

PLASMA CUTTER WITH CNC CUTTING TABLE

Sr#	Description	Qty
1	<p><u>Plasma Cutter with CNC Cutting Table</u></p> <p><u>Machine Technical Specifications:</u></p> <ul style="list-style-type: none"> • Cutting Material: Mild steel (MS), Stainless Steel (SS), Aluminum (Al) • Dross Free Cutting Capacity: Mild Steel \approx 25mm • Cutting Table Dimensions: 3000mm x 1500mm (Manage 2440mm x 1220 mm Mild Steel Plate) • CNC Motors: Synchronized Servo Motors (Mitsubishi or better) on X, Y Axis • CNC Control Unit: Micro Edge Windows based CNC Unit with 15inch Touch Display (American or European Standard) • CNC Software: Auto Pro Nest Cutting Software with true hole technology or better • Height Control Unit: Automatic Arc Sensor Height Control Unit • (Z Axis \approx 250mm, Motion speed \approx 5m/min) • Plasma Unit: Hypertherm True Hole Technology (200A \sim 250 A) system or better • Drilling Head Capacity: Mild Steel Plate (Drill Size \approx Ø12 mm, depth 30mm) • Movement System: Heavy Duty Linear Rail and Rack Rail • Positioning Accuracy: \pm 0.01 mm on both X and Y axis. • Bevel Cutting: \approx 45° • Electricity: 380V to 440V \pm 10V , AC Supply , 50Hz <p><u>Machine General Specifications:</u></p> <ul style="list-style-type: none"> • Plasma Cutting Table: <ul style="list-style-type: none"> ◦ Anti-vibration & Sag free reinforced structure with approx. 1 ton load bearing capacity ◦ Dross Collection System ◦ Changeable Working Grill (Min. Qty: 2) ◦ Fume Extraction System • Gas Console System: <ul style="list-style-type: none"> ◦ Automatic Gas Console system for supplying correct ratio of gas mixture to plasma cutter • Plasma Cutting Torch Head with Drilling Head: <ul style="list-style-type: none"> ◦ Auto Ignition Torch System ◦ Torch Collision Protection ◦ Marking and Cutting done with same torch ◦ Drilling head must be provided for plasma cutting of piercing jobs <p><u>Machine Optional Accessories:</u></p> <ul style="list-style-type: none"> • Oxy-fuel Torch Head with cutting table for cutting mild steel up to 50mm • Wireless Networking with Control System <p><u>Spares:</u></p>	One Set

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<p>Electrical/Mechanical/Electronics spares parts for 05 years trouble free operation. Maximum spare parts must be offered including circuit breakers/fusing, Servo motors, Plasma cutter consumables, Plasma Torch consumables, AC motors, rapid wearing parts as per actual installation on the machine etc. (Cost of each part must be quoted separately)</p> <p><u>Pre-Dispatch Inspection and Training</u></p> <ul style="list-style-type: none">• In case of order, the machine will be inspected before dispatch at the premises of the manufacturer. All parameters/accessories/features/functions of the machine will be checked in detail during inspection. It will be the responsibility of the manufacturer to assist in every aspect to facilitate the inspection of machine. The machine will be rejected if not found conformed to contract clauses without any liability at the buyer side.• The Manufacturer will provide comprehensive training to two engineers of the buyer at the manufacturer premises for operation, maintenance (electromechanical) and setup for a period of seven working days free of cost. However buyer will arrange boarding, lodging and air ticketing. <p><u>Manuals and Documents:</u></p> <ul style="list-style-type: none">• All manuals and documents must be in English Language.• Machine parts assembly drawings and technical details, Machine operating manuals and machine maintenance manuals (hard & soft copies) should be provided at the time of supply of the machine.• Details of complete spare parts list including bought out items, if any, with full specifications, including make, size, description/source of supply, quantity required etc., should be given in the manuals. <p><u>Make:</u></p> <ul style="list-style-type: none">• Only Turkish and European made machines are acceptable• Country of origin of the machine must be clearly mentioned on the quotation. <p><u>Packing of Machine:</u> Sea worthy packing as per international standards</p> <p><u>Dispatch of Machine:</u> The supplier shall dispatch the machine duly packed as required. Any transit damage is to be replaced by the supplier free of cost.</p>	
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