

W- SERIES
CNC WIRECUT EDM
ECOCUT

Optimised features.
versatile applications.



Typical job samples

Stamping Die with 10 min. taper

Material : HcHcr (Steel)
Height : 20 mm
Wire : 0.25 mm Dia
Machining time : 10 hrs. 25 min.
No. of cuts : 2 (1 Rough + 1 Trim)
Surface finish : 1.12 μ Ra



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



Features

- Integral design with compact footprint
- Max. Cutting Speed : 70 mm²/min*
- Best surface finish : 1.2 μ Ra*
- Taper : $\pm 5^{\circ}/100$ mm
- ePulse technology
- Windows 10 based Operation System
- Upgraded TRIO Controller



CNC Pulse Generator ELWIN-15

- Upgraded TRIO controller
- Colour LCD display
- USB 2.0 for data transfer
- PreJOG function (for X, Y axes)
- 2D graphic simulation of wire path

elpulse Advantages

- Stable machining and better performance in difficult machining conditions such as
 - Flushing nozzle away from the workpiece
 - Stacked workpieces
- Minimum operator intervention

ELCAM

Powerful part programming software

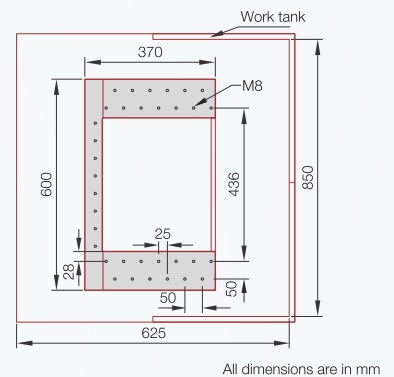
- Windows-based editor (more flexibility in operation)
- Automatic Start & End block generation at appropriate blocks in NC program
- Automatic tangential Entry & Exit

Technical Specifications

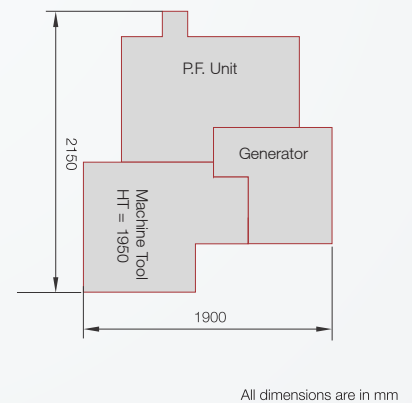
Machine Tool	Ecocut
Max. table size	370 x 600 mm
Max. workpiece height	200 mm
Max. workpiece weight	300 kg
Main table traverse (X, Y)	250, 350 mm
Auxiliary table traverse (u, v)	30, 30 mm
Max. taper cutting angle	± 5°/100 mm
Max. wire spool capacity	6 kg
Wire diameter	0.25 mm (standard) 0.2 mm (optional)
Generator	ELPULS - 15
Display	Colour LCD
Min. input command	0.001 mm
Interpolation function	Linear & Circular
Simultaneously controlled axes	X, Y, u, v
Min. resolution for X,Y,u, v	0.001 mm
Data Input / Output	➤ USB 2.0 ➤ Keyboard
Input power supply	3 phase, AC 415 V*, 50 Hz
Connected load	3 kVA
Average power consumption	1.3 to 2.3 kVA
Dielectric Unit	
Dielectric fluid	Deionised water
Tank capacity	140 Litres
Filter Type	Mineral Bed Filtration (MBF)
Optional Paper Filtration System	

* Alternate voltage ratings available on request

Work Table



Floor Plan



Electronica India Limited

An ISO 9001:2015 Certified Organisation

Registered Office:

- 4, Fairlie Place, Kolkata - 700001, (W.B), India
- +91 9073936555
- info@electronicagroup.com
- www.electronicagroup.com

Works:

- 608/609/1, Pune- Pandharpur Road, Saswad, Pune - 412301
- +91 2115 295800
- sales.support@electronicagroup.com
- CIN: U31908WB2013PLC193545