

# BWELD

## MIG-MAG 400 AMP Industrial Series



### Features

- \* Advanced Inverter technology, low spatter.
- \* Continuous adjustment of welding voltage and current.
- \* Slow start facilitates easy arc striking.
- \* Reduced melting ball at the end of welding.
- \* High operating frequency hence small size and weight.
- \* High Power Factor & Efficiency.
- \* Preset Digital Display of Welding voltage and current.

Current Range: 40 to 400 Amps

Closed Wire Feeder

Power Factor: 0.9

60% Duty cycle

CC & CV

### Scope of Supply

Power Source, Closed Wire Feeder with 5 meter interconnecting cable, MIG Torch – 3 meter length, Earthing Cable and Earth Clamp

### Optional Accessories

Flow meter, Heater,  
Regulator  
Welding Holder  
Extra long interconnecting  
Cable  
Magnetic Torch Stand



On-Site  
Service



CUSTOMER CARE:  
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# BWELD

## MIG-MAG 500 AMP Industrial Series



### Features

- \* Advanced Inverter technology, low spatter.
  - \* Continuous adjustment of welding voltage and current.
  - \* Slow start facilitates easy arc striking.
  - \* Reduced melting ball at the end of welding.
  - \* High operating frequency hence small size and weight.
  - \* High Power Factor & Efficiency.
- Preset Digital Display of Welding voltage and current.

Current Range: 40 to 500 Amps

Closed Wire Feeder

Power Factor: 0.9

60% Duty cycle

CC & CV

### Scope of Supply

Power Source, Closed Wire Feeder with 5 meter interconnecting cable, MIG Torch – 3 meter length, Earthing Cable and Earth Clamp

### Optional Accessories

Flow meter, Heater,  
Regulator  
Welding Holder  
Extra long interconnecting  
Cable  
Magnetic Torch Stand



On-Site  
Service



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# BWELD

## ARC 250 AMP (Single Phase) Industrial Series



### Features

Smooth and stable welding performance featuring minimal spatter. Automatic over voltage and over current protection. Auto compensation for voltage fluctuation. Suitable electrode (2.0, 2.5, 3.2) welding all types of acid and basic types of electrodes.

Current Range: 30 to 250 Amps

Power Factor: 0.93

60% Duty cycle

I Phase

CC

### Scope of Supply

Power Source, Input Cable

### Optional Accessories

Earth Cable and Clamp

Welding Cable and Holder



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# BWELD

## ARC 250 AMP (Single/ Two Phase) Industrial Series



### Features

Smooth and stable welding performance featuring minimal spatter. Automatic over voltage and over current protection. Auto compensation for voltage fluctuation. Suitable electrode (2.0, 2.5, 3.2) welding all types of acid and basic types of electrodes.

Current Range: 30 to 250 Amps

Power Factor: 0.93

60% Duty cycle

I/II Phase

CC

### Scope of Supply

Power Source, Input Cable

### Optional Accessories

Earth Cable and Clamp

Welding Cable and Holder



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# BWELD

## AIRCUT 120 AMP Industrial Series



- Warranty not applicable on inbuilt compressor
- Cutting thickness 16mm in MS & 12mm in SS with Inbuilt Air Compressor.

### Features

- Highly centralized ARC energy, good stability, strong cutting force.
- High speed in cutting (3 to 5 times faster than gas cutting)
- Narrow Kerf Width.
- Least deformation of work piece.
- Continuous adjustable cutting current.
- Effortless ARC starting, Easy operation.
- ARC welding/ MMA option available.

Current Range:  
20 to 120 Amps for cutting  
40-400Amps for MMA

Cutting Thickness: 25mm  
in MS & 20mm SS

60% Duty cycle

III Phase

MMA

### Scope of Supply

Power source with Inbuilt air compressor, 5mtr plasma cutting torch  
Earth Cable and Clamp

### Optional Accessories

ARC holder, welding cable  
Straight Neck Torch  
Air Filter



On-Site  
Service



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# BWELD

## TIG/MMA 400 AMP

(Single Phase)

Industrial Series



### Features

- IGBT based inverter and hence more reliable.
- Built in high frequency for GTAW (TIG).
- Digital display for set welding current.
- Compact & light in weight.
- Better welding performance.
- Higher efficiency and better power factor.
- Adjustable post gas time & down slope time in TIG.
- Adjustable arc force in MMA.

Current Range: 30 to 250 Amps

Power Voltage: 220V

60% Duty cycle

I Phase

CC

### Scope of Supply

Power Source, Input Cable, TIG Torch

### Optional Accessories

Argon Regulator  
Flowmeter



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### Features

- IGBT based inverter technology.
- Auto protection of over voltage and over current.
- Automatic self balancing ability when voltage is wavering within a certain range.
- Built in air filter and regulator.
- With 2T/4T mode, it reduces the working intensity.
- . Smooth cutting surface with high cutting efficiency.

