

- ✓ Tray with wheels and chain for gas bottle
- ✓ Mobile wire feed unit
- ✓ Synergetic
- ✓ ABS shock resistant housing
- ✓ 5 years warranty



SOLDERTECH powered by **HG**

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MIG MAG welding machine synergetic 350A

product code: ML350YHG

This SolderTech powered by HG MIG / MAG welding machine is standard equipped with a carrying platform to attach the gas bottle. This machine makes it possible to carry out various welding processes with ease, including MIG welding and also electrode welding.

The modern IGBT inverter technology ensures that the ML350YHG delivers sustainable performance with more power and a very high duty cycle. The ML350YHG is also equipped with thermal safety as standard, which in combination with a built-in fan prevents overheating and ensures that high-quality welding performance is guaranteed for a long time.

Furthermore, the mobile wire feed unit is equipped with a control panel on which welding voltage and current strength, among other things, can be easily adjusted. The power source is also equipped with preprogrammed synergetic programs for welding various materials.

The hot-start/anti-stick function increases the welding current quickly, so that the electrode does not stick to the workpiece during ARC welding.

Ideal for welding stainless steel, carbon steel, low alloy steel and aluminium (without pulse).

Every ML350YHG comes standard including:

- SolderTech MLT36M4 MIG torch with Euro connector and 4m cable
- Ground clamp with 3m 35mm² cable
- Standard 13mm Dinse cable coupling
- Gas pipe of 7m with quick coupling
- 5m cable grommet between cable package
- Heat resistant cover
- 5-pin 32A plug with 3.5m 4x4mm² cable
- 4x wire drive roll: 2x 0.8 + 1.0 and 2x 1.2 + 1.6

Specifications

voltage	400 V
frequency	50/60 Hz
input current	25,5 A
input power	16,8 kVA
start-up voltage	73 V
duty cycle	80% - 350 A
welding current range	MIG 40-350 / MMA 10-350
weldable welding wire	0.8 / 1.0 / 1.2 / 1.6
protection class	IP21S
dimensions	930 x 420 x 1130 mm
weight	50 kg

SOLDATECH[®] HG

powered by

Legend ML350YHG



IGBT

The latest IGBT inverter technology guarantees the best welding performance.



DC

Constant DC power output.



Thermal protection

Prevents overheating of the welding machine.



Anti-stick

The anti-stick function ensures that electrodes do not stick and weld easily.



Hot start

The hot start ensures a high start-up voltage so that all types of welding electrodes ignite easily.



A stepless

Infinitely adjustable Ampere to an accuracy of 1 ampere.



V stepless

Infinitely adjustable voltage.



3Phase

3 phase 400V input.



ARC FORCE

With the ARC FORCE, welding depths can be easily set during electrode welding.



Arc Welding

Welding machine can also ARC weld (electrode welding).



Flux

Reverse polarity is possible so that powder-filled wire can be welded gas-shieldedly.



Inductance

Adjustable induction allows the width and depth of the weld pool to be adjusted in MIG welding.



Double Wire Feed

Double roll wire feed.



Slow Wire Feed

At start-up, the wire starts slow, then accelerates to the selected settings once ignition is successful.



Aluminum Wire Feed

equipped with solid aluminum wire feed.



Portable Wire Feed

Portable wire feed unit.



Ball Cut Function

Prevents drop formation on the welding wire so that the welding wire can be used immediately for the next weld.



Synergetic

Device automatically applies the most ideal welding settings.



Burn Back Time

Once welding stops, the welding current and gas flow continue so that the welding wire does not jam and get stuck in the weld.



Digital

Digital display.



2T/4T

2T: Press 1x for on. Release for off.
4T: Press and release 1x for on. Press again and release for off.