

- ✓ Pulse, double Pulse
- ✓ Cable package of 10m
- ✓ Mobile wire feed unit
- ✓ ABS shock resistant housing
- ✓ 5 years warranty



SOLDATECH **HG**
powered by

MIG MAG welding machine double Pulse 500A

product code: ML500YHGM

The Soldatech powered by HG MIG Double Pulse is one of the most versatile MIG devices on the market, equipped as standard with a solid trolley that can easily hold a 50L bottle. This synergetic machine makes it possible to easily perform various welding processes including Pulse, Double Pulse, MIG welding and also electrode welding. In addition, the ML500YHGM is equipped as standard with a powerful water cooler which prevents overheating in combination with a built-in fan and ensures that high-quality welding performance is guaranteed over a long period of time. The Soldatech pulse inverter has a very extensive database that allows for 500 different programs with welding settings to be stored. This makes it easy to manage the ideal settings. The mobile wire feeder unit is also equipped with a digital control panel on which the gas after-current settings, welding voltage and current, among other things, can be easily adjusted and read. The power source is also equipped with preprogrammed synergetic programs for aluminum, steel, stainless steel, CuMn, Cu-SiMn and CuZn materials. Ideal for welding aluminum, stainless steel, carbon steel, low alloy steel and other alloys.

Every ML500YHGM comes standard with:

- Water-cooled Soldatech MLT501M4 MIG torch with a Euro connector and 4m cable (standard Teflon liner)
- Workpiece clamp with 3m 50mm² cable
- Standard 13mm Dinse cable coupling
- Gas pipe of 12m with quick coupling
- 10m cable grommet between cable package
- Heat resistant cover
- 5-pin 32A plug with 3m 4x4mm² cable
- Spare steel inner liner
- 10x wire drive roll: 4x 0.8 + 1.0U / 2x 0.8 + 1.0V / 2x 1.2V + 1.6V / 2x smooth roller without groove



Specifications	
voltage	400 V
frequency	50/60 Hz
fuse protection	32 A
input power	27,5 kVA
start-up voltage	80 V
duty cycle	40% - 500A / 60% - 408A / 100% - 316A (at 40 degrees ambient temperature)
welding current range	MIG 30-500 / MMA 10-500
weldable welding wire	1,0 / 1,2 / 1,6
cooling unit content	6 L
protection class	IP21S
dimensions	1133 x 498 x 1508 mm
weight	112 kg

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SOLDATECH HG

powered by

Legend ML500YHGM



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 inductance 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.



Water Cooler
Equipped with a water cooler.



Pulse
Pulse welding possible.



Double Pulse
Double Pulse welding possible.



Database
The device is equipped with a database and can store programs.



Spot Welding
Spot welding mode with various spot welding settings.



Robot (Optional)
Connection for robot welding torch.



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