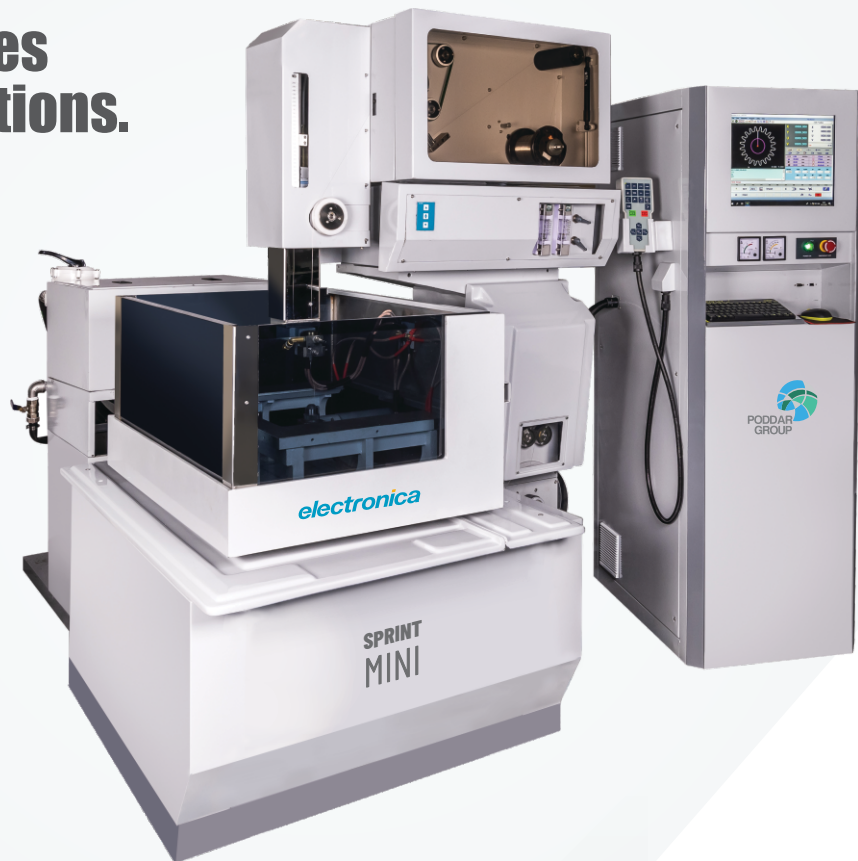


W-SERIES

CNC WIRECUT EDM

SPRINT MINI

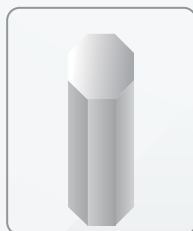
**Optimised features
versatile applications.**



Typical job samples

Octagon Machining

Material : HcHcr (Steel)
Height : 30 mm
Machining time : 45 min.
No. of cuts : 2 (1 Rough +1 Finish)
Surface finish : 1.1 to 1.2 μ Ra



Features

- Max. cutting speed : 140 mm²/min.
- Best surface finish : 0.9 μ Ra
- e Pulse technology
- Windows 10 O.S. Based CNC system
- Powerfull part programming Software "ELCAM"

Die & Punch

Material : HcHcr (Steel)
Die height : 20 mm
Machining time : 90 min.
Punch height : 50 mm
Machining time : 3 hrs. 30 min.
No. of cuts : 2 (1 Rough + 1 Trim)
Surface finish : 1.0 to 1.2 μ Ra



Advantages

- Integrated U, V axes
- Precision LM guide ways (X, Y, U, V)
- Program transfer through USB, ethernet
- Advance Slot and corner finding features
- Most compact footprint

- DC Stepper Motors (X, Y, U, V)
- Centralized Lubrication (Manual)
- Z Axis Motorised

- Complex programming (X, Y, U and V - simultaneous or independent)
- Mineral bed filter (optional)
- Chiller unit (optional)

Technical Specifications

Machine Tool	Sprint Mini
Main Axes Traverse (X, Y)	300 x 400 mm
Aux. Axes Traverse (u, v)	80 x 80 mm
Work Table Size (D x W)	440 x 650
Max. Taper Angle	± 30° /50 mm
Max. Work Piece Height	250 mm
Max. Work Piece Weight	300 kg
Resolution	0.0005 mm
Max. Wire Spool Capacity	6 kg
Wire Electrode Diameter	0.25 mm (standard) 0.15, 0.2 (optional)
Wire Spool Size	DIN 125, DIN 160, P-3-R, P-5-R
Pulse Generator	
CNC Controller	TRIO
Controlled Axes	X,Y,u,v simultaneous
Least Input Increment	0.001 mm
Least Command Input (X,Y,u,v)	0.0005 mm
Input power supply	3 phase AC 415 (±1%) 50 Hz (Alternate)
Average Power Consumption	9 KVA
Connected Load	6 KVA
Data Input / Output	Keyboard : Std. KBD Wireless, Optical Mouse, USB Port, Ethernet Port (LAN)
Dielectric Unit	
Dielectric Fluid	De-ionized water
Dielectric Tank Capacity	320 Liters
De-icon Capacity	16 Liters
Filtration System	Paper (MBF Optional)

*Alternate voltage rating available on request

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