



# HELVI TP 195A MULTIFUNCTION WELDER 2.8 KVA

## Product description:

### HELVI TP 195A MULTIFUNCTION WELDER 2,8 KVA

HELVI TP 195A is a microprocessor controlled MIG/MAG, TIG and STICK multi-processed welding machine, which guarantees exceptional arc stability and splash-free welding. In stick position the microprocessor controls the Hotstart, Arc Force and anti-bonding functions, in TIG position the lift arc function and in MIG mode gives the possibility of manual welding and total synergy. HELVI TP 195A with motor ascent ramp adjustment, automatic wire coupling for soft arc initiation. Thanks to its simplicity and versatility, the HELVI TP 195A welding machine is ideal for use in bodywork, small carpentry and maintenance work. All the functions of the HELVI TP 195A welding machine are easily selectable on the front panel. The HELVI TP 195A welder has digital displays for displaying welding voltage and current and the various parameters selected. The HELVI TP 195A welding machine allows the use of 200 mm or 300 mm diameter wire coils and has an integrated cylinder support.

The HELVI TP 195A welding machine is designed for MIG/MAG, TIG and STICK welding with electrodes of diameter ranging from 1,6 mm to 3,25 mm in MMA and for wires of different material in MIG:

- in steel (diameter from 0,6 mm to 1 mm)
- stainless steel (diameter from 0,8 mm to 1 mm)
- animated (diameter from 0,8 mm to 1 mm)
- aluminium (diameter from 0,8 mm to 1 mm)
- brazing (diameter from 0,8 mm to 1 mm)

HELVI TP 195A is a single-phase welding machine with 230 V power supply and 50/60 Hz frequency. The HELVI TP 195A welder has a power rating of 60% of 2800 VA for a maximum current of 160 A in MMA and 170 A in TIG and MIG.

The no-load voltage of the HELVI TP 195A welder is 55 V in MMA and TIG and 27 V in MIG. The HELVI TP 195A welder has H insulation and IP22S protection rating.



HELVI TP 195A is very compact and comfortable to transport thanks to its wheels and comfortable handle despite its weight of about 33 Kg.

**Technical characteristics of the HELVI TP 195A welding machine:**

Phase type: Single-phase

Frequency: 50/60 Hz

Voltage: 230 V

Power: 2800 VA

Type of welding: Multiprocess

Open-circuit voltage: 55 V (MMA) / 55 V (TIG) / 27 V (MIG)

Current regulation: 5 - 160 A (MMA) / 5 - 170 A (TIG) / 25 - 170 A (MIG)

Duty cycle at 40°: 170 A at 25% - 110 A at 60% - 85 A at 100% (MMA) / 170 A at 25% - 110 A at 60% - 85 A at 100% (TIG) / 170 A at 25% - 110 A at 60% - 85 A at 100% (MIG)

Maximum current: 160 A (MMA) / 170 A (TIG) / 170 A (MIG)

Steel welding wire diameter: 0.6 - 1 mm (MIG)

Welding wire diameter stainless steel: 0.8 - 1 mm (MIG)

Flux cored welding wire diameter: 0.8 - 1 mm (MIG)

Aluminium welding wire diameter: 0.8 - 1 mm (MIG)

Brazing wire diameter: 0.8 - 1 mm

Electrode diameter: 1.6 - 3.25 mm (MMA)

Electrode type: 6013 - 7018 - CrNi

Insulation: H

Degree of protection: IP22S

Length: 770 mm

Width: 465 mm

Height: 660 mm

Weight: 33 Kg

If instead you are looking for another product similar to the HELVI TP 195A welding inverter, then we recommend you look at the entire range dedicated to welding machines.

Images and technical data are not binding.

**Product features:**

Phase: Single phase

Frequency (Hz): 50 / 60

Voltage (V): 230

Protection degree: IP22S

Power (VA): 2800

Motor insulation class: H



No-load voltage (V): 55 (MMA) / 55 (TIG) / 27 (MIG)

Regulation current (A): 5 - 160 (MMA) / 5 - 170 (TIG) / 25 - 170 (MIG)

Welding current (A): 170 at 25% - 110 at 60% - 85 at 100% (MMA) / 170 at 25% - 110 at 60% - 85 at 100% (TIG) / 170 at 25% - 110 at 60% - 85 at 100% (MIG)

Diameter electrodes (mm): 1.6 - 3.25 (MMA)

Ø steel welding wire (mm): 0.6 - 1

Ø inox welding wire (mm): 0.8 - 1

Ø aluminium welding wire (mm): 0.8 - 1

Ø flux cored welding wire (mm): 0.8 - 1

Ø brazing wire (mm): 0.8 - 1

Type of welding: Multiprocess

Current max (A): 160 (MMA) / 170 (TIG) / 170 (MIG)

Length (mm): 770

Width (mm): 465

Height (mm): 660

Product type: Welding machine

Weight (Kg): 33

