

PROCESS

- ▶ MIG SINGLE / DUAL PULSE
- ▶ MIG SYNERGIC / MANUAL
- ▶ MIG GAS / GASLESS
- ▶ DC TIF (LIFT ARC)
- ▶ STICK (MMA)

FEATURES

- 500A Output
- 5" Colour LCD Screen
- Water Coolers 7L
- 2T/4T/S4T/Spot Weld
- Suits D200 & D300 Spools
- 4 Roll Wire Drive System
- Weld Parameter Storage
- Separate Wire Feeder

Duty Cycle

60% @ 500a

Generator

32 Kva

Plate Thickness

Max. 30mm

Material

- Mild Steel
- Stainless Steel
- Brass / Copper
- Aluminium (MIG only)



SPECIFICATION

Primary Input Power	3 Phase 415V 50-60 HZ +/-15%		
Duty Cycle @ 40°C 10min	60% @ 500A 100% @ 410A		
	MIG	TIG	MMA
Effective Current (A)	31.6	26.6	32.8
Rated Input Current (A)	40.8	34.3	42.4
Rated Input Power (KW)	28.2	23.8	29.4
Welding Current Range (A)	20 – 500	10 – 500	10 – 500
Welding Voltage Range (V)	15 – 39	10.4 – 30	20.4 – 40
I Max (A)	40.5	33.0	41.5
I eff (A)	31.4	25.6	32.1
Wire Diameter Range	0.6 – 2.4mm		
Electrode Diameter Range	1.6 – 5mm		
Protection / Insulation Class	IP23S / S		
Power Factor / Efficiency	0.77 / 90%		
Thermal Overload	Yes		
Dimensions	H142 x L114 x W58 cm		
Weight	88 kg		
Warranty	5 Year		
Part Number	658503		



STANDARD PACKAGE INCLUSIONS

BT Weld PULSEMIG 500 SWF Inverter Welder 415V
BT Weld WF-P 4 Roll Wire Feeder
BT Weld PULSEMIG Interconnection Water Cooler Cables 10Mt
BT Weld Water Cooler 7L 3 Phase 415V
Original Binzel 501 MIG Torch 3Mt
Twist Lock Electrode Holder 4Mt
Earth Clamp 500Amp 4Mt
Argon Twin Gauge Regulator
Quick Connect Gas Hose 2Mt
Drive Roller 0.9/1.2mm V Groove (Fitted)
Drive Roller 1.2/1.6mm U Groove Spare 2pcs
Aluminium Upgrade Kit (1.0/1.2mm rollers/Teflon Liner 4Mt)
BT Weld Water Cooler Coolant Liquid 5L



UPGRADE OPTIONS & ACCESSORIES

AS Approved 30A 3 Phase plug	600610
BZ36 Digital Display Remote Control MIG Torch 3Mt	92.ST.36.3
BZ36 Digital Display Remote Control MIG Torch 4Mt	92.ST.36.4
SPX36 MIG Spool Gun 9 pin 4Mt	97.SPX36.4.9
SPX36 MIG Spool Gun 9 pin 8Mt	97.SPX36.8.9
BT Weld Push Pull Water Cooler Torch 8Mt	92.PPX.501.8
BT Weld Push Pull Water Cooler Torch 12Mt	92.PPX.501.12