

MOLYBDENUM-WIRE EDM

Sr#	Description	Qty
1	<p><u>MOLYBDENUM-WIRE EDM</u></p> <p><u>Technical Specifications:</u></p> <p><u>Table Travel</u></p> <ul style="list-style-type: none"> • Min. Table travel (X x Y): 400 x 320 mm • Min. Work-piece Thickness: 300 mm • Min. Work-piece Weight: 600 kg • Min. In Control Pace (X, Y): 0.001 mm <p><u>Taper and Z-axis</u></p> <ul style="list-style-type: none"> • Min. Z-axis Vertical Stroke: 250 mm • Min. Taper Cutting: $\pm 6^\circ/80$ mm • Min. UxV Travel: $\pm 30 \times \pm 30$ mm • Min. In Control Pace (U, V): 0.001 mm <p><u>Drive Control</u></p> <ul style="list-style-type: none"> • Motor Type: X,Y,U,V Servo motor • Z-Axis Drive: Motorized • Loop Control: Yes with Non Resistance High Frequency Power with SINO DRO • Aluminum/Brass Cutting Kit: Yes • Wire Alignment: Automatic through device or Manual • Axis Controlled: 4 axis Simultaneous <p><u>Processing Index</u></p> <ul style="list-style-type: none"> • Machining Precision: ≤ 0.01 mm • Multi-Cut Operation: Yes • Surface Roughness (mm): One Time $Ra \leq 2.3$, Three Times $Ra \leq 1.0$, Five Times $Ra \leq 0.8$ <p><u>Wire Cylinder</u></p> <ul style="list-style-type: none"> • Min. Trip Wire Cylinder: 200 mm • Diameter of Molybdenum: $\phi.10 - \phi 0.25$ mm • Working Liquid Box • Work Liquid: Compatible • Liquid Tank: Suitable • Filtering Mode: Compatible <p><u>Controller</u></p> <ul style="list-style-type: none"> • Industrial Computer: Separate Control System with Remote Controller • Software: Advanced CAD/CAM software with File transfer and translation capabilities • Programming: CNC programming by CAM software and also with MDI operation • Coordinate System: Function of Auto Edge & Center (Both Outer and Inner) finding and also store its values in position coordinate system for operation • Power Supply: Pakistan Standard <p><u>Documents</u></p> <ul style="list-style-type: none"> • Operation Manual for complete 2D and 3D operation • Maintenance Manual, both mechanical and electrical <p><u>Cutting Parameters:</u> Detailed parameter for Multi-cut operation of</p>	One System

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	<p>all possible work-piece materials</p> <p><u>Protective Cover:</u> Standard and decent/smart look</p> <p><u>Spares:</u> all necessary and recommended spares including filters and working liquid must be offered. List of spare parts offered must be provided</p> <p><u>Warranty:</u> Minimum one year complete machine warranty required</p> <p><u>Maintenance:</u> the manufacturer must confirm availability of spares for up to ten years.</p>	
<p><u>Notes:</u></p> <p>a. The supplier must provide detailed technical literature as well as pictures of the actual machine offered.</p> <p>b. Free of cost pre-shipment inspection and training for two engineers of the client is required at manufacturer's premises. Boarding, lodging and air ticketing will be on buyer's account.</p>		