



# Met Weld

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

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

### FEATURES

Easy to cut thick metals in a fast and economical way

Suitable for cutting stainless steel, copper, carbon steel and aluminum and other metals

Able to cut carbon steel, stainless steel, galvanized steel, copper and aluminum and other metals

Double valve control for gas, easy arc starting option

Easy to operate, smooth cutting performance

HF non-touch arc-starting function available for CUT70C and CUT100C upon request

Output current is stable due to feed-back circuit controlled by our advanced IGBT technology

High or low voltage fluctuations, overheating and low air pressure are controlled by built-in Protections

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



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PARAMETERS	CUT40	CUT70	CUT100	CUT160	CT416		
					TIG	MMA	CUT
Input Voltage (V)	AC230V±15% (1 phase), 50/60Hz	AC400V±15% (3 phases), 50/60Hz	AC400V±15% (3 phases), 50/60Hz	AC400V±15% (3 phases), 50/60Hz	AC230V±15% (1 phase), 50/60Hz		
Rated Input Power Capacity (KVA)	5.6	11	19.6	29	6		
Rated Input Current (A)	24.3	15.9	28.3	41.9	15	22	27.3
No-Load Voltage (V)	220	240	350	400	62	62	250
Output Current Range (A)	20~40	20~60	20~100	30~160	160	150	40
Rated Output Voltage (V)	88~96	108	120	144	16.5	26	96
Duty Cycle 100% (25°C)	31A	45A	100A	120A	120A	110A	25A
Duty Cycle I <sub>max</sub>	60%	60%	100%	60%	60%		
Efficiency%	85	85	88	88	85		
Power Factor	0.8	0.93	0.80	0.80	0.93		
Compressed Air Pressure (MPa)	0.4~0.6	0.4~0.6	0.4~0.6	0.4~0.6	--	--	0.4
Gas Flow (m <sup>3</sup> /min)	0.17	0.25	0.16	0.2	2-5 l/min	--	80 l/min
Arc Starting	Touch	Non-Touch	LF/HF	LF/HF	HF vibration	Touch	HF vibration
Cutting Thickness (mm)	≤12	≤25	≤55	≤60	--	--	≤12
Insulation Class	B	B	F	F	B		
Protection Class	IP23	IP23	IP21S	IP21S	IP23		
Dimensions (mm)	371x155x295	540x215x360	610x325x575	610x325x575	425x205x355		
Weight (kg)	8.6	25	32	46	13		

**WEBSITE URL:** [http://metweld.in/Jasic\\_Plasma\\_Cutter\\_&\\_Multi\\_Function\\_Inverter.html](http://metweld.in/Jasic_Plasma_Cutter_&_Multi_Function_Inverter.html)

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