

350-CLASS ECONOMY DOUBLE-PULSE MIG/MAG

# MIG-350E

Economy 350-class double-pulse MIG/MAG with external-feeder, compact, and water-cooled options.

MIG-350E gives distributors a lower-cost 350A-class double-pulse route below the standard MIG-350 and LCD MIG-350X lines, with air-cooled external-feeder, compact built-in-feeder, and water-cooled packages for 3-phase workshops.

COOLING CHOICE

Air / Water

Economy external-feeder route with air-cooled and water-cooled package options.

MIG-350E
ECONOMY AIR-COOLED OPTION

MIG-350E Comp
ECONOMY COMPACT OPTION

MIG-350EW
ECONOMY WATER-COOLED OPTION

OUTPUT RANGE

50-350 A

economy 350-class output range

INPUT POWER

3PH AC380V

three-phase workshop input

RATED DUTY CYCLE

60%

rated duty-cycle value

OPTIONS

3 formats

external, compact, or water-cooled

BEST FIT

Distributors and workshops needing a lower-cost 350A double-pulse MIG/MAG offer below standard and LCD product tiers.

CORE REASON TO SELECT

Economy double-pulse process coverage, 3-phase 380V input, no-LCD panel workflow, and three body / cooling formats.

BUYER SHORTCUT

Choose MIG-350E for external-feeder reach, MIG-350E Comp for a built-in feeder, or MIG-350EW when water-cooled torch support is part of the station plan.

## SELECTION SHORTCUT

| BUYER NEED                          | ROUTE                        | REASON                                                            |
|-------------------------------------|------------------------------|-------------------------------------------------------------------|
| Need economy 350A air-cooled work   | Use MIG-350E                 | Air-cooled external-feeder economy pulse option.                  |
| Need an all-in-one economy body     | Use MIG-350E Comp            | Compact body with built-in wire feeder.                           |
| Need economy 350A water-cooled work | Use MIG-350EW                | Adds water-cooled torch support to the same economy product tier. |
| Need standard no-LCD 350A platform  | Move to MIG-350 / MIG-350W   | Standard double-pulse route above the economy page.               |
| Need LCD setup workflow             | Move to MIG-350X / MIG-350XW | LCD double-pulse route with guided interface.                     |
| Need higher economy output          | Move to MIG-500E / MIG-500EW | Economy line step-up for larger output class.                     |

## APPLICATION SCOPE

Economy tier

Use this page when price-positioned double-pulse capability matters more than LCD workflow.

Format choice

MIG-350E uses an external feeder, MIG-350E Comp integrates the feeder, and MIG-350EW adds water-cooled torch support.

Application scope

For LCD, standard, NBC CO2-only, or 500A demand, select the matching DEYUN platform.

BUYER DECISION 02

# COOLING / FEEDER CHOICE



ECONOMY AIR-COOLED OPTION

## MIG-350E

FEEDER FORMAT  
External wire feeder

DIMENSIONS  
545 x 300 x 555 mm

WEIGHT  
29 kg

Best when the buyer wants economy double-pulse capability in a 350A air-cooled external-feeder station.



ECONOMY COMPACT OPTION

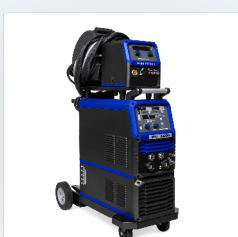
## MIG-350E Comp

FEEDER FORMAT  
Built-in wire feeder

DIMENSIONS  
970 x 475 x 925 mm

WEIGHT  
45 kg

Best when the buyer wants the economy 350A process route in a compact all-in-one body with built-in wire feeding.



ECONOMY WATER-COOLED OPTION

## MIG-350EW

FEEDER FORMAT  
External wire feeder + water-cooled package

DIMENSIONS  
970 x 475 x 925 mm

WEIGHT  
58 kg

Best when the buyer wants the same economy 350A process route with water-cooled torch support.

### DIMENSIONS / PACKAGE REFERENCE

| ITEM                          | MACHINE DIMENSIONS                                          | PACKAGE DIMENSIONS | WEIGHT               |
|-------------------------------|-------------------------------------------------------------|--------------------|----------------------|
| MIG-350E air-cooled system    | 545 x 300 x 555 mm                                          | Package by order   | 29 kg                |
| MIG-350E Comp compact system  | 970 x 475 x 925 mm                                          | Package by order   | 45 kg                |
| MIG-350EW water-cooled system | 970 x 475 x 925 mm                                          | Package by order   | 58 kg                |
| Wire feeder                   | External on MIG-350E / MIG-350EW; built in on MIG-350E Comp | Package by order   | Included with system |

### PRODUCT POINTS

- Economy no-LCD platform**  
Lower-cost 350A double-pulse route below standard and X-series LCD models.
- Compact digital panel**  
No-LCD workflow with SYN adjustment for economy pulse users.
- Single and double pulse**  
Pulse paths for aluminum, stainless, and carbon-steel application discussions.
- Feeder choice**  
Choose separate-feeder reach or a compact all-in-one body with built-in wire feeding.
- 2T / 4T trigger modes**  
Common trigger workflows for MIG/MAG operation.
- 15 kg spool support**  
Product page icon supports large-spool workshop use.

