

MEGMEET
WELDING TECHNOLOGY

Stock Code
002851

To be Your First Choice

MEGMEET Comprehensive
Product Selection Catalogue

CO₂/MAG/MIG/
TIG/SAW/MMA/CAC-A/LASER

2025

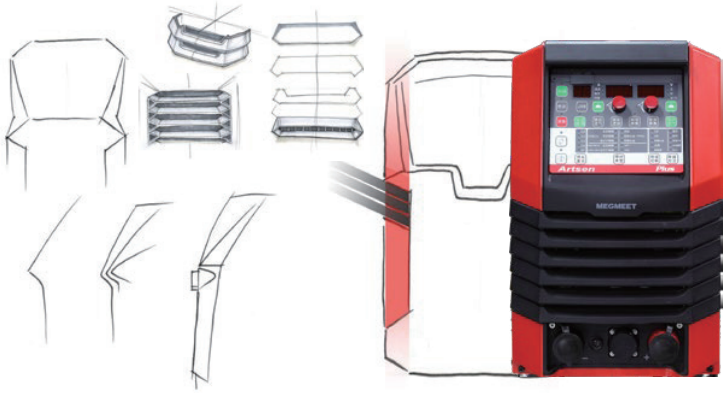
Leading in MIG/MAG
equipment for robotic
welding for **10**
consecutive years in
China with market
share of **30%**



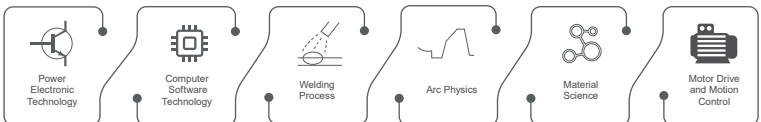
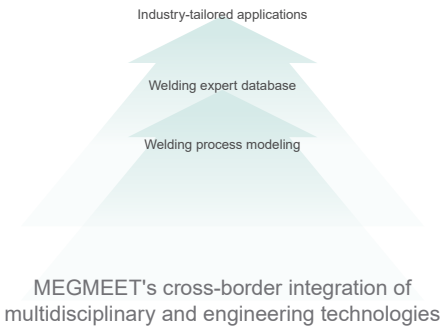
Business

Philosophy

"We strive to become a trusted and preferred partner to our customers by delivering highly reliable welding products and solutions."



High-performance Digital-control Welding Equipment



CONTENTS

■ Representative Process Introduction

- Super-low Spatter
- Short Arc Pulse
- QPT(Quick Pulse Technology)
- AC MIG
- DI/PI Fusion(High-speed Intermittent Welding)
- DD Fusion
- DP Fusion
- RDT(Retract Droplet Technology)

■ CO₂/MAG/MIG Welding Machine

- Artsen2 CM500C
- Ehave2 CM Series
- Artsen3 Series
- Dex DM/PM Series
- Dex2 L/M Series
- Dex2 Ultra 400AC
- Artsen Plus/Pro Series
- Artsen Mate/Max Series

■ TIG Welding Machine

- MetaTig DC/ACDC Series

■ Submerged Arc Welding Machine

- SA Series

■ Carbon Arc Air Gouging Welding Machine

- ST Series

■ MMA Welding Machine

- ST2 Series

■ Handheld Laser Welding Machine

- LUX Series

■ Robotic Laser Welding Machine

- RAY Series

■ Robotic and Automatic Welding

■ SMARC IoT System

A variety of processes meet different working conditions



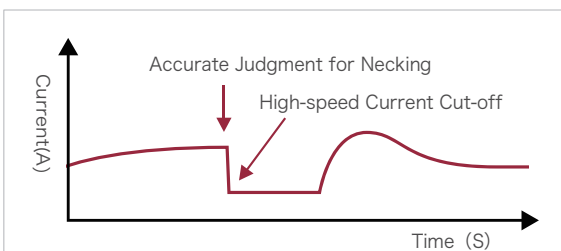
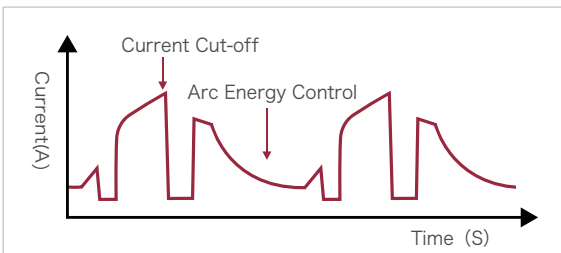
Super-low Spatter

110kHz high-frequency hardware system combined with patented algorithm can realize precise "chopper" control, which greatly reduces spatter caused by liquid-bridge bursting and electromagnetic repulsion, and helps fusion pool more stable and weld shape more beautiful.



