

MULTI 500K - Plus Concept

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



KTRPM500SWF

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)

Technical Data

Power supply (-10% / +15%)	400V
Phases	3ph
Fuses	T32A
Rated Duty Cycle in 10 min	ED 60%
Rated secondary current	500A
Permanent Sec. Current 100%	380A
Rated power	26KVA
Permanent power 100%	17,5KVA
Overload protection	DIGITAL
TIG Regulation field	10A-500A
Regulation field	20A-500A
Range di regolazione MIG - MAG – MIG PULS	20A-500A
NO LOAD voltage (S) (K	90V
Max secondary current	640A
Short circuit limit	050A
Protection class	IP21S
Insulating class	H
Width - Height Length mm	340x600x620
Weight Kg	50

Overview

The MULTI-500WSWF is a complete and powerful multifunction DC inverter welding machine - 3 phase 500V. 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 inexperienced user. The MULTI-500WSWF encompasses all facets of the new PLUS CONCEPT technology development. PLUS CONCEPT is an innovative solution that is revolutionising the welding industry. Now high efficiency 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 rate into the weld pool giving surprising results. It increases 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 distortion during welding. Using the Double Pulse function provides the ability to produce welds with TIG like finish with excellent control over the weld pool. The MULTI-500KWSWF is a professional industrial machine that is supplied complete with water cooler for water cooled torch connection, trolley with gas bottle support, also with Push Pull Torch interface connection. Ideal for boat building, heavy fabrication and general engineering, sheet metal workshops, stainless steel fabricators, transport engineering, panel beaters, repair and maintenance workshops, Designed and built to meet with European norms conformity.

MACHINE PACKAGE: KTRPM500SWF

Standard option includes: Multi500,TWC5-12FTE, Earth / Arc Lead 50mm x 0m, 10M Interconnecting cables Argon Regulator, Gas Hose

2 YEARS Warranty
(Power Source)



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.