### COOLING / WORKSTATION DECISION

| DECISION POINT     | MIG-350E                           | MIG-350E COMP                  | MIG-350EW                              |
|--------------------|------------------------------------|--------------------------------|----------------------------------------|
| Cooling route      | Air-cooled                         | Air-cooled                     | Water-cooled torch support             |
| System layout      | External wire feeder               | Built-in wire feeder           | Water-cooled package + external feeder |
| Footprint planning | Separate station with feeder reach | Compact all-in-one body        | Larger water-cooled station package    |
| Shared capability  | Economy 350-class double pulse     | Economy 350-class double pulse | Economy 350-class double pulse         |

BUYER DECISION 03

# PROCESS / MATERIAL FIT

## PROCESS CAPABILITY

| PROCESS / MODE                | CUSTOMER MEANING                                                                 |
|-------------------------------|----------------------------------------------------------------------------------|
| MIG/MAG                       | General gas-shielded fabrication, maintenance, and repair work.                  |
| Ordinary gas-shielded welding | Baseline economy MIG/MAG path for carbon-steel workshop use.                     |
| High-speed single pulse       | Pulse route for production-oriented economy setup.                               |
| High-speed double pulse       | Core economy double-pulse route for aluminum, stainless, and carbon-steel demos. |
| MMA / stick welding           | Secondary maintenance and repair process.                                        |
| Spot welding                  | Timed welding function for repeat spot work.                                     |

## WHERE IT BELONGS

### Good-fit buyer

Distributor, repair shop, or light fabrication workshop needing an economy 350A pulse MIG/MAG offer.

### Product ladder role

Economy tier below MIG-350 and below the LCD-guided MIG-350X platform.

### Cooling decision

Air-cooled for general economy work; water-cooled when torch cooling is part of the buyer's requirement.

### Not the right fit

Single-phase sites, LCD workflow demand, NBC CO2-only work, or 500A-class production demand.



Economy panel: material, wire diameter, welding method, set, operation mode, spot timing, memory, and adjustment controls.

## PANEL WORKFLOW

- 01 Material
- 02 Wire diameter
- 03 Welding method
- 04 Operation mode
- 05 Spot timing
- 06 Synergic adjustment

## MATERIAL / WIRE / GAS REFERENCE

| MATERIAL PATH     | WIRE / ALLOY           | DIAMETER                           | GAS                       | USE NOTE                               |
|-------------------|------------------------|------------------------------------|---------------------------|----------------------------------------|
| Carbon steel      | Solid wire             | 0.8 / 1.0 / 1.2 / 1.6 mm           | CO2 or mixed gas by setup | General MIG/MAG and pulse work         |
| Stainless steel   | Stainless wire         | 0.8 / 1.0 / 1.2 / 1.6 mm           | Mixed gas by setup        | Stainless pulse setup                  |
| Aluminum          | Aluminum wire          | 0.8 / 1.0 / 1.2 / 1.6 mm           | Argon route by setup      | Double-pulse aluminum setup            |
| High carbon steel | Solid wire             | 0.8 / 1.0 / 1.2 / 1.6 mm           | Gas-shielded setup        | Economy fabrication path               |
| Thin-sheet work   | Match wire to material | Use smaller wire where appropriate | Gas by material           | Route exact limits through DEYUN sales |

# SPECS / PACKAGE

## RATED SPECIFICATION TABLE

| PARAMETER            | SPECIFICATION                                                                                       |
|----------------------|-----------------------------------------------------------------------------------------------------|
| Product type         | Economy 350-class double-pulse MIG/MAG welding platform                                             |
| Models               | MIG-350E / MIG-350E Comp / MIG-350EW                                                                |
| Feeder format        | External wire feeder or compact built-in wire feeder                                                |
| Cooling formats      | Air-cooled / water-cooled                                                                           |
| Display class        | No-LCD economy panel                                                                                |
| Input power          | 3PH AC380V                                                                                          |
| Rated input power    | 15.8 kVA                                                                                            |
| Rated input current  | 24 A                                                                                                |
| Output current range | 50-350 A                                                                                            |
| Rated duty cycle     | 60%                                                                                                 |
| Open-circuit voltage | 65 V                                                                                                |
| Power factor         | 0.93                                                                                                |
| Efficiency           | 85%                                                                                                 |
| Protection class     | IP21                                                                                                |
| Insulation class     | F                                                                                                   |
| Wire diameter        | 0.8 / 1.0 / 1.2 / 1.6 mm                                                                            |
| Spool support        | 15 kg wire spool                                                                                    |
| Welding methods      | MIG/MAG, ordinary gas-shielded welding, high-speed single pulse, high-speed double pulse, MMA/stick |
| Operation modes      | 2T, 4T, special trigger mode, spot welding                                                          |

## SITE REQUIREMENTS

|                     |                                          |
|---------------------|------------------------------------------|
| Power class         | 380V three-phase workshop supply         |
| Rated input power   | 15.8 kVA                                 |
| Rated input current | 24 A                                     |
| Panel class         | No-LCD economy control panel             |
| Environment         | Indoor, dry, ventilated workshop station |

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

**OUTPUT COMPARISON**  
**50-350 A**  
350A economy tier sits below 500A-class economy platforms.

## INCLUDED / OPTIONAL ITEMS

| ITEM                           | STATUS               | DETAIL                                                                          |
|--------------------------------|----------------------|---------------------------------------------------------------------------------|
| Welding torch                  | Included             | Standard MIG package item; torch setup should match the selected cooling route. |
| 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.                         |
| Wire feeder                    | Included             | External on MIG-350E / MIG-350EW; built into MIG-350E Comp.                     |
| Water-cooled package           | MIG-350EW            | Use this option when water-cooled torch support is required.                    |
| 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-350E for air-cooled external-feeder work; use MIG-350EW for water-cooled torch support.           |
| Panel expectation | This is an economy no-LCD platform; route LCD workflow demand to MIG-350X.                                |
| Cooling package   | Select the water-cooled option when torch cooling is part of the station requirement.                     |
| Gas setup         | Gas meter / air meter is paid optional; shielding gas selection depends on material and local gas supply. |
| Documents         | Certificates and market documents are provided according to destination and model scope.                  |