

# MIG-200i

Portable MIG, MMA(Stick) welder



## Quick Specs

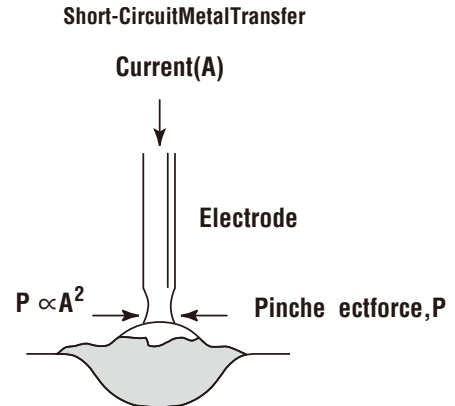
- ◆ **Processes:**  
MIG,  
MMA(Stick)
- ◆ **Input Power:**  
MIG-200i:  
200-240V/1-PH/50-60Hz
- ◆ **Rated Output at 40°C (104°F):**  
MIG-200i: 200A/24V/60%
- ◆ **Applications:**  
Metal Fabrication,  
Maintenance and Repair,  
Auto Body,  
Light Industrial

## TOP Features:

- ✓ Full digitized control system, new energy efficient IGBT inverter power source, very simple and friendly operations.
- ✓ Very clear wire melting drop transfer, very few spatters.
- ✓ **Powerful peak current confirms deep penetration and wide welding capacity.**
- ✓ Dynamic control with a push of a button.
- ✓ Fast, precise, clean arc ignition and arc ending.
- ✓ **Voltage Reduction Device(VRD).** When enabled from the set up menu reduces. **the open circuit voltage in STICK mode for use in electrically hazardous conditions or when the use of a VRD is required.**
- ✓ **Weights in at a mere 16 kg making it easy to carry around the shop or job site.**

## The short-circuiting metal transfer mode

- ◆ The short-circuiting metal transfer mode is the low heat input mode of metal transfer for GMAW and has higher electrode efficiencies, 93% or more. The low heat input reduces weldment distortion and makes it ideal for sheet metal thickness materials.



## Dynamic control

Arc setting: soft



Dynamics

Arc setting: medium



Dynamics

Arc setting: hard



Dynamics

## Dynamic control with a push of a button

You know how it is from experience. Every transformer system has its own unique characteristics. One system produces a slightly softer arc, while the next generates a slightly harder arc. More importantly, every welder has his own preference in terms of what he considers to be the perfect arc: softer and longer, shorter and harder or somewhere in between. This calls for a level of distinction that a transformer systems simply cannot realize. Our system allows you to individually adjust the dynamics of the arc to suit the work and welding position at hand and will find the simplest and fastest arc setting that is most suitable in each case. The rest of the job is carried out by the intelligent arc control technology incorporated into the background to achieve a perfect weld seam every time.

## Technical Specifications

Item No	MIG-200i
Rated Input Voltage	1PH ~ 230V ±15%
Max. Load Power Capacity	7.5KVA
Rated Duty Cycle(40°C) 60%	MIG: 200A/24V
	MMA: 200A/28V
100%	MIG: 160A/22V
	MMA: 160A/26.4V
Welding Current/Voltage Range	MIG: 10A/14.5V~200A/24V
	MMA:20A/20.8V~200A/28V
Open Circuit Voltage	70V~80V
Power Factor	0.8
Efficiency	80%
Pre-Gas Time	Preset
Flow-Gas Time	Preset
Wire-feed Mechanism	2 Rollers
Wire-feed Speed Range	2~18m/ min
Wire Spool Capacity	200mm (5kg)
Filler Wires Ø (mm) Fe, Ss:	0.6~1.0 mm
Dimension	540x230x480mm
Weight	20KG

# Accessories

## Standard accessories

**MIG-24**



Gas nozzle

Technical data (EN 60 974-7):

Rating:	250 A CO <sub>2</sub>
	220 A mixed gas M21 (DIN EN ISO 14175)
Duty cycle:	60%
Wire size:	∅ 0.8–1.2 mm



Contact tip



Contact tip holder



Gas diffuser



Electrode holder with cable 2M  
Earth clamp with cable 2M

## Optional accessories

**BINZEL MB EVO PRO 24**



Technical data (EN 60 974-7):

Rating:	250 A CO <sub>2</sub>
	220 A mixed gas M21 (DIN EN ISO 14175)
Duty cycle:	60%
Wire size:	∅ 0.8–1.2 mm



Argon gas regular  
or CO<sub>2</sub> gas regular with heater



Push-pull Troch:  
QTLB-24KD/36KD