

ACDC TIG-315

EN SERIES

EMPOWERING FUTURE

ACDC TIG-315 EN

AC/DC Pulse TIG Welding Machine
315A / 3 Phase 380V

WARRANTY



Product Features

• AC/DC TIG up to 315A: AC for aluminium and its alloys, DC for carbon and stainless steel.
• Pulse TIG: 0.1 to 20Hz pulse with 10% to 90% duty for heat control on thin material.
• AC control: AC frequency from 20 to 200Hz and 20% to 70% cleaning balance.
• Full TIG sequence: pre-flow, upslope, starting, base, crater current, downslope and post-flow all adjustable.
• 2T/4T and spot welding: spot welding time from 0 to 10 seconds for tack work.
• MMA with arc force and hot start: both adjustable from 0 to 100A.

SPECIFICATION

Model	NGEN-ACDC TIG-315 (EN)
Input Power Supply	AC380V ±10%, 50/60Hz
Input Current (A)	MMA 19.7 / TIG 13.6
Max Power Consumption (kVA)	MMA 13 / TIG 9.1
Welding Current / Duty Cycle	MMA 315A/40%, TIG 315A/60%
No-load Voltage (V)	86
Welding Current (A)	MMA 20 to 315 / TIG 5 to 315
Arc Force (A)	0 to 100
Hot Start (A)	0 to 100
Pre-flow Gas (s)	0 to 15
Post-flow Gas (s)	0 to 60
Upslope Time (s)	0 to 10
Downslope Time (s)	0 to 10
Starting Current (A)	5 to 315
Base Current (A)	5 to 315
Crater Current (A)	5 to 315
Pulse Frequency (Hz)	0.1 to 20
Pulse Duty Cycle	10% to 90%
AC Frequency (Hz)	20 to 200
Cleaning Balance	20% to 70%
Spot Welding Time (s)	0 to 10
Torch	WP26, 4m, HF start, 10 to 20 l/min gas
Protection Class	IP21S
Dimensions (mm)	670 x 260 x 540
Weight (kg)	33

Designed in CANADA
Built to Last

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