

# TIG-400 /400II /500 /630 /1000 /1250

GTAW Welding Power Source 



## Quick Specs


### Personal User Applications

Bicycle, fitness equipment, stainless furniture  
 Industry plant construction  
 Containers manufacture  
 Maintenance and repair  
 Pipeline industry  
 Shipbuilding

### Process

Process: DC TIG (GTAW) /Stick (SMAW) /Gouging ( $\geq 500A$ )

Output 

Input 

TIG series is analog DC TIG models with soft switch inverter technology, specially designed for harsh industrial environment. Friendly user operation interface and stable ARC for manual welding. TIG series provides high performance DC TIG and stick welding for alloy fabrication, pipe welding and workshop maintenance. TIG400II is also suitable for great cellulose electrode welding application. For high current model ( $>500A$ ), 100% duty cycle and can perform Carbon Arc Gouging feature.



TIG-315 /400 /500 /630 /1000 /1250

### Features and benefits

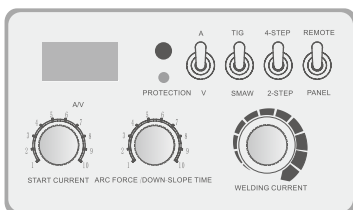
- Adjustable ARC FORCE and hot start, down slope time
- Work with generator (optional)
- Wire /wireless remote control
- HF /scratch TIG with 100% ignition success rate
- Digital display
- 2 step /4 step
- TIG400II perform great cellulose electrode welding



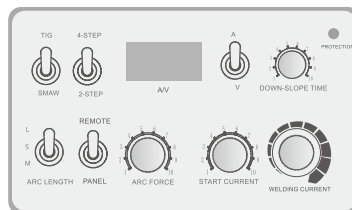
TIG400II

### Standard equipments

- 1 Power source
- 1 Connected primary cable L=3m
- 1 Welding cable L=3m
- 1 Ground cable L=3m
- 1 TIG torch



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TIG400II



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## Technical Specification

	TIG400	TIG400II	TIG500	TIG630	TIG1000	TIG1250
Rated input voltage/frequency (Hz)	3 phase, 380V±10%, 50 /60Hz					
Rated input capacity (KVA)	18.7	18.7	24.6	34.2	54.6	66.5
Rated input current (A)	28.4	28.4	37.4	52	83	101
Duty cycle (40°C)	60%@400A	60%@400A	60%@500A	100%@630A	100%@1000A	100%@1250A
OCV (V)	71	85	84	95	83	95
Output current (A)	20-400	20-400	20-500	50-630	60-1000	60-1250
Arc ignition method		HF /Contact				
Trigger mode	2/4T					
Efficiency	89%					
Protection class	IP23S			IP21S		
Insulation class	H					
Dimension (mm)	655*324*546	576*297*557	655*324*546	686*322*584	767*352*757	767*352*802
Weight (kg /lb)	43 /95	43 /95	50 /110.4	58 /128.1	95 /209.8	100 /220.9



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