

MULTI 250K - Plus Concept

High Productivity Welding Solution MIG -TIG - MMA -
250 Amp DC Welder Synergic / Pulse / Double Pulse



KTRPM250K

Features

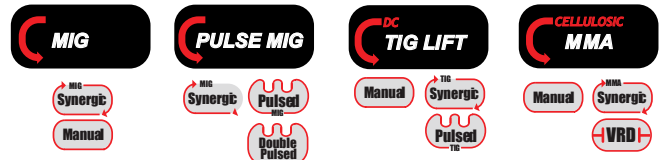
- New "Plus Concept" Technology
- Latest European IGBT Inverter Technology
- High Speed Synergic Pulse Mig
- Synergic Mig Double Pulse
- High Speed Mig/Mag
- DC Tig with Manual and Synergic Programs
- MMA with Manual and Synergic Programs
- VRD Safety (Voltage Reduction Device)
- 2/4T Trigger Functions • Up Slope - Down Slope
- Variable Start Current and Crater Current
- Simple selection of welding programs
- Simple interface for easy operation
- Accepts wide voltage supply variations (170-270V)

2 YEARS Warranty
(Power Source)



Technical Data

Power Supply / Phases	230v 1 Phase
Rated Power	9.1KVA
Welding Current - Mig	20A /14V - 250A /27.5V
Welding Current - MMA (A)	20A /21V - 220A /28.8
VWelding Current - Tig (A)	10A /10V - 250A /20.0V
Duty Cycle @ 40°C	40% @ 250 Amps 100% @ 160 Amps
No Load Voltage (V)	90V
Open Circuit Voltage (V)	VRD On - 15V, VRD Off - 65V
I Max	37.5 Amps
lieff	24.0 Amps
Tig Arc Ignition	Lift Arc
Water Cooling	Optional
Protection Class	IP21S
nsulation Class	H
Standards	ISO/IEC 60974-1
Size (mm)	340 x 400 x 620
Weight (kg)	24



The Ergonomic and Auto Learning System is used in the powerful front panel interface where welding mode selection, program selection, adjustments and special settings coexist in a rugged panel, whereby a simple touch the user can instantly see the results they have selected.

Overview

The MULTI-250K is the most powerful multifunction Single Phase System that state of the art technology can offer. An industrial machine with multiple welding functions including Pulse Mig, Double Pulse Mig, High Speed Mig, DC Tig, and DC MMA(Stick). User friendly programs with synergic function are provided for all the welding processes making it suitable for even the inex-perienced user. The Multi-250K encompasses all facets of the new PLUS CONCEPT technological development. PLUS CONCEPT is an innovative solution that is revolutionising the welding industry. Now, high efD ciency welding is possible with Gas Metal Arc Welding, Pulse Arc and standard applications. The forced dynamism of the PLUS CONCEPT achieves an ultra fast transfer droplet rate into the weld pool giving surprising results: it increase signiD cantly the welding speed (up to 45%) and, at the same time, it increases the penetration of the weld. Higher speed, better penetration and less spatter means less energy used during the deposit and reduced de-formation during the welding. Using the Double Pulse function provides the ability to produce welds with TIG like D nish with excellent control over the weld pool. The Multi-250K is a professional industrial machine that is lightweight and has available an optional trolley with gas bottle support, being 230v single phase gives great portability, it can be run from any 15 Amp power socket providing more D exible use for site and home workshop locations. Ideal for general engineers, boat building, sheet metal workshops, stainless steel fabricators, panel beaters, transport engineering and home workshops, Designed and built to meet with European norms conformity.

MACHINE PACKAGE: KTRPM250K

Standard option includes: Multi250, SB24-3M, Earth / Arc Lead 35mm x 4m, Argon Regulator, Gas Hose