

ULTRAMIG 185

MIG Welder for autobody technician and the handy-man

AMH®

Designed specifically with the end user in mind:
From amateur to professional
From steel to aluminium
From SYNERGIC to MANUAL operation

Perfect for many welding applications.

Optimum results at any setting.

The most versatile welder available
All operations combined in one
powerful machine

Synergic Control

Eliminates any guess work.
Automatically adjusts volts, amps
and wire feed by simply turning
the control on the gun handle.

Manual Control

Enables the operator to fine
tune the wire speed by using
the control on the gun handle.
Ideal when welding
aluminium wire.



No. Model UltraMig 185: 28.800.22.15

State of the art technology at your finger tips

ULTRAMIG 185

Welcome to the world of microprocessor control technology. This compact welder has been created to make welding fast, easy and spatter free. It's specifically designed for MIG welding carbon steel and low-alloy steel with either CO₂ or Argon/CO₂ mixture shielding gas using solid electrode wires. This machine is also suitable for MIG welding stainless steel and aluminium. The patented SYNERGIC control feature allows the operator to work out of position without returning to the panel to make adjustments.

Technical Specifications

Main Power.....	200-240V / 1 Phase
Fuse or Breaker.....	30A
Frequency.....	50-60Hz
Output Voltage.....	12 to 26 VDC
Open Circuit Voltage.....	26 VDC
Current Range.....	20 to 200A
Maximal Output Amperage.....	200A @ 30%, 24 VDC
Speed Wire.....	2,5 - 12 m/min (8 - 40 ft/min.)
Protection.....	Thermostatic control against overheating
AC Cable Length.....	6,5m (25ft.)
Welding Torch Cable Length.....	3m coaxial (10ft.)

Dimensions

Assembled (L x l x h).....	864x 355x 724 mm (34x 14x 28.5 in)
Weight Welder.....	85kg (188lb)

Wire Recommendations

Wire Size.....	0,6mm (.024") - 0,8mm (.030") - 0,9mm (.035")
Steel Recommendation.....	Class E70Z-6 / Class E70S-3
Stainless Steel Recommendation.....	Alloy 308
Aluminium Recommendation.....	Alloy 5356

Gas Recommendations

Steel.....	25% CO ₂ + 75% Argon (10 to 16 l/min.)
Stainless Steel.....	25% CO ₂ + 75% Argon (10 to 16 l/min.)
Aluminium.....	100% Argon (14 to 18 l/min.)

Characteristics

In Synergic Mode

the UltraMig 185 has a single control at the gun. Turn it and weld from thin 24ga to 3/8". Both power and wire speed are adjusted in perfect harmony.

In Manual Mode

the knob on the gun handle fine tunes the wire speed, increasing machine precision. The power knob on the machine controls volts and amps.

Minimum Sparks

The UltraMig 185 produces the less sparks and spatter because power and speed are perfectly synchronized. Damage to glass, painted surfaces and upholstery is considerably reduced

Versatile

Select synergic or manual control. A variety wire sizes or any type of metal can be used.

Comes Complete With:

Qty:	Description:	Part No.:
1	Ground cable and clamp	01.800.00.05
1	Welding cable and gun 3m coaxial (10ft.)	03.800.00.20
1	Heavy Duty AC cable 6,5m (25ft.)	01.138.01.15
2	Welding tip 0.6mm (0.023")	04.204.00.01
1	Welding tip 0.76mm (0.030")	04.204.01.01
1	Gas regulator Argon/CO ₂	16.178.00.40
1	Welding wire steel .023 ER70S-6 (2lbs)	16.176.00.05
1	Fuse 3A	51.608.00.03
1	Chain	29.164.00.10



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