

schmoll asia pacific

S80 Next Gen High Speed Controller
NEW

Durable High Performance **Spindles**

High Speed **AI- Drives**
NEW

Optional **Automation** QLB, DTE, ALS
NEW



NEW
Industry 4.0 Connectivity

Solid **Granite Structure**

NEW
Automated Collet Cleaning

NEW
Active **Process Monitoring**

Download now

HAWK/EAGLE

Microdrilling/Depthcontrol

MADE IN GERMANY

SPECIFICATIONS

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Hawk Models	HS-6-2228	HS-6-2528	HS-6-2532	HS-6-2643
Description	High-End Drilling	X High-End Drilling	XL High-End Drilling	XXL High-End Drilling
Spindles Choice	T160 (20-160k) full range / T200x (20-200k) full range			
X/Y – axis drive	AI-driven wear and maintenance free linear motor – 90 m/min			
Z – axis drive	Ai-driven robust AC Motor (Leadscrew) – 60 m/min			

Eagle Models	ES-6-2228	ES-6-2528	ES-6-2532	ES-6-2643
Description	Special Application Drilling	X Special Application Drilling	XL Special Application Drilling	XXL Special Application Drilling
Spindles	T160 (20-160k) full range / T200x (20-200k) full range / T250 (20-250k) full range			
X/Y – axis drive	AI-driven wear and maintenance free linear motor – 90 m/min			
Z – axis drive	Ai-driven wear and maintenance free linear motor – 60 m/min			
Depth Control	High precision Depthcontrol by Contact Bit Detection (CBD)			

Common Specifications				
Basic Accuracy (Schmoll Standard Test)	X/Y Axis +/- 18 µm, Cpk > 1.67			
Panel Size	22.5”x 28.7” (572x730 mm)	24.9”x 28.7” (633x730 mm)	24.9”x32.1” (633x815 mm)	25.9”x43.0” (658x1092 mm)
	Other Panel Formats available on request			
Controller	S80 – Latest Technology High Performance Controller with Industry 4.0 connectivity			
Tooling System	Prism-Slot Tooling pin Ø 3 ~ 5mm with Online Accuracy Check (OAC)- Optional Vacuum Table			
Tool Cassette	JTC 6 x 50 tools / JTC 8 x 50 tools (optional 6 x 100 ringless UT)			
Contact Bit Detection (CBD)	Real time broken bit detection, Quick Drill Function, Z-stroke optimization			
Pressure Foot Choice	3 PPF (3 position pressure foot) with 2 mm, 3.6 mm or 8 mm – Easy clean function or PFIS			
Dimensions	4183x2000x1650 mm	4560x2000x1650 mm	4560x2200x1650 mm	4815x2620x1650 mm
Weight (net)	10,700 kg	11,200 kg	11,900 kg	13,600 kg

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