



- TIG (HF or LIFT strike), TIG PULSE and MMA in AC/DC inverter welding machine, 180A. With TIG welding accessories.
- PULSE and EASY PULSE operation.
- THINSPOT advanced utility for easy, rapid and accurate TIG spot welding of thin sheet metal.
- VDR device for greater safety in welding operations in damp environments.
- Setup for remote controls.

TECHNICAL DATA

CODE	816824	MAX NO LOAD VOLTAGE IN DC	95 V	POWER FACTOR(cosphi) (cosphi)	0,7
SINGLEPHASE MAINS VOLTAGE	230 V	MAX ABSORBED CURRENT	33 A	D.USABLE ELECTRODES IN DC	1,6 - 4 mm
MAINS FREQUENCY	50 / 60 Hz	ABSORBED CURRENT AT 60%	21 A	INSULATION CLASS	F
CURRENT RANGE IN DC	5 - 180 A	MAX ABSORBED POWER	5,5 kW	PROTECTION DEGREE	IP23
MAX CURRENT DC EN60974-1	180 @ 20 % A	ABSORBED POWER AT 60%	3,3 kW	DIMENSIONS (LxWxH)	43 x 17 x 34 cm
CURRENT 35% DC	140 A	MAINS FUSE	16 A	WEIGHT	16,35 kg
DC CURRENT AT 60%	115 A	EFFICIENCY	81 %		

COMPOUND PRODUCTS

TIG WELDING KITS

804362 TIG WELDING KIT - ST17

OPTIONAL ACCESSORIES

EARTH CLAMPS WITH CABLE

804122 WORK CLAMP + CABLE 25MMQ 3M AX50

ELECTRODE HOLDERS WITH CABLE

804123 ELECTRODE HOLDER + CABLE 25MMQ 4M AX50

REMOTE CONTROLS

802336 RC-20 10 M CONTROL 2POT

802017 FOOT REMOTE CONTROL 14 POLES

GAS REGULATORS

722119 GAS REGULATOR 2 MANOMETERS 12 L\min

804208 QUICK GAS CONNECTOR

GASBOTTLE CONNECTION KIT

802067 INDUSTRIAL TYPE BOTTLE CONNECTION KIT

GAS BOTTLE ADAPTERS

432036 ARGON GAS BOTTLE IT ADAPTOR

432160 ARGON GAS BOTTLE DK-N-NL-S-SF ADAPTOR

432102 ARGON GAS BOTTLE GB-AU ADAPTOR

TIG CONSUMABLES BOXES

804138 CONSUMABLES BOX FOR TIG TORCH ST17-26

TIG TORCHES - PREMIUM

802810 REMOTE DEVICE

TIG CONSUMABLES

802220 KIT 10 CERIU-TUNGSTEN ELECTR. D.1 MM

802222 KIT 10 CERIU-TUNGSTEN ELECTR. D.1,6 MM

802232 KIT 10 CERIU-TUNGSTEN ELECTR. D.2,4 MM

802234 KIT 10 PURE TUNGSTEN ELECTR. D.1 MM

802235 KIT 10 PURE TUNGSTEN ELECTR. D.1,6 MM

802236 KIT 10 PURE TUNGSTEN ELECTR. D.2,4 MM

802249 ELECTRODE DIFFUSERS Ø 1 MM 3 PCS

802250 ELECTRODE DIFFUSERS Ø 1,6 MM 3 PCS

802251 ELECTRODE DIFFUSERS Ø 2,4 MM 3 PCS

802239 KIT 3 ELECTRODE HOLDER CLAMPS D.1,0 MM

802240 KIT 3 ELECTRODE HOLDER CLAMPS D.1,6 MM

802241 KIT 3 ELECTRODE HOLDER CLAMPS D.2,4 MM

802244 KIT 10 CERAMIC NOZZLES NR.4

802245 KIT 10 CERAMIC NOZZLES NR.6

802246 KIT 10 CERAMIC NOZZLES NR.7

802247 KIT 10 CERAMIC NOZZLES NR.8

802248 KIT 10 CERAMIC NOZZLES NR.10

SPECIAL TIG CONSUMABLES

804202 CRYSTAL CHAMPAGNE BOX D. 1,6 MM

804204 CRYSTAL CLEAR CUP - BOX D. 1,6 MM

MASKS

804082 JAGUAR

CLOTHING AND PROTECTIONS

802632 DAKOTA PROFESSIONAL TIG WELDING GLOVES

TIG RODS

804364 TIG RODS 308L 1.6X500 0.5kg

804365 TIG RODS 308L 2.0X500 0.5kg

804368 TIG RODS ALMG5 2.0X500 0.3kg

TROLLEYS AND ACCESSORIES

803059 TROLLEY - ARCTIC

803084 TROLLEY - AMERICA

803079 TROLLEY - COSMOPOLITAN

ACCESSORIES/VARIOUS/SPARE PART

801081 MMA WELDING KIT 300A 25 MMQ 4+3M AX50

DESCRIPTION

Microprocessor controlled, TIG (high frequency HF or LIFT striking), PULSE TIG and MMA inverter welding machine in direct current and alternating current (AC/DC).

Use with a wide range of materials such as steel, stainless steel, titanium, copper, nickel and their alloys, aluminium, magnesium and their alloys.

Features:

- pulse and EASY pulse operation
- adjustable pre-heating for simpler striking in AC
- TIG regulations: bi-level, start up/end current, spot welding time, pre/post gas, current up/down slope, balance DC AC, square wave frequency
- THINSPOT function for quick and precise tack welding
- MMA regulations: arc force and hot start
- anti-stick device
- VRD device
- remote control connector
- thermostatic, overvoltage, undervoltage, overcurrent protections.

Complete with TIG welding accessories.

DOWNLOAD



CATALOG IMAGE



INSTRUCTION MANUAL