

# MultiMig 511



**Welding and brazing of aluminum alloys, galvanized sheet metal, stainless, and high-strength steel.**

## Features, Advantages, Benefits

- Synergic pulsed technology is required by most OEMs for aluminum welding. Includes a complete set of synergic programs in memory for brazing, welding and aluminum wire.
- Inverter technology enables precision electronic control of output power for better quality welds.
- **GREEN technology** - Integrated Power Factor Correction (PFC) technology reduces input power by avoiding energy waste found in most electronic-based equipment and ultimately reduces operating costs. 
- Two types of torches can be used with MultiMig power source - a standard MIG torch or the unique push-pull torch. The push-pull system torch has an up-down digital current adjust at your finger tip, thanks to a feeder built into the grip. The very small and light weight torch (no bulky spool-gun) enables real-time control of welding process by control of the wire feed speed and current level. The push-pull system corrects many of the problems encountered when feeding and welding soft aluminum wire, down to 0.6mm.
- Many programmable options are available to customize the unit's operation to meet most working conditions. Options include: Arc Length, 2 time, 4 time, Spot Time, Pause Time, Inductance, Burn Back, Soft Start, etc. Operates in pulse synergic, synergic, or conventional mode.



**Synergic pulsed welder with full set of welding programs for easy use!**

**A push-pull torch designed specifically to optimize aluminum welding.**



Push-pull torch  
EL900005

MultiMig 511 with  
push-pull torch  
EL900012



MultiMig 511 with  
standard torch  
EL900011

Standard torch  
EL900007

**INCLUDES Built-in cart for easy welder handling**

**Storage for gas cylinder**

## MultiMig 511 SPECIFICATIONS

Single phase input	230V 50/60Hz +15% to -20%
Supply fuse rating (slow blow)	30 A
Input power	5.7 KVA 20%
	4.1 KVA 60%
	3.2 KVA 100%
Current adjustment range	20A to 200A
Duty cycle (10 min 40°C)	200A 20%
According to IEC 60974.1	140A 60%
	120A 100%
Stepless regulation	Electronic
Standard supplied synergic programs	0.6/0.8/0.9/1.0 Fe, Alu
	0.8/0.9 Stainless Steel, CuSi3
	0.9 Flux core
Max. wire spool size	Ø 200 mm / 5 kg
	Ø 300 mm / 15 kg
Protection class	IP 23 S
Weight	99.2 lbs
Dimensions inches	18.9 x 33.7 x 32.5h



**Call Chief to contact your local distributor.**

**1-800-445-9262**

**www.chiefautomotive.com**  

Lit# CHIEF FUSION MULTIMIG\_511.04/15

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