Welding Features:

- Soft arc, low and small spatter, 90% less spatter than conventional DC welding machine. Grinding work is reduced to improve production efficiency;
- Lower heat input, suitable for thin plate welding;
- Smooth droplet transfer, calm fusion pool, low heat input, strong ability in bridge-welding, be adaptive in large-gap welding;
- Wider range in low spatter welding: thin-plate carbon steel, $\phi 1.2\text{mm}$ wire. Low spatter current range can reach 210A, 20% higher than other similar welding machines.



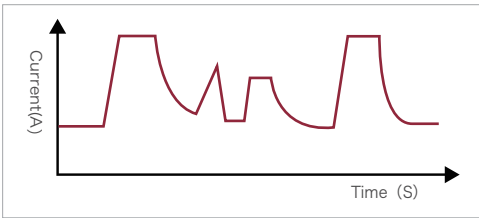


Short Arc Pulse

Shot-circuit transfer was added into waveform of the standard pulse process. It is a superb combination of synergic and pulse welding process together with their advantages, and achieving better results with short welding arc.

Welding Features:

- Welding with lowered voltage to achieve spatter-free and beautiful results with pulse process
- Short in transfer arc, higher in transfer frequency, stronger in anti-interference capability
- More friendly to robotic welding with high arc stiffness and sharp arc direction
- Heat-input lowered to avoid defects like under-cut
- Deposition rate increased
- Welding spatter is eliminated. Welding process becomes well controlled



Standard Pulse



Short Arc Pulse





QPT

Quick Pulse Technology

Unique quick pulse welding technology adopts three-level main power topology. High-speed sampling and control advantages, brought by the inverter frequency up to 110kHz, can reach critical state between short circuit and pulse spray transition. With shorter droplet transition distance, lower arc and faster welding speed, pulse speed is increased by more than 20%. Service life of wearing parts is lengthened and weld shape is better, meeting actual needs of manual welding.

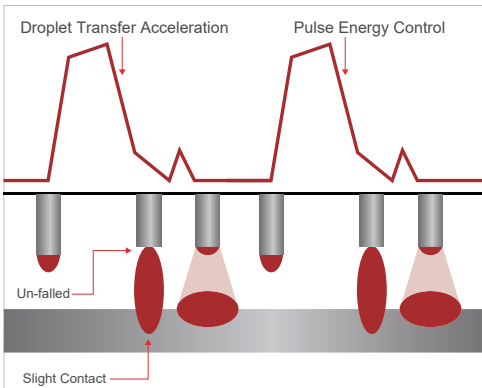
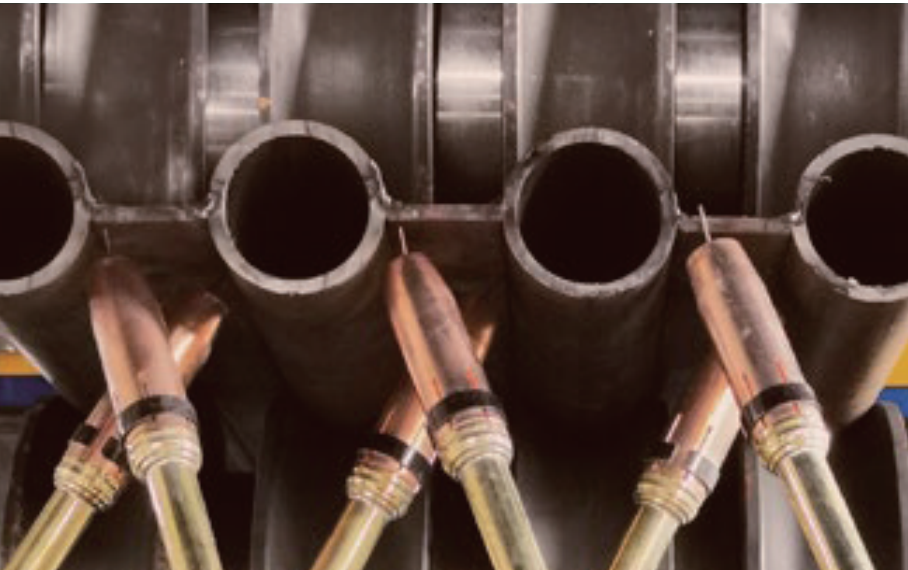
Pain Points in Conventional Pulse Welding

- Speed is slow: 30% slower than DC welding
- Weld formation is difficult to control: high heat input, long arc and many undercuts
- High Requirements in Mixed Gas: high requirement in the 80/20 gas ratio and resulted higher cost
- Accessories Loss: high voltage and high pulse peak value bring serious heating to torch, and high cost of accessories and shorter service life.



Megmeet Quick Pulse Technology(QPT)

- Welding speed is faster and welding speed is increased by 20%, compared with conventional pulse;
- Short arc length, good stiffness, strong anti-interference ability, more suitable for high-speed welding of medium and thick plates, supporting concentrated arc energy and better penetration;
- Low arc heat input increases service life of accessories;
- Wide voltage range, strong welding adaptability, simpler operation, more popular by welders.



