

Tetrix 451 DC Comfort 2.0 puls

090-000248-00502



WE ARE WELDING



- Water-cooled DC TIG inverter welding machine
- Comfort 2.0 control, simple operation with click wheel
- **TIG welding**
 - Features characteristics for EWM activArc and EWM spotArc at no extra charge
 - TIG welding with reproducible, electronic HF start
 - TIG lift arc welding without HF
 - TIG average value pulsing: the preset welding current is maintained at all times, so particularly suitable for welding as per welding procedure specification
 - TIG automated pulsing with automatic specification of required pulse parameters
 - Pulsed TIG welding in Hz and kHz range up to 15 kHz
 - 8 programmed JOBs (welding tasks)
 - Non-latched/latched operation
 - Reduced secondary current accessible using torch trigger
 - Spot welding/tack function (spotArc/spotmatic)
 - spotmatic and spotArc with direct access
 - Up-slope/down-slope adjustable
 - Spotmatic – halves time required for tacking
 - Adjustable gas pre-flows/post-flows
- **MMA-Welding/gouging**
 - MMA/gouging, automated pulsing with automatic specification of required pulse parameters
 - Ideal for root welding
 - 8 programmed JOBs (welding tasks)
 - Safe, reliable vertical-up and vertical-down welding
 - Adjustable hot start current and hot start time
 - Adjustable Arcforce
 - Antistick function
- **Highlights**
 - Excellent torch cooling, resulting in cost savings on consumables due to high-performance centrifugal pump and 12-litre water tank
 - Energy-saving thanks to high efficiency and standby function
 - Connection capability for remote control and function torch
 - Crane-liftable casing
 - Can be optionally connected to LAN or WiFi. Xnet-compatible
 - PC interface for PC300.Net software

	TIG	MMA
Setting range for welding current	5 A - 450 A	
Duty cycle at ambient t.e	40 °C	
80 %	450 A	
100 %	420 A	
Open circuit voltage	79 V	
Mains frequency	50 Hz / 60 Hz	
Mains fuses (slow-blow)	3 x 32 A	
Mains voltage (tolerances)	3 x 400 V (-25 % - +20 %)	
Max. connected load	16.3 kVA	22 kVA
Recommended generator power	22 kVA	29.7 kVA
cos φ	0.99	
Efficiency	90 %	
Dimensions machine, LxWxH in mm	1085 x 450 x 1003	

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