ARTISAN TIG 320 W

BT WELD

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
· Water Cooler 4L
· 4-Wheel Trolley
· Foot Control Ready

5 YEAR LIMITED WARRANTY

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	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	IP23S / S			
Power Factor / Effiency	0.68 (TIG) 0.7 (MMA) / 90.3%			
Dimensions	H102 x L114 x W58 cm			
Weight	74.5 kg			
Warranty	5 Year			
Part Number	**652325**			

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

CE CSA **PWM** **IGBT**

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

UPGRADE OPTIONS & ACCESSORIES

AS Approved 10A 3 Phrase plug	600608
AS Approved 20A 3 Phrase plug (recommended)	600609
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