

LCD 280-CLASS DOUBLE-PULSE MIG/MAG

MIG-280X

LCD-guided 280-class double-pulse MIG/MAG with separate-feeder and compact options.

MIG-280X is the LCD upgrade path above standard MIG-280, built for distributors and workshops that want a more visible setup interface, pulse / double-pulse process story, and 3-phase 380V workshop use.

LCD UPGRADE

2 formats

External feeder for reach, or compact built-in feeder for one-body LCD mobility.



OUTPUT RANGE 50-280 A LCD 280-class output range	INPUT POWER 3PH AC380V three-phase workshop input	RATED DUTY CYCLE 60% rated duty-cycle value	OPTIONS 2 formats separate feeder or compact
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BEST FIT

Distributors and fabrication shops comparing standard 280-class pulse MIG/MAG against an LCD-guided upgrade path.

CORE REASON TO SELECT

LCD interface, synergic adjustment, single / double pulse modes, 3-phase 380V input, and two feeder formats.

BUYER SHORTCUT

Choose MIG-280X for external-feeder reach; choose MIG-280X Comp for compact LCD mobility.

SELECTION SHORTCUT

BUYER NEED	ROUTE	REASON
Need standard no-LCD 280A platform	Use MIG-280	Lower control complexity with standard panel workflow.
Need LCD setup with feeder reach	Use MIG-280X	LCD interface plus external wire-feeder layout.
Need LCD setup in one mobile body	Use MIG-280X Comp	LCD interface with compact built-in feeder.
Need higher output class	Move to MIG-350X / MIG-500X	LCD double-pulse routes for larger production classes.

APPLICATION SCOPE

LCD upgrade

Use this page when setup visibility and guided adjustment matter more than a basic control panel.

Feeder choice

MIG-280X uses external wire feeder handling; MIG-280X Comp integrates the feeder into the machine body.

Application scope

For economy, no-LCD, NBC CO2-only, or automation projects, select the matching DEYUN platform.

BUYER DECISION 02

LCD / FEEDER CHOICE



LCD SEPARATE-FEEDER OPTION

MIG-280X

FEEDER FORMAT

External wire feeder

DIMENSIONS

Main system 905 x 445 x 635 mm

WEIGHT

48 kg

Best when the buyer wants LCD setup workflow with external wire-feeder reach and separated station layout.



LCD COMPACT BUILT-IN-FEEDER OPTION

MIG-280X Comp

FEEDER FORMAT

Built-in wire feeder

DIMENSIONS

905 x 445 x 860 mm

WEIGHT

59 kg

Best when the buyer wants the LCD workflow in one compact body with built-in feeder and trolley mobility.

DIMENSIONS / PACKAGE REFERENCE

ITEM	MACHINE DIMENSIONS	PACKAGE DIMENSIONS	WEIGHT
MIG-280X system	905 x 445 x 635 mm	Package by order	48 kg
MIG-280X Comp	905 x 445 x 860 mm	Package by order	59 kg

PRODUCT POINTS

- LCD display**

Visible setup and monitoring interface for the 280-class LCD option.
- SYN adjustment**

Synergic adjustment route for current, voltage, and feeding setup.
- Single and double pulse**

Pulse and double-pulse modes for aluminum, carbon-steel, and stainless work.
- Compact digital panel**

Control layout built for distributor demos and repeat workshop setup.
- Built-in double-drive feeder**

Compact option uses an integrated double-drive feeder path.
- Trolley mobility**

Machine body supports workshop and showroom movement.

LCD / WORKSTATION DECISION

DECISION POINT	MIG-280X	MIG-280X COMP
Setup priority	LCD workflow with external wire-feeder placement.	LCD workflow in one compact body.
Feeder layout	External wire feeder for reach and separated station layout.	Built-in feeder for simpler movement and storage.
Best station type	Fixed or semi-mobile work area needing feeder placement flexibility.	Dealer demo, repair bay, or workshop station needing one-body mobility.
Shared capability	Same LCD double-pulse MIG/MAG family route.	Same LCD double-pulse MIG/MAG family route.

