

## PROCESS

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

## Duty Cycle

40% @ 300A

## Generator

18 Kva

## Plate Thickness

Max. 14mm

## FEATURES

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

## Material

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



### UPGRADE DIGITAL REMOTE CONTROL MIG TORCH



### UPGRADE MIG SPOOL GUN



## 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      | 1.6 – 5mm                           |                    |           |
| Protection / Insulation Class | IP21S / S                           |                    |           |
| Power Factor / Efficiency     | 0.66 / 86.6%                        |                    |           |
| Thermal Overload              | Yes                                 |                    |           |
| Dimensions                    | H93 x L94 x W46 cm                  |                    |           |
| Weight                        | 51 kg                               |                    |           |
| Warranty                      | 5 Year                              |                    |           |
| Part Number                   | <b>659301</b>                       |                    |           |

## STANDARD PACKAGE INCLUSIONS

- BT Weld FREEDOM 300 Compact Inverter Welder 240V
- 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 0.8/0.9mm V Groove (Fitted)
- Drive Roller 0.8/0.9mm Knurkle Groove Spare



## 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   |
| 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)

