



Leading Indian exporter of **Welding Machine, Welding Electrodes, Welding Wires, Welding Cables and Welding Accessories**

RELON Brand Inverter Welding Machine > Plasma Cutter & Multi Function Inverter
RELON Brand PLASMA CUTTER (CUT) & MULTI FUNCTION (TIG/MMA/CUT) INVERTERS

FEATURES: CUT40, CUT60, CUT100 & CUT160

- Optimized Layout Structure Design with High Inverter Frequency & High Duty Cycle; Substantial Energy Consumption Savings
Smaller, Lighter and Easy to carry on; Especially Adaptable to the Welding Application in the Field Operation
By comparison to the gas cutting machine, the plasma cutting is featured with the advantages of low-costs and quick cut ability
By comparison to the traditional cutter, it is featured with high-ignition rate, high arc voltage, energy concentration, strong cutting ability, quick cutting speed, slim cutting line with smooth cut surface and tiny deviation in shape; stable voltage in big cutting current; especially adaptable in cutting the thickness plate, its cutting speed is much quicker and as quick as 2 to 3 times of the traditional cutter speed
Capable of cutting the metal in any direction and shape
Digital Display; Cutting Current can be continuously adjusted with clear and accurate reading
Built-in over-heat, over-current, over-voltage and less voltage protection circuits, safe in operation
Adaptable to the welding application on the metal of carbon steels, stainless steels, alloy steels, aluminium, copper and so on

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Work: A/2, Shubh-Labh Estate, Maheshwari Mill Road, Tawdipura, Ahmedabad-380004, Gujarat, INDIA



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FEATURES: CT416

TIG, MMA and CUT Triple Function Integrated Machines

Electronic Switch Function, Simple Operation, Reliable & Durable

Excellent TIG Arc Ignition Rate, Stable Welding Current with a Concentration Arc; Capable of welding different kinds of metals

Excellent MMA Arc Ignition Rate, Stable Welding Current

Plasma Cutting, Simple & Convenient; Adaptable to cut different kinds of thick or thin metal plates

Small, light and convenient to assemble and carry on Excellent Circuit Design, Concise Structure; Precise & Dainty Technology with Safe & Reliable Function



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PARAMETERS	CUT40	CUT60	CUT100	CUT160	CT416		
					TIG	MMA	CUT
Input Voltage (V)	AC220V±15% (1 Phase), 50/60Hz	AC380V±15% (3 Phases), 50/60Hz	AC380V±15% (3 Phases), 50/60Hz	AC380V±15% (3 Phases), 50/60Hz	AC220V±15% (1 Phase), 50/60Hz		
Rated Input Current (A)	30	12	23.1	44.3	20.4	32.8	29.9
No-Load Voltage (V)	253	240	290	320	55	55	260
Output Current Range (A)	15~40	20~60	20~100	20~160	10~160	10~160	15~40
Rated Output Voltage (V)	96	104	120	144	16.4	26.4	96
Duty Cycle (%)	60	60	60	60	60	60	60
Arc Ignition	Contact	Contact	Transfer	Transfer	HF	Contact	HF
Compressed Air Pressure (Kg)	4~5	4~5	4~5	4~6	--	--	--
Cutting Thickness (mm)	0.3~16	1~25	1~40	1~60	--	--	1~12
No-Load Loss (W)	40	60	80	80	40		
Efficiency (%)	80	85	80	85	80		
Power Factor	0.73	0.93	0.93	0.93	0.73		
Insulation Class	F	F	F	F	F		
Protection Class	IP21	IP21	IP21	IP21	IP21		
Weight (kg)	9	19	36.5	60	14		
Dimensions (mm)	395x153x301	505x203x375	560x370x350	670x337x510	456x204x360		

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