FOCUS TIG 161 DC HP PFC

First-class mono-phase TIG DC and MMA inverter machine – designed for complex site welding assignments

The size of the Focus TIG 161 DC HP, its PFC function and HF (high frequency) ignition makes it ideal for site welding and workshop use.

- Handy and lightweight – only 9.2 kg
- Pulse function
- PFC (Power Factor Correction)
- HF (high frequency) or lift-TIG ignition

MIGATRONIC
WELDING VALUE

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FOCUS TIG 161 DC HP PFC
FIRST-CLASS MONO-PHASE TIG DC AND MMA INVERTER MACHINE

The Focus TIG 161 DC HP, a mono-phase (230 V) inverter-based welding machine, is ideal for site welding and workshop use because of its flexibility and portability.

It is the smallest Migatronic TIG welding machine with pulse function; the pulse function ensures better control of the weld pool, in particular when used for thin sheet welding and position welding.

Using HF (high frequency) ignition or lift-TIG ignition, the machine is applicable under all operating conditions.

The Focus TIG 161 DC HP is equipped with PFC (Power Factor Correction). PFC is an electronic circuit that ensures maximum utilisation of power and minimum power loss. It enables welding with approx. 25% higher welding current using only 16 A mains fuses.

New technology ensures a mains voltage tolerance from -40 to +10 %, which allows welding with long mains cables or with a generator as power source.

The machine is also suitable for MMA welding using all types of rutile and basic electrodes.

Focus TIG 161 DC HP comes with MIGA Super Blue tungsten electrodes. This electrode, featuring excellent ignition and reignition properties, is applicable for all types of material.

STANDARD EQUIPMENT

- 3 m earth cable
- Strong carrying strap
- 16 A Schuko plug

EXAMPLES OF OPTIONAL EQUIPMENT

- Electrode holder incl. 3 m cable
- Focus welding helmet (81910900)
- Protective frame (78866004)
- Robust trolley with cylinder holder (78857031)
- Current control unit for TIG torch

The Focus TIG 161 DC HP PFC control panel

The welding machine is ideal for all types of repairs

POWER SOURCE	FOCUS TIG 161 DC PFC
Current range, A	10-160
Mains voltage *), V +/- 10%	1x230
Fuse, A	16
Duty cycle 40°C/100% TIG, A/%/V	110/100/14.4
Duty cycle 40°C/60% TIG, A/%/V	130/60/15.2
Open circuit voltage, V	95
Protection class	23S
Norm	EN/IEC60974-1, EN/IEC60974-3, EN/IEC60974-10
Dimensions (HxWxL), mm	250x180x480
Weight, kg	9.2
*) The machine enables down to -40% by reducing the max. amperage.	

We reserve the right to make changes.

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