

CMI273 & CMI273 Pulse MIG/MAG Welders



The fully digital revolution - switch on, press and weld!

The CMI273 welders are designed for today's vehicles and meet the increasing demands for joining the new materials used in them. Whether doing simple MIG/MAG or complex welding operations, the machines' synergic preset welding programs and automated functions easily handle the entire welding process through the fully digital control panel. The easy-to-use controls provide all key information at a glance. The technician sets the thickness and the machine adjusts all other parameters — switch on, press and weld!



Optimal Strength In Every Weld

Modern car bodies in aluminum and high-tensile steel require careful consideration and control of the arc. The CMI273 range with auto-pulse technology is state-of-the-art and professional welding equipment for joining aluminum and high-tensile steel. The pulse function, increasingly required by car makers, minimizes weld spatter and preserves the material strength of heat sensitive metals.

Features & Benefits

- **Protects heat-sensitive metals** — with Auto-Pulse technology
- **Saves time** — with synergic pre-set welding programs
- **Convenient** — adjust the weld setting right from the torch
- **Reliably feeds soft wires** — such as aluminum with a precise 4-wheel wire feed system
- **Comfortable** — accesses hard-to-reach places with adjustable MIG-A Twist torch
- **Efficient** — switch between key materials with the Twin Wire Feed System on CMI273 Twin — just a click away
- **Compact design & low weight** — makes it user friendly, flexible and mobile
- **Energy saving** — standby function (15-30W idling) gives less CO2 emission & long component life

MACHINES WITH MANY ADVANTAGES

The exceptional 4-Wheel Wire Feed system provides a smooth, reliable wire feed even on softer wires such as aluminum or for MIG brazing.

Boost for all mains voltages — CMI273 & CMI273 Twin are equipped with an electronic Boost Converter (autotransformer) for welding and brazing on single or three-phase mains voltages.

CMI273 TWIN & PULSE TWIN

Precision through Automation

With two torches, the CMI273 Twin offers easy switch-over between welding and brazing operations without having to change hoses, wires, wire drive rolls or gas.

The CMI273 Pulse Twin offers synergic pre-set welding programs and automated functions. This single unit is capable of operating on single or three phase power.



MIG-A Twist® — Extend Your Reach

The CMI273 is equipped with a MIG-A-Twist torch. This unique, swivel device allows you to access hard-to-reach places. Save time by conveniently adjusting the welder using the remote control on the torch and add efficiency to your welding operation.

Ignite – push – weld!



CMI273 Twin, Pulse Twin and Boost (shown) - quickly change from one welding operation to another

Technical Data

	CMI273 Pulse	CMI273 Pulse Twin
	Art. No. 79100266	Art. No. 79100267
Input Voltage +/- 15%	230V (200-440) Single or Three Phase	230V (200-440) Single or Three Phase
Fuse	10A	10A
Duty Cycle 100% at 40°C	175A/22.8	175/22.8
Duty Cycle 60% at 40°C	195A	205/24.3
Duty Cycle 100% at 20°C	230A	230
Duty Cycle 60% at 20°C	245A	245
Current Range	10-270A	15-270A
Main Power Cable Length	26 ft. (8 m)	26 ft. (8 m)
Welding Torch Cable Length	13.1 ft. (4 m)	13 ft. (4 m)
Protection Class	IP23	IP23
Dimensions LxWxH	22" x 10" x 25" (55x25x64 cm)	38" x 22" x 34" (96x57x87 cm)
Weight	57 lbs (26 kg)	121 lbs (55 kg)

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