Current Range: 30 to 100 Amps

Cutting Thickness: 20mm

60% Duty cycle

III Phase

MMA

- *Warranty not applicable on inbuilt compressor*
- *Cutting thickness 16mm in MS & 12mm in SS with Inbuilt Air Compressor.*

### Scope of Supply

Power source with Inbuilt air compressor, 5mtr plasma cutting torch  
Earth Cable and Clamp

### Optional Accessories

ARC holder, welding cable  
Straight Neck Torch  
Air Filter



On-Site  
Service



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# BWELD

## ARC 315 AMP (Single/ Two Phase) Industrial Series



### Features

- IGBT based inverter technology.
- Stable Arc with less spatter.
- Automatic over voltage and over current protection.
- Auto compensation for voltage fluctuation.
- Suitable electrode (2.0, 2.5, 3.2) welding all types of acid and basic types of electrodes.

Current Range: 30 to 250 Amps

Power Factor: 0.93

60% Duty cycle

I/II Phase

CC

### Scope of Supply

Power Source, Input Cable

### Optional Accessories

Earth Cable and Clamp

Welding Cable and Holder



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# BWELD

## ARC 500 AMP (III Phase) Industrial Series

ARC 500



### Features

IGBT based inverter technology.  
Stable Arc with less spatter.  
Automatic over voltage and over current protection.  
Auto compensation for voltage fluctuation.  
Suitable electrode (2.0, 2.5, 3.2) welding all types of acid and basic types of electrodes.

Current Range: 40-500A Amps

Power Factor: 0.93

60% Duty cycle

I/II Phase

CC

### Scope of Supply

Power Source, Input Cable

### Optional Accessories

Earth Cable and Clamp

Welding Cable and Holder



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# BWELD

## AIRCUT 120 AMP Industrial Series



- Warranty not applicable on inbuilt compressor
- Cutting thickness 16mm in MS & 12mm in SS with Inbuilt Air Compressor.

### Features

- Highly centralized ARC energy, good stability, strong cutting force.
- High speed in cutting (3 to 5 times faster than gas cutting)
- Narrow Kerf Width.
- Least deformation of work piece.
- Continuous adjustable cutting current.
- Effortless ARC starting, Easy operation.
- ARC welding/ MMA option available.

Current Range:  
20 to 120 Amps for cutting  
40-400Amps for MMA

Cutting Thickness: 25mm  
in MS & 20mm SS

60% Duty cycle

III Phase

MMA

### Scope of Supply

Power source with plasma cutting torch  
Earth Cable and Clamp

### Optional Accessories

ARC holder, welding cable  
Straight Neck Torch  
Air Filter



On-Site  
Service



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# BWELD

## TIG/MMA 315 AMP

(Three Phase)

Industrial Series



### Features

- IGBT based inverter and hence more reliable.
- Built in high frequency for GTAW (TIG).
- Digital display for set welding current.
- Compact & light in weight.
- Better welding performance.
- Higher efficiency and better power factor.
- Adjustable post gas time & down slope time in TIG.
- Adjustable arc force in MMA.

Current Range: 30 to 250 Amps

Power Voltage: 415V

60% Duty cycle

III Phase

CC

### Scope of Supply

Power Source, Input Cable, TIG Torch

### Optional Accessories

Argon Regulator  
Flowmeter



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# BWELD

## TIG/MMA 500 AMP

(Single Phase)

Industrial Series

### Features

- IGBT based inverter and hence more reliable.
- Built in high frequency for GTAW (TIG).
- Digital display for set welding current.
- Compact & light in weight.
- Better welding performance.
- Higher efficiency and better power factor.
- Adjustable post gas time & down slope time in TIG.
- Adjustable arc force in MMA.

Current Range: 30 to 250 Amps

Power Voltage: 220V

60% Duty cycle

I Phase

CC

### Scope of Supply

Power Source, Input Cable, TIG Torch

### Optional Accessories

Argon Regulator  
Flowmeter



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# BWELD

## ARC 400 AMP (Single/ Two Phase/Three phase) Industrial Series

### Features

IGBT based inverter technology.  
Stable Arc with less spatter.  
Automatic over voltage and over current protection.  
Auto compensation for voltage fluctuation.  
Suitable electrode (2.0, 2.5, 3.2) welding all types of acid and basic types of electrodes.

Current Range: 40-400 Amps

Power Factor: 0.93

60% Duty cycle

I/II/III Phase

CC

ARC 400



# BWELD

### Scope of Supply

Power Source, Input Cable

### Optional Accessories

Earth Cable and Clamp  
Welding Cable and Holder



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