

# MACH-TIG

## DTi 200 single phase

Advanced Inverter DC TIG/MMA Welder

- Reliable inverter welder for full function DC TIG and stick Electrode Welding.
- Outstanding arc characteristics with excellent arc stability delivers quality weld.
- Instantaneous, sure arc starts by unique high frequency generator.
- Crater fill schedule to prevent fusion and cracking at the end of the weld.
- Gas post flow protects tungsten electrode tip and after-weld shielding.
- Integrated digital current and functions display.
- Direct Tig Torch connection - no extra hoses or adaptors.
- Compact design with sturdy sheet housing and protected edges by tough poly material frame.
- Energy saving, low power consumption.

Model	DTi 200
Input Voltage	1 Phase 230V +/- 10%
Rated Input	7KVA
Output Current	TIG 10 ~ 200A
Output Current	MMA 20 ~ 160A
Rated Output Voltage	TIG 18V
Rated Output Voltage	MMA 28V
Max No-Load Voltage	56V
Rated Duty Cycle	35%
Gas Pre-Flow Time	0.3 seconds
Gas Post-Flow Time	1 ~ 10 seconds
Dimensions	385 x 170 x 300 mm
Weight	9 Kg



# DIGI-TIG

## DTi 250/300/400

IGBT Inverter Controlled DC Pulsed TIG / MMA Welder

Full digital microprocessor controlled.

With touch pad panel programmable.

Easy process selection and precise output control.

- Unsurpassed welding characteristics and superb performance.
- Digital display of parameters.
- Simple operation with one knob adjustment.
- Consistent arc initiation and extremely stable DC arc over the entire current range provide good weld penetration and uniform bead width.
- Fully adjustable pulse parameters.
- Memory of storing up to 10 programs.
- Energy saving, low power consumption.



Model	DTi 250	DTi 300	DTi 400
Input Voltage		3 Phase 415V +/- 10%	
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Rated Input	6.6 KVA	10.5 KVA	16 KVA
Output Current	10 ~ 250A	10 ~ 300A	10 ~ 400A
Rated Duty Cycle	60%	60%	60%
No-Load Voltage (DC)	68	69	69
Pulse Width	20 ~ 80%	20 ~ 80%	20 ~ 80%
Pulse Frequency	0.1 ~ 500 Hz	0.1 ~ 500 Hz	0.1 ~ 500 Hz
Up Slope Time	0.1 ~ 5 Sec.	0.1 ~ 5 Sec.	0.1 ~ 5 Sec.
Down Slope Time	0.1 ~ 10 Sec.	0.1 ~ 10 Sec.	0.1 ~ 10 Sec.
Gas Post-Flow Time	1 ~ 25 Sec.	1 ~ 25 Sec.	1 ~ 25 Sec.
Dimensions	565 x 245 x 420 mm	565 x 245 x 420 mm	565 x 245 x 420 mm
Weight	25 Kg	28 Kg	32 Kg