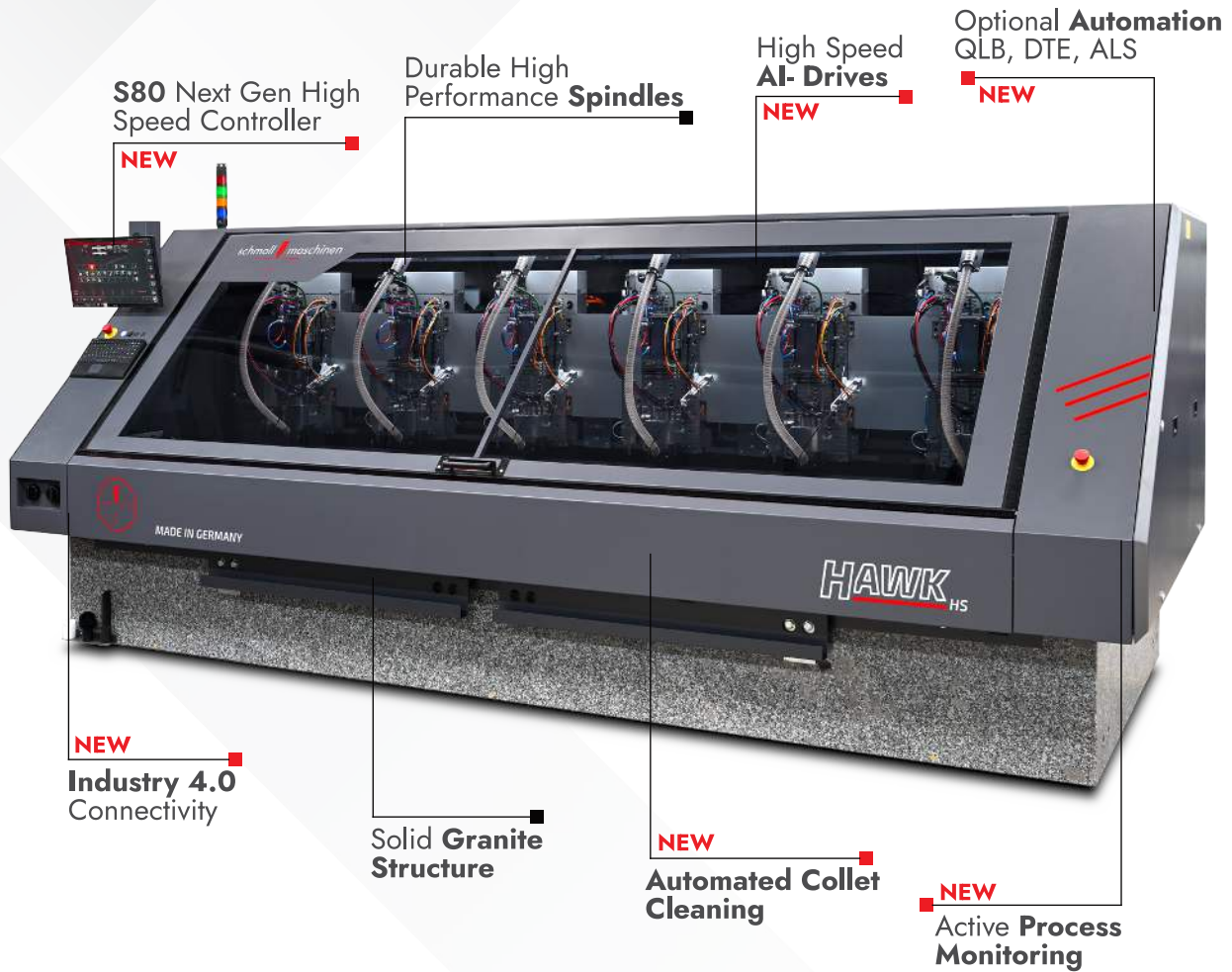


SUBSTRATE

MICRO LED

MICRO DRILLING



HAWK/EAGLE

Microdrilling/Depthcontrol



| 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" (574x730 mm) | 24.9" x 28.7" (633x730 mm) | 24.9" x 32.1" (633x815 mm) | 26.7" x 43.0" (678x1092 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 (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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