PROCESS / MATERIAL FIT

PROCESS CAPABILITY

PROCESS / MODE	CUSTOMER MEANING
MIG/MAG	General gas-shielded fabrication and repair work.
Pulse MIG/MAG	LCD-guided pulse route for aluminum, carbon steel, and stainless distributor demos.
Double-pulse MIG/MAG	Core LCD 280X route for appearance-sensitive and aluminum work.
SYN adjustment	Synergic setup path for faster parameter matching.
MMA / stick welding	Secondary maintenance and repair process.

WHERE IT BELONGS

- Good-fit buyer**

Distributor demo station or workshop wanting an LCD-visible 280-class pulse MIG/MAG platform.
- Product ladder role**

LCD upgrade above MIG-280 and below the larger MIG-350X / MIG-500X LCD platforms.
- Feeder decision**

External feeder for reach; compact built-in feeder for one-body mobility.
- Not the right fit**

Single-phase sites, lowest-cost positioning, NBC CO2-only work, or heavy 350A / 500A production demand.



LCD panel: operation mode, material, process control, save / memory, gas check, wire inching, and adjustment controls.

PANEL WORKFLOW

- 01 Operation mode
- 02 Material
- 03 Process control
- 04 SYN adjustment
- 05 Save / memory
- 06 Gas check / wire inching

MATERIAL / WIRE / GAS REFERENCE

MATERIAL PATH	WIRE / ALLOY	DIAMETER	GAS	USE NOTE
Aluminum	Aluminum wire	0.8 / 1.0 / 1.2 mm	High-purity Ar route	Pulse / double-pulse LCD setup
Carbon steel pulse	Carbon-steel wire	0.8 / 1.0 / 1.2 mm	Mixed-gas route	Pulse MIG/MAG setup
Carbon steel common	Carbon-steel wire	0.8 / 1.0 / 1.2 mm	CO2 route	Common MIG/MAG setup
Stainless steel	Stainless wire	0.8 / 1.0 / 1.2 mm	Mixed-gas route	Pulse MIG/MAG setup

SPECS / PACKAGE

RATED SPECIFICATION TABLE

PARAMETER	SPECIFICATION
Product type	280-class LCD double-pulse MIG/MAG welding platform
Models	MIG-280X / MIG-280X Comp
Feeder formats	External wire feeder / built-in wire feeder
Input power	3PH AC380V
Rated input power	9.2 kVA
Rated input current	14 A
Output current range	50-280 A
Rated duty cycle	60%
Open-circuit voltage	45 V
Power factor	0.93
Efficiency	85%
Protection class	IP21
Insulation class	F
Wire diameter	0.8 / 1.0 / 1.2 mm
Welding methods	MIG/MAG, pulse MIG/MAG, double-pulse MIG/MAG, MMA/stick
Control features	LCD display, SYN adjustment, single pulse, double pulse, 2T / 4T trigger modes

SITE REQUIREMENTS

Power class	380V three-phase workshop supply
Rated input power	9.2 kVA
Rated input current	14 A
Environment	Indoor, dry, ventilated workshop station
Screen care	Keep the LCD panel and air passages clean during workshop use.

Order note

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

OUTPUT COMPARISON

50-280 A

LCD 280-class range for buyers upgrading from the standard no-LCD MIG-280 platform.

INCLUDED / OPTIONAL ITEMS

ITEM	STATUS	DETAIL
Welding torch	Included	Standard MIG package item; match torch setup to order package.
Earth wire / earth clamp	Included	Standard MIG package item for workpiece return connection.
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.
External wire feeder	MIG-280X	Separate-feeder option for external feeder layout.
Built-in feeder	MIG-280X Comp	Compact option with feeder integrated into the machine body.
Shielding gas and welding wire	External consumables	Material-specific gas and wire are required for MIG/MAG work.

ORDER NOTES

Voltage setup	Listed input is 3PH AC380V. Other input options depend on order configuration.
Model selection	Use MIG-280X for external wire-feeder layout; use MIG-280X Comp for compact built-in-feeder layout.
LCD workflow	Use this page when visible setup, memory, and synergic adjustment matter to the buyer.
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.