			
X/Y/Z – axis drive	AI-driven wear and maintenance free linear motor – 90 m/min – Z 60m/min			
Tooling System	Prism-Slot Tooling pin Ø 3 ~ 5mm with Online Accuracy Check (OAC) – Optional Vacuum Table			
Tool Cassette	JTC 6 x 50 tools (optional 6 x 100 ringless UT) / JTC 8 x 50 tools (optional 8 x 100 ringless UT)			
Pressure Foot	3 PPF (3 position pressure foot) with 2 mm, 3.6 mm or 8 mm – Easy clean function			

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