



**Shri Balaji Alloys
Corporation India**



250 Amp AC/DC

TIG Welder for Steel and Aluminum

PROPERTIES

The machine is a rugged, portable, and versatile dual-function (TIG and Stick) all-in-one welding machine. The unit can switch between AC or DC TIG welding, making it suitable for use with most ferrous and non-ferrous materials such as stainless steel, mild steel, brass, titanium, and aluminum. The pulse function of this aluminum welding machine combined with the HF start makes it the ideal choice for welders who want to perform high-quality TIG welding on very thin materials without distortion.

TECHNICAL DATA

Specification	Unit	250 Amp Ac/Dc
Input voltage, VAC	Volt	AC220±10%, 1-Ph, 50/60Hz
Rated input peak current,	A	30
Power capacity	Kva	6.5
Output current range (TIG)	A	5-250
Output current range (MMA)	A	10-250
Arc force current range	Amps	0-50
No load voltage with VRD	V	9
No load voltage without VRD	V	56
Duty Cycle	%	60
Efficiency	%	85
Power factor	cosθ	0.93
Dimensions (LxWxH)	mm	590x345x485
Weight (approx)	kg	32

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