

MIG-500C

EN SERIES

NGEN EMPOWERING FUTURE

MIG-500C EN

MIG/MMA Welding Machine
500A / 3 Phase



SPECIFICATION

Model	NGEN-MIG-500C (EN)
Rated Input Voltage	3 phase AC 380V ±10%, 50/60Hz
Rated Input Capacity (kVA)	25
Power Grid Capacity	≥31 kVA
Generator Capacity	≥48 kVA
Rated Load Duration (40°C)	500A at 100%
No-load Voltage (V)	80
Output Current Range (A)	50 to 500
Output Voltage Range (V)	12 to 48
Wire Diameter (mm)	1.0 to 1.6, solid and flux-cored
Efficiency	≥88%
Power Factor	≥0.92
Insulation Class	H
Enclosure Protection	IP23S
Weight (kg)	52
Packing Size (mm)	689 x 323 x 601.5
Applications	Low carbon steel, stainless steel, aluminium and its alloys, all positions

Product Features

- 500A at 100% duty cycle: continuous heavy duty output for structural and production welding.
- MIG and MMA: solid and flux-cored wire from 1.0 to 1.6mm, plus stick welding with acidic, alkaline, stainless and low-hydrogen electrodes.
- Fine waveform control: high speed ARM platform for low spatter and a clean weld seam.
- Arc control knob: set arc hardness to suit the joint and position.
- Digital wire feeding: fully digital wire feed control for stable feeding.
- Welding expert database: built-in synergic settings with unified adjustment for easier setup.



Designed in CANADA
Built to Last

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