

## CNC EDM WIRE CUT MACHINE

### **CNC EDM WIRE CUT MACHINE**

#### **BASIC SPECIFICATIONS OF THE MACHINE**

Make & Origin	Any reputable make & origin
Controller	ACCUTEX or equivalent

<b>Description</b>	<b>Unit</b>	<b>Value</b>
Max. Work Piece Size	mm	990 x 560 x 265
Max. Work Piece Weight	kg	400
X / Y Stroke	mm	500 x 300
U / V Stroke	mm	100 x 100
Z Stroke	mm	300
Wire Spool Weight	kg	10
Water System Capacity	Liters	≥350
Super Fine Loop for Surface Finish	μm	0.15~0.2
<b>ACCURACIES</b>		
Position Accuracy X and Z Axis	mm	≤0.006
Repeatability	mm	≤0.002

#### **1. ESSENTIAL FEATURES IN MACHINE**

<b>Sr. No.</b>	<b>Description</b>	<b>Quantity</b>
i.	Auto Vertical Alignment Jig	01 No.
ii.	Paper Filters (Complete Installed Set)	01 Set
iii.	Ion Exchange Resin	10 Liters
iv.	Upper Lower Flushing Nozzle	01 Set
v.	Brass Wire Roll (Ø0.25mm x 5kg)	01 No.
vi.	Upper/Lower Diamond Guides (0.25mm)	01 Set
vii.	Energizing Carbides (Power Feed Contactor)	01 Set
viii.	Cooling System	01 No.
ix.	Auto Conductivity Control System	01 No.
x.	Auto Lubrication System	01 No.
xi.	Collision Protection on all Axis	
xii.	Waste Wire Excluding Device	
xiii.	Close Loop Positioning Control (Linear Scale)	01 No.
xiv.	AC for Electrical Cabinet	01 No.
xv.	Work Lamp	01 No.
xvi.	Water Chiller	01 No.
xvii.	Remote Control (MPG)	01 No.
xviii.	Fully Automatic Wire Threading	
xix.	Wire Tension Meter	
xx.	Wire Speed Meter	
xxi.	Supporting CAD/CAM Software	
xxii.	Clamping System	
xxiii.	Water System	
xxiv.	Complete Machine's Maintenance Tool Kit	01 Set
xxv.	Auto Voltage Regulator	01 No.

## CNC EDM WIRE CUT MACHINE

<b>2. SPARES PACKAGE</b>		
<b>Sr. No.</b>	<b>Description</b>	<b>Qty</b>
i.	Power Supply Module (AVR)	01 No.
ii.	Servo Drive PCB for 05 Axis	02 Sets
iii.	Set of all Types Fuses	10 Sets
iv.	Magnetic Contactors	04 Sets
v.	Set of all Types of Relays	05 Sets
vi.	Set of all Types of Light Switches	03 Sets
vii.	I/O Cards	01 Set
viii.	Lithium Batteries	02 Sets
ix.	Halogen Work Lamp	02 Sets
x.	Set of all Types of Belts	03 Sets
xi.	Set of all Types of Solenoid Valves with Coil	03 Sets
xii.	Filters	04 Nos.
xiii.	Push Button (Set of all Types)	04 Sets
xiv.	Set of all Types of Bearings	01 Set
xv.	Water Nozzles upper and lower	10 Sets
xvi.	Set of Linear Guides U, V-Axis (each)	01 Set
xvii.	Set of Linear Guides X, V-Axis (each)	01 Set
xviii.	Manual Pulse Generator (Remote)	01 No.
xix.	Spare Control Panel with TFT Screen Display	01 No.
xx.	Energizing Carbide Set (Upper/Lower)	10 Sets
xxi.	Set of Upper and Lower Wire Guides Ø0.25mm	02 Sets
xxii.	Set of Upper and Lower Wire Guides Ø0.15mm	02 Sets
xxiii.	Brass Wire Rolls Ø0.25mm ( $\geq 5$ Kg)	20 Nos.
xxiv.	Brass Wire Rolls Ø0.15mm ( $\geq 5$ Kg)	05 Nos.
xxv.	Water Filters	20 Nos.
xxvi.	Ion Exchange Resin	100 Liters
xxvii.	Wide Angle Taper Nozzles	04 Pcs
xxviii.	Clamping Vise for Holding Small Jobs	01 No.
xxix.	Supporting Bridge for Setting of Long Job	01 Set

<b>3. TECHNICAL DOCUMENTS IN ENGLISH (02 Sets Hard Copies)</b>
<ul style="list-style-type: none"> <li>• Operation / Programming Manual of Controller</li> <li>• Maintenance / Parameters Manual of Controller</li> <li>• Operational Manual of Machine</li> <li>• Maintenance manual of machine including part list along with the specifications, exploded assembly drawings with components details and complete electrical diagram</li> </ul>

<b>4. PRE-SHIPMENT INSPECTION/TRAINING AT MANUFACTURERS PLACE</b>
<ul style="list-style-type: none"> <li>• Free of cost pre-shipment inspection/training of One (01) week, for 02 of our Engineers at manufacturer's premises.</li> </ul>