



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

## JASIC Brand Inverter Welding Machine > MMAW Inverter Welder JASIC Brand MMA (IGBT / MOSFET) INVERTER WELDER

### FEATURES: ARC200 & ARC250

100kHz [MOSFET and IGBT](#) Inverter technology

Compact size, lightweight, High quality and power saving design

Smooth and stable welding performance

Easy arc-starting

### FEATURES: ARC400, ARC500 & ARC630

Our Advanced SCM control technology reliably guarantees welding seams of good quality

Various operation modes and excellent design (internal and external) exceeds welding demands

Widely used in acid, alkaline & [electrode](#) welding

Easy arc starting, stable current, minimal spatter and good shaping

Adjustable thermal arc starting function enhances the arc starting performance of the inverter

Our Self-adaptive arc force technology greatly enhances the performance of the inverter for long-cable welding

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

# YOGI TECHNO WELD

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PARAMETERS	ARC200	ARC250	ARC400	ARC500	ARC630
Input Voltage (V)	AC230±15% (single phase), 50/60Hz	AC400V±15% (3 phases), 50/60Hz	AC400V±15% (3 phases), 50/60Hz	AC400V±15% (3 phases), 50/60Hz	AC400V±15% (3 phases), 50/60Hz
Rated Input Power Capacity (KVA)	5.3	9.2	18	25	35
Rated Input Current (A)	23	14.0	26.3	35.0	50.6
Output Current Range (A)	20~160	10~250	20~400	30~500	25~630
ARC Force Current Range (A)		0~140	0~200	0~250	20~200
Rated Output Voltage (V)	26.2	30	36	40	44
Duty Cycle I <sub>max</sub>	60%	60%	60%	60%	60%
Duty Cycle 100%	120A (25°C)	160A (40°C)	310A (40°C)	380A (40°C)	480A (40°C)
No-Load Voltage (V)	56	65	68	82	80
Efficiency%	85	85	85	85	85
Power factor	0.93	0.96	0.93	0.93	0.93
Electrode Diameter, MMA (mm)	1.6~4.0	1.6~5.0	2.5~5.0	2.5~6.0	2.5~6.0
Electrode Diameter, Gouging (mm)	--	--	--	≤Φ8	≤Φ10
Insulation class	B	F	F	F	F
Protection class	IP23	IP21	IP21S	IP21S	IP21S
Dimensions (mm)	400×150×260	450×160×385	530×270×430	675×350×665	650×355×624
Weight (kg)	8	13.5	25	46	52

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