WELDMARK®

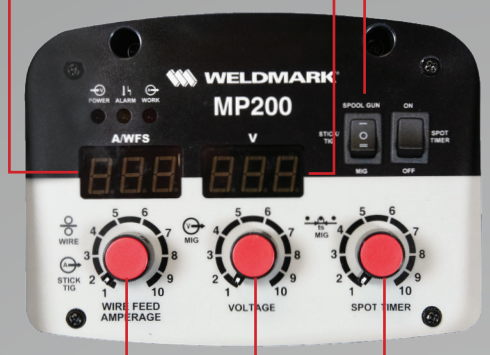
MEET THE NEW BOSS

WELDMARK MP200
INVERTER MULTIPROCESS WELDER

3 YEAR PARTS & LABOR WARRANTY
STICK, MIG, AND TIG* IN ONE MACHINE

- ADVANCED INVERTER TECHNOLOGY
- SPOT TIMER CONTROL
- SPOOL GUN CAPABLE
- USES TWECO STYLE CONSUMABLES
- INCLUDES: 10 FOOT MIG GUN
  10 FOOT GROUND CABLE AND CLAMP
  INERT GAS REGULATOR
  GAS HOSE

THE CONTROL YOU NEED



AVAILABLE NOW

WEM MP200

*Weldmark TIG torch sold separately

TECHNICAL SPECIFICATIONS

Item	Specification
Power Supply	120V, 20A, 50/60 Hz, Single Phase
	230V, 36A, 50/60 Hz, Single Phase
No-Load Voltage	69V DC
Output Range - MIG	30 to 90A DC with 120V Input Power
	30 to 200A DC with 230V Input Power
Output Range - STICK	30 to 70A DC with 120V Input Power
	30 to 170A DC with 230V Input Power
Duty Cycle-MIG	40% @ 90A with 120V Input Power
	20% @ 200A with 230V Input Power
Duty Cycle-STICK	40% @ 70A with 120V Input Power
	20% @ 170A with 230V Input Power
Suggested Wire	Steel, Stainless Steel, Aluminum
Suggested Wire Diameter	.023, .030; .035
Suggested Electrodes	E6013, E7014, E7018, Stainless Steel
Electrode Diameter	1/16 inch to 5/32 inch
Dimensions	19-1/8” x 9-1/2” x 14-3/4”
Weight	34-1/8 lb.

DESCRIPTION

The Weldmark MP200 is a dual voltage, portable DC inverter wire feed welder capable of welding with solid wire (with shielding gas) or with flux core wire. It comes ready to accept part number **WEM-Spoolgun-MM** optional Spool Gun for welding aluminum. This machine also has smooth DC stick capabilities and the ability to perform lift start DC TIG welding on steel and stainless steel materials with an optional two piece 17V style TIG torch. It can accept part number TIG torch **WEM 17V-25R** and 25mm dinse TIG connector kit **WEM SL2-25.**

This Weldmark MP200 is capable of MIG welding 5/16″ steel in a single pass while using 230V input power (3/16” steel when using 120V input power). It uses leading edge Inverter Technology to provide high quality welds that are crisp, clean, and consistent with plenty of power that will impress the most experienced of welders. Stick weld with electrodes up to 5/32″ with this exceptionally smooth DC stick welding output. Stick weld on materials such as steel, stainless steel, cast iron, hard facing and aluminum. This unit is an exceptional multi-process machine.

The Inverter Technology is evident from the moment you take this unit out of the box. One of the many advantages of inverter technology is creating more welding power from a smaller transformer. Typical applications for include home/hobbyist, construction, auto repair, farm and ranch and light industrial applications.

POWER INDICATOR LIGHT

In the “OFF” position no power is being supplied to the torch. In the “ON” position power is supplied to the main transformer and control circuit.

PROTECTION INDICATOR LIGHT

If the duty cycle of the welder is exceeded, the internal temperature will exceed safe temperatures and the machine will shut down. The thermal overload light will come on indicating this. Leave the unit on and allow 15 minutes for cool down before the light will go off and the temperature to fall into an allowable operating range.

WORK INDICATOR LIGHT

The work indicator will light when the torch trigger is pulled, indicating welding current is activated.

WELDING VOLTAGE

The voltage control is on the front panel of machine. Refer to the “set up” chart inside the wire feed compartment for initial adjustment settings.

WIRE FEED SPEED / AMPERAGE CONTROL

Adjustment of the wire feed speed in the MIG Torch or SPOOL GUN mode. Adjustment of the amperage in STICK welding mode. Refer to the "set up" chart inside the wire feed compartment for initial adjustment settings.

SPOT TIMER ON/OFF SWITCH

This control turns the spot welder function ON or OFF.

SPOOL GUN-TIG/STICK-MIG GUN WELDING SELECTOR

When performing normal MIG welding, this switch should be turned on “MIG” position. When using the spool gun, the switch should be in “spool gun” position. When DC stick welding, the switch will be in the "stick" position.

SPOT TIME ADJUSTMENT

The Spot Time Adjustment allows you to set a time from 0.1 to 9.9 seconds for consistent spot welds.

MIG GUN

The welding wire is driven through the welding cable and gun to the work piece. It is attached to the drive system. The trigger activates the drive motor.

OPTIONAL SPOOL GUN (WEM-Spoolgun-MM)

The Spool Gun is typically used for welding aluminum. The soft aluminum wire has a hard time feeding consistently in the standard MIG Gun. Load 4-inch spools of aluminum wire in the spool gun for easy and consistent feeding of aluminum wire.

ELECTRODE HOLDER AND CABLE

The Electrode Holder holds the stick welding electrode. The cable most often connects to the Positive (+) weld output connection for stick welding.

GROUND CABLE AND CLAMP

The ground cable and clamp are attached to the work piece to complete the circuit allowing the flow of current needed to weld.

GAS HOSE

The gas hose connects to the regulator/flowgauge and delivers the shielding gas from the shielding gas bottle to the welder.

GAS REGULATOR/FLOWGAUGE

The Gas Regulator/Flow gauge installs on the shielding gas cylinder for MIG welding with solid wires. The regulator controls the compressed gas and allows you to adjust the flow rate of the gas.

DIGITAL METERS

Digital meters display welding amperage and voltage while welding.