

CMI273™ & CMI273™ Duo Pulse

Multi-Faceted 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!**

Machines with built-in advantages

AUTO PULSE WITH DOUBLE PULSE FUNCTION

CMI273 is available with a Auto Pulse control panel. This control panel features Double Pulse, an advanced pulse operation which utilizes two pulse levels. The machine's synergic design means that as the levels are pulsed, the wire feed speed and pulse frequencies are also adjusted. The result is a cooler TIG-like weld and better control of the arc with a minimum of weld spatter which ensures preservation of strength and surface of plates and profile tubes.



MIG BRAZING

CMI273 & CMI273 Duo are equipped with an electronic Boost Converter (autotransformer) for welding and brazing of galvanized steel plates. This function ensures maintenance of the material in terms of corrosion and strength and reduces post-treatment of distortion of plates and profile tubes to a minimum. The result is cost-effective and efficient welding.



4-WHEEL WIRE FEED

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

The CMI273i and 273i Duo can also be equipped with an electronic Boost Converter (autotransformer) for welding and brazing on all mono-phase and three-phase mains voltages.

FEATURES & BENEFITS

- **Protects heat-sensitive metals** — with Auto-Pulse technology
- **Double Pulse Function** — ideal for thinner aluminum and high-tensile steel sheets
- **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** — quickly switch between welding operations without having to change hoses, wires, wire drive rolls or gas using the CMI273 Duo Pulse
- **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

CMI273 Duo & Duo Pulse

Precision through Automation

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

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



MIG-A Twist® extend your reach!

The CMI273 welder 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 Duo Pulse and Boost – allow quick movement from one welding moment to another

Technical Data

	CMI273		CMI273 Duo	
	CMI273	Art. No. 46446	CMI273 Duo	Art. No. 46442
	CMI273 Pulse	Art. No. 46448	CMI273 Duo Pulse	Art. No. 46450
Input Voltage +/- 15%	230V (200-440) 1 or 3 PH		230V (200-440) 1 or 3 PH	
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	8 meters		8 meters	
Welding Torch Cable Length	4 meters		14 meters	
Protection Class	IP23		IP23	
Dimensions LxWxH, cm	55x25x64		96x57x87	
Weight, kg	26 kg		55 kg	

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Distributor