

COMPACT PULSE MIG/MAG FAMILY

MIG-200 Series

Compact 220V double-pulse MIG/MAG family for aluminum and workshop welding.

MIG-200 Series gives distributors two compact body choices on the same single-phase pulse MIG/MAG platform: a smaller mini body and a standard compact body, both centered on 50-160 A output.

RATING NOTE

50-160 A

MIG-200 is the family name. Use the listed welding current range when comparing output class.



Product images shown for model identification. Market-facing graphics can vary by order package.

SMALLEST BODY OPTION

MIG-200 mini

BODY SIZE
475 x 255 x 370 mm

APPLICATION RANGE
0.5-5 mm aluminum application range

Dealer demos, compact repair benches, and distributors that need the smallest body in this family.



Product images shown for model identification. Market-facing graphics can vary by order package.

STANDARD COMPACT BODY

MIG-200

BODY SIZE
525 x 249 x 445 mm

APPLICATION RANGE
0.5-4 mm aluminum application range

Workshops and distributors that prefer the longer compact enclosure while keeping the same 220V platform.

OUTPUT RANGE

50-160 A

listed welding current range

INPUT POWER

AC220V

+/-10%, 50 Hz, single phase

RATED DUTY CYCLE

60%

rated duty-cycle value

WIRE DIAMETER

0.8-1.2 mm

MIG/MAG wire range

BEST FIT

Compact 220V workshops, repair counters, dealer demos, and light fabrication buyers needing aluminum-capable pulse MIG/MAG.

CORE REASON TO SELECT

Single-phase compact MIG/MAG with pulse, double pulse, synergic setup, non-gas MIG, and MMA in one family.

IMPORTANT RATING NOTE

MIG-200 is the family name; the listed welding current range is 50-160 A.

SELECTION SHORTCUT

BUYER NEED	ROUTE	REASON
Need the smallest body	Use MIG-200 mini	Same compact pulse MIG/MAG platform in the smaller enclosure.
Need standard compact format	Use MIG-200	Longer body with the same 220V family positioning.
Need true 200 A output	Compare MFL-200 or larger MIG models	This family is listed at 50-160 A output range.
Need higher-duty production MIG	Move to MIG-280 / MIG-350 / MIG-500	Higher-current routes for heavier fabrication work.

APPLICATION SCOPE

Buyer supplies

Shielding gas and welding wire remain material-specific consumables.

Package logic

Welding torch, earth wire / clamp, wire liner, and wire feed roll are standard MIG package items.

Application scope

For TIG aluminum, robotic welding, or 350A / 500A production MIG work, select a different DEYUN platform.

BUYER DECISION 02

PROCESS / MATERIAL FIT

PROCESS CAPABILITY

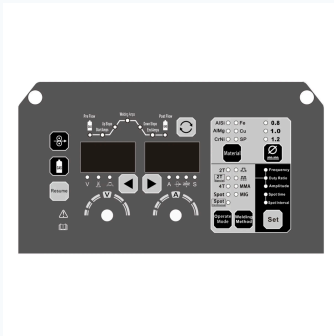
PROCESS / MODE	CUSTOMER MEANING
Pulse MIG/MAG	Aluminum, stainless, copper, and carbon-steel setup path for appearance-sensitive welding.
Double-pulse MIG/MAG	Useful for aluminum bead appearance and heat-input control.
Synergic MIG/MAG	Material, wire diameter, gas, and method selection route for faster setup.
Common MIG/MAG	CO2 and mixed-gas workshop route for carbon-steel welding.
Non-gas MIG	Selected flux-cored applications where shielding gas is not used.
MMA / manual	Secondary maintenance and repair mode.
2T / special 2T / 4T / spot	Trigger and spot modes for repeated workshop tasks.

WHERE IT BELONGS

Good-fit buyer
Distributor, repair shop, training counter, or compact workshop that wants an aluminum-capable 220V MIG/MAG offer.

Product ladder role
Entry compact pulse MIG/MAG family below MIG-230, MIG-280, and larger separate-feeder systems.

Not the right fit
Heavy production welding, robotic integration, or buyer requests centered on 350A / 500A output classes.



