

## PROCESS

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

## FEATURES

- 315A Output
- 5" Colour LCD Screen
- 2T/4T/Spot Weld
- Suits D200 & D300 Spools
- 4 Roll Wire Drive System
- Separate Wire Feeder
- Tool Storage

## Duty Cycle

40% @ 315A

## Generator

20 Kva

## Plate Thickness

Max. 16mm

## Material

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



## SPECIFICATION

Primary Input Power	<b>3 Phase 415V 50-60 HZ +/-15%</b>		
	MIG	TIG	MMA
Duty Cycle @ 40°C 10min	<b>40% @ 315A</b> <b>60% @ 260A</b> <b>100% @ 200A</b>		<b>40% @ 250A</b> <b>60% @ 205A</b> <b>100% @ 160A</b>
Effective Current (A)	14.2	10.8	11.4
Rated Input Current (A)	22.5	17	18.0
Rated Input Power (KW)	15.5	11.7	12.6
Welding Current Range (A)	20 – 300	10 – 300	10 – 300
Welding Voltage Range (V)	15 – 26.5	10.4 – 22	20.4 – 32
I Max (A)	22.3	18.0	18.1
I eff (A)	14.1	11.4	11.4
Wire Diameter Range	0.6 – 1.6mm		
Electrode Diameter Range	1.6 – 5mm		
Protection / Insulation Class	IP21S / S		
Power Factor / Efficiency	0.66 / 85.8%		
Thermal Overload	Yes		
Dimensions / Weight	H140 x L94 x W46 cm		
Weight	64.5 kg		
Warranty	5 Year		
Part Number	<b>659343</b>		

## STANDARD PACKAGE INCLUSIONS

- BT Weld FREEDOM 340 Compact Inverter Welder 415V
- BT Weld WF-S 4 Roll Wire Feeder
- BT Weld FREEDOM Wire Feeder Bracket
- BT Weld FREEDOM Interconnection Cables 10Mt
- BT Weld Tool Storage
- Original Binzel 36 MIG Torch 4Mt
- Twist Lock Electrode Holder 4Mt
- Earth Clamp 300Amp 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 Knurkle Groove Spare



## UPGRADE OPTIONS & ACCESSORIES

AS Approved 10A 3 Phase plug	600608
AS Approved 20A 3 Phase plug (recommended)	600609
BZ24 Digital Display Remote Control MIG Torch 3Mt	92.ST.24.3
BZ24 Digital Display Remote Control MIG Torch 4Mt	92.ST.24.4
BZ36 Digital Display Remote Control MIG Torch 3Mt	92.ST.36.3
BZ36 Digital Display Remote Control MIG Torch 4Mt	92.ST.36.4
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)

