



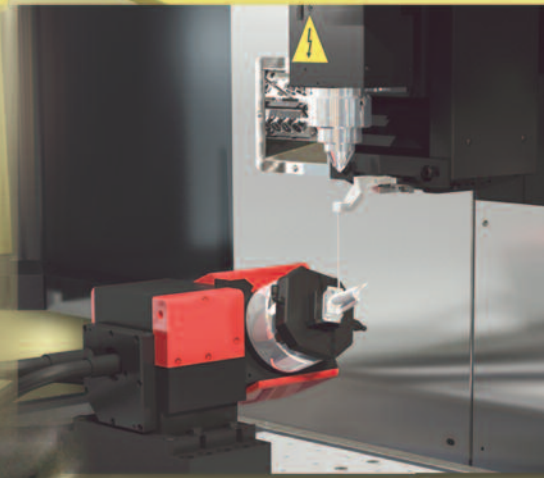
SX200aero

The wide open machine generation

Full open door access
to workpiece from 3 sides

Operator full safety access
protection

On-board adaptive machining
measurement and vision device



High-speed drilling
on hard alloys

High speed Micro EDM Drilling according
NADCAP machine calibration guidelines

SX200aero TECHNICAL SPECIFICATIONS

TRAVEL AXIS	X = 350, Y = 200, Z = 150, W = 400 mm
INDEXING AND TILTING	A = -15°/+115°, B = 360°
POSITIONING PRECISION	± 2.0 µm, Resolution = 0.1 µm
AXIS FEED RATE	X-Y-Z-W= 600 mm/min, A/B= 15°/sec
TABLE SIZE AND LOAD	L = 700, d = 300 mm load of ~50 kg A-B axis load of ~ 8 kg
DIMENSIONS	L = 1600, d = 2200, h = 2300 mm Weight = 1600 kg
POWER SUPPLY	230 V / 50 Hz Power 1 KVA
DIELECTRIC UNIT	Deionized water dielectric unit High filtering SX-DA HC of 115 liters
HIGH PRESSURE FLUSHING	70 bar through tube electrode
SARIX controller unit, SX-CU with "on board" 12 inch full touch screen SX-HMI	

SX200aero DRILLING PROCESS FEATURES AND OPTIONS

- High Power Pulse Shape generator, SX-HPS
- Electrode diameter range from 0.1 to 3.0 mm, length up to 600 mm
- Electrode automatic re-feeding and wear compensation rotating spindle, SX-A344L
- Multiple diameter automatic collet, SP-MDC
- Electrode changer through 8 electrode cartridge, SX-Revolver
- Drilling Calibration process for multiple hole size on the same work piece
- Breakthrough detection software, SX-BTD
- SX-CAM Aero for the creation of the 3D Shape / diffusor holes, integrated on the SX-3D µEDM Milling CAM software
- Work piece alignment probing
- **In process measuring and vision, SX-MVS**

Our specifications are subject to any change,
giving you a continuous technological benefit