Control panel: material, wire diameter, method, trigger, and pulse-shape setup.

PANEL WORKFLOW

- 01 Material
- 02 Wire diameter
- 03 Welding method
- 04 Trigger mode
- 05 Pulse shape
- 06 Parameter adjust

MATERIAL / WIRE / GAS REFERENCE

MATERIAL PATH	WIRE / ALLOY	DIAMETER	GAS	USE NOTE
Al-Si aluminum	4043 / 4047	1.0 / 1.2 mm	>=99.99% Ar	Pulse and double-pulse aluminum route
Al-Mg aluminum	5356 / 5183 / MgAl5	1.0 / 1.2 mm	>=99.99% Ar	Aluminum-magnesium repair route
Copper alloy	Cu18 / Cu19 / CuSi3 / CuAl9	0.8 / 1.0 mm	>=99.99% Ar	Pulse MIG/MAG setup
Stainless steel	304 / 316 / 312 / 308	0.8 / 1.0 mm	98% Ar + 2% CO2	Stainless repair setup
Carbon steel pulse	Carbon-steel wire	0.8 / 1.0 mm	80% Ar + 20% CO2	Pulse MIG/MAG route
Carbon steel common	Carbon-steel wire	0.8 / 1.0 mm	100% CO2	Synergic / common MIG route



1.5 MM ALUMINUM / SINGLE PULSE WORKSHOP SAMPLE

WORKSHOP SAMPLE

Use as a visual welding-sample reference for aluminum pulse setup. Result depends on material prep, gas, wire, and operator settings.

SPECS / PACKAGE

RATED SPECIFICATION TABLE

PARAMETER	SPECIFICATION
Product type	Compact pulse / double-pulse MIG/MAG welding system
Models	MIG-200 mini / MIG-200
System format	Compact body with built-in wire feeder
Input power	AC220V +/-10%, 50 Hz, 1PH
Rated input power	4.6 kVA
Rated input current	13.9 A
Output current range	50-160 A
Rated duty cycle	60%
Open-circuit voltage	70 V
Power factor	>=0.93
Efficiency	>=85%
Insulation class	F
Cooling	Air-cooled
Wire diameter	0.8 / 1.0 / 1.2 mm
Gas flow	15-20 L/min
Welding methods	Pulse MIG/MAG, double pulse, synergic MIG/MAG, common MIG, non-gas MIG, MMA/manual
Operation modes	2T, special 2T, 4T, spot welding, continuous spot welding
Machine dimensions	MIG-200 mini: 475 x 255 x 370 mm; MIG-200: 525 x 249 x 445 mm
Package dimensions	580 x 340 x 510 mm
Net weight	22 kg

SITE REQUIREMENTS

Power class	Single-phase 220V workshop supply
Rated input power	4.6 kVA
Rated input current	13.9 A
Wire feed format	Built-in wire feeder
Shielding gas	Select by material path
Environment	Indoor, dry, ventilated workshop station

Order note

Accessory contents, plug type, certificate package, and market documents can vary by destination and order scope.

OUTPUT COMPARISON

50-160 A

For larger output requests, move the buyer to the next DEYUN platform instead of stretching this family.

INCLUDED / OPTIONAL ITEMS

ITEM	STATUS	DETAIL
Welding torch	Included	Standard MIG package item.
Earth wire / earth clamp	Included	Standard MIG package item.
Wire liner	Included	Match liner to wire material and diameter.
Wire feed roll	Included	Match groove type to wire material and diameter.
Gas meter / air meter	Paid optional	Match regulator and gas setup to the order destination.
Shielding gas and welding wire	External consumables	Material-specific gas and wire are required for MIG/MAG work.

ORDER NOTES

Voltage setup	Standard listed input is AC220V +/-10%, 50 Hz, 1PH. Other input options depend on order configuration.
Model selection	Use MIG-200 mini for the smallest enclosure; use MIG-200 for the standard compact body.
Gas setup	Gas meter / air meter is paid optional; shielding gas selection depends on material and local gas supply.
Package details	Plug type, cable length, package dimensions, and accessory quantities can vary by order.
Documents	Certificates and market documents are provided according to destination and model scope.