

## PROCESS

- ▶ MIG SYNERGIC / MANUAL
- ▶ MIG GAS / GASLESS
- ▶ TIG LIFT DC
- ▶ STICK (MMA)

## Duty Cycle

40% @ 300A

## Generator

32 Kva

## Plate Thickness

Max. 30mm

## FEATURES

- 300A Output
- 5" Colour LCD Screen
- 2T/4T/Spot Weld
- Suits D200 & D300 Spools
- 4 Roll Wire Drive System
- Tool Storage
- 4-Wheel Trolley

## Material

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



### UPGRADE DIGITAL REMOTE CONTROL MIG TORCH



### UPGRADE ARGON REGULATOR DUAL STAGE



## SPECIFICATION

Primary Input Power	<b>1 Phase 240V 50-60 HZ +/-15%</b>		
Duty Cycle @ 40°C 10min	<b>40% @ 300A</b>	<b>40% @ 250A</b>	
	<b>60% @ 245A</b>	<b>60% @ 205A</b>	
	<b>100% @ 190A</b>	<b>100% @ 160A</b>	
	MIG	TIG	MMA
Effective Current (A)	42	33.2	35.1
Rated Input Current (A)	66.2	52.5	55.5
Rated Input Power (KW)	15.2	12	12.8
Welding Current Range (A)	30 – 300	10 – 300	10 – 250
Welding Voltage Range (V)	15.5 – 29.8	10.4 – 22	20.4 – 30
I Max (A)	66.0	52.5	55.5
I eff (A)	41.7	33.2	35.1
Wire Diameter Range	0.8 – 1.6mm		
Electrode Diameter Range	2.5 – 5mm		
Protection / Insulation Class	IP21S / S		
Power Factor / Efficiency	0.66 / 86.6%		
Thermal Overload	Yes		
Dimensions	L93 x W46 x H93 cm		
Weight	59kg		
Part Number	<b>659301</b>		

## STANDARD PACKAGE INCLUSIONS

BT FREEDOM 300 Compact Inverter Welder 240V	659301
BT Tool Storage	-
BT 4 Wheel Trolley	699577
Ergon BZ36 MIG Torch 4Mt	92.ER.36.4
Twist Lock Electrode Holder 3Mt	500044
Earth Clamp 300Amp 3Mt	500060
Twin Gauge Regulator	400209T
Gas Hose 2Mt	619000
Drive Roller 0.9/1.2mm V Groove (Fitted)	-
Drive Roller 1.2/1.6mm V Groove	-

## UPGRADE OPTIONS & ACCESSORIES

AS Approved 15A 240V HD plug	600607HD
BZ24 Digital Display Remote Control MIG Torch 3Mt	92.ST.24.3
BZ24 Digital Display Remote Control MIG Torch 4Mt	92.ST.24.4
SPX24 MIG Spool Gun 9 pin 4Mt	97.SPX24.4.9
SPX24 MIG Spool Gun 9 pin 8Mt	97.SPX24.8.9

EN 60974-1:2021 (LVD)  
EN 60974-10:2021 (EMC)  
2019/125/EC (EER)

