

## PROCESS

- ▶ TIG AC/DC PULSE HF
- ▶ DC TIF (LIFT ARC)
- ▶ STICK (MMA) AC/DC

## Duty Cycle

60% @ 320A

## Generator

20 Kva

## Plate Thickness

Max. 16mm

## Material

- Mild Steel
- Stainless Steel
- Brass / Copper
- Aluminium

## FEATURES

- 320A Output
- HF/LIFT TIG AC/DC Welder
- 5" Colour LCD Screen
- Adjustable Pulse
- AC/DC Waveforms
- 2T/4T Trigger Latching
- Weld Parameter Storage
- Foot Control Ready



### UPGRADE AS APPROVED 3 PHRASE PLUG



Note: Primary Plug not fitted. Plugs must be fitted by suitably qualified personnel

### UPGRADE FOOT CONTROLLERS



## SPECIFICATION

Primary Input Power	<b>3 Phase 415V 50-60 HZ +/-15%</b>			
Duty Cycle @ 40°C 10min	<b>60% @ 320A 100% @ 250A</b>			
	TIG		MMA	
	AC	DC	AC	DC
Effective Current (A)	14.2	14.9	18.5	19.6
Rated Input Current (A)	18.4	19.3	23.9	25.4
Rated Input Power (KW)	12.8	13.4	16.6	17.5
I Max (A)	18.6	17.4	24.6	23.2
I eff (A)	14.4	13.5	19.1	18.0
Tungsten Diameter Range	1.0 – 3.2mm			
Electrode Diameter Range	1.6 – 5.0mm			
Welding Current Range (A)	10 – 320			
Protection / Insulation Class	IP23S / S			
Power Factor / Efficiency	0.68 (TIG) 0.7 (MMA) / 90.3%			
Dimensions	H49 x L71 x W27 cm			
Weight	31.1 kg			
Warranty	5 Year			
Part Number	<b>652320</b>			

## STANDARD PACKAGE INCLUSIONS

- BT Weld Artisan 320 TIG Welder 415V
- 26 Series Current Control TIG Torch 4Mt
- Twist Lock Electrode Holder 4Mt
- Earth Clamp 300Amp 4Mt
- Argon Regulator with Flowmetre
- Quick Connect Gas Hose 2Mt

## UPGRADE OPTIONS & ACCESSORIES

AS Approved 10A 3 Phase plug	600608
AS Approved 20A 3 Phase plug (recommended)	600609
Universal Large Welders Trolley	600312
Foot Controller 3Mt Wireless	652223
Foot Controller 3Mt	652224
26F Series Air-Cooled TIG Torch with Current Control 4Mt	95.26F.4.1.CC12A
26F Series Air-Cooled TIG Torch with Current Control 8Mt	95.26F.8.1.CC12A
18F Series Water-Cooled TIG Torch with Current Control 4Mt	95.18F.4.1.CC12A
18F Series Water-Cooled TIG Torch with Current Control 8Mt	95.18F.8.1.CC12A
17/18/26 Series TIG Torch Spare Kit	95.TIGFEK

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



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## FEATURES

- 320A Output
- HF/LIFT TIG AC/DC Welder
- 5" Colour LCD Screen
- Adjustable Pulse
- AC/DC Waveforms
- 2T/4T Trigger Latching
- Water Cooler 4L
- 4-Wheel Trolley
- Foot Control Ready



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Tungsten Diameter Range	1.0 – 3.2mm			
Electrode Diameter Range	1.6 – 5.0mm			
Welding Current Range (A)	10 – 320			
Protection / Insulation Class	IP23S / S			
Power Factor / Efficiency	0.68 (TIG) 0.7 (MMA) / 90.3%			
Dimensions	H102 x L114 x W58 cm			
Weight	74.5 kg			
Warranty	5 Year			
Part Number	<b>652325</b>			

## STANDARD PACKAGE INCLUSIONS

- BT Weld Artisan 320 TIG Welder 415V
- BT Weld Water Cooler 7L 3 Phase 415V
- BT Weld TR4 Welder & Cylinder Trolley
- 18 Series Water-Cooled TIG Torch with Current Control 4Mt
- Twist Lock Electrode Holder 4Mt
- Earth Clamp 300Amp 4Mt
- Argon Regulator with Flowmetre
- Quick Connect Gas Hose 2Mt
- BT Weld Water Cooler Coolant Liquid 5L



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17/18/26 Series TIG Torch Spare Kit	95.TIGFEK