

PROCESS

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

Duty Cycle

60% @ 320A

Generator

32 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 PHASE PLUG



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

UPGRADE FOOT CONTROLLERS



SPECIFICATION

Primary Input Power	3 Phase 415V 50-60 HZ +/-15%			
Duty Cycle @ 40°C 10min	60% @ 320A 100% @ 250A			
	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	IP21S / S			
Power Factor / Efficiency	0.68 (TIG) 0.7 (MMA) / 90.3%			
Dimensions	L71 x W27 x H49 cm			
Weight	31.1 kg			
Warranty	3 Year			
Part Number	652320			

STANDARD PACKAGE INCLUSIONS

BT Artisan 320 TIG Welder 415V	652320
26 Series Current Control TIG Torch 4Mt	95.26F.4.1.CC12A
Twist Lock Electrode Holder 3Mt	500044
Earth Clamp 300Amp 3Mt	500060
Argon Regulator with Flowmetre	400209
Quick Connect Gas Hose 2Mt	619000

UPGRADE OPTIONS & ACCESSORIES

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
AS Approved 10A 3 Phase plug	600608
AS Approved 20A 3 Phase plug (recommended)	600609
AS Approved 30A 3 Phase plug	600610

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

