

TIG-315/400/500/630/400B/400II

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DC/CC 3 Phase industrial



Process: MMA /DC TIG /Arc-air gouging ($\geq 500A$)

Features and benefits:

- Soft switch technology, high efficiency.
- Small size, light weight. High duty cycle.
- 2 cycle / 4cycle operating modes provided.
- Digital display for accurate parameter preset.
- Adjustable current descending time and the current of stopping arc improve the welding performance.
- Stable arc, beautiful bead and easy operation.
- Wire /Wireless remote control. (Optional) .
- TIG- II Type machine can perform downhill welding function for cellulose electrode, especially suitable for pipeline industry, and suitable to use with engines, and other site field usages.
- TIG-B Type machine has wider welding current range (5-400A), 40% duty cycle, not suitable for long cables. It is more compact, only 26kg.



Standard equipments:

- 1 Power source
- 1 Connected primary cable L=3m
- 1 Welding cable L=3m with electrode holder and quick plug
- 1 Ground cable L=3m with clamp and quick plug
- 1 TIG torch

Recommended areas of use:

- Shipbuilding and offshore engineering
- Maintenance and repair
- Industry plant construction
- Pipeline industry

Recommended base metals:

- Carbon steel
- Stainless steel
- Alloy steel

Power source technical data:



Model	TIG315	TIG400	TIG500	TIG630	TIG400B	TIG400 II
Rated input voltage (V)	Three phase 380±10% / 50Hz					
Rated input power (KVA)	13.8	18.4	25	35	18.4	18.4
Rated input current (A)	21	28	38	52	28	28
Rated output voltage (V)	32.6	36	40	44	36	36
Open-load voltage (V)	79	79	86	87	79	79
Range of welding current (A)	20-315	20-400	20-500	50-630	5-400	20-400
Rated duty cycle (%)	60					
Weight (kg)	43	43	50	58	26	43
Dimension (mm ³)	576×297× 557	576×297× 557	636×322 ×582	686×322 ×584	501×232 ×495	576×297 ×557