AC MIG



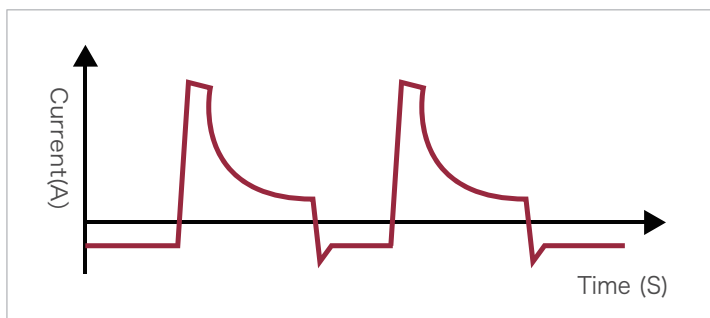
AC Pulse

Accurate and fast switching of pulse polarity is achieved by Megmeet patented algorithm, which integrates high speed&high efficiency of MIG welding with high quality of TIG welding, greatly optimizes welding production efficiency and welding quality.



Welding Features:

- High inverter frequency, more stable arc, higher precision;
- With unique negative stability algorithm, AC MIG is as stable as DC welding;
- Full-process heat input management, precise control of penetration depth, to be easily competent in high-quality welding of 0.5mm ultra-thin plates;
- By adjusting EN/EP ratio, wire melting speed can be dynamically regulated to realize higher deposition rate and higher welding efficiency;
- Gap tolerance is high and bridging ability is good, suitable for welding of large-gap lap joints and uneven gaps;
- Welding fume is greatly reduced without black smoke deposition on welding seam, and welding surface is more beautiful.



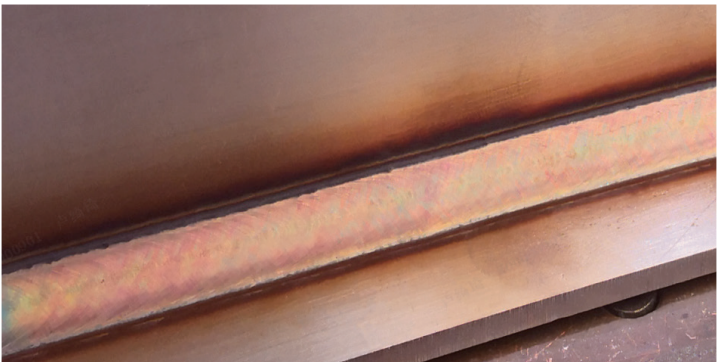
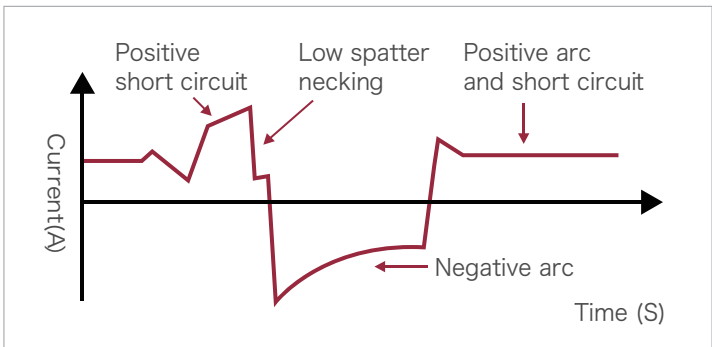


AC Short Circuit Transition

High-frequency hardware system working with Megmeet patented algorithm could accurately pre-judge droplet necking. Droplet transition instant polarity is switched to negative arc, and droplet flows freely into fusion pool, which fundamentally eliminates the generation of large-particle spatter and smoke, and ensures high-speed and high-quality welding.

Welding Features:

- High-speed and stable alternation of polarity, softer arc, 90% less spatter than traditional DC welding;
- Smooth droplet transition, small fluctuation in fusion pool, and weld shape is more delicate and beautiful;
- Gap tolerance is high and bridging ability is good, suitable for welding of large gaps and uneven gaps;
- Ultra-low heat input, to be easily competent in high-quality welding of 0.5mm ultra-thin plates
- Higher deposition efficiency and faster welding speed, and wire feeding speed is increased by 20% under the same current;
- Arc energy is low and dust amount during welding is small.



High-speed Intermittent Welding



DI Fusion

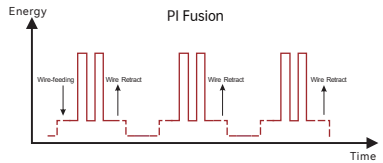
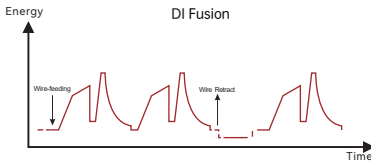


PI Fusion

DI Fusion(DC Intermittent Fusion) and PI Fusion(Pulse Intermittent Fusion), the welding duration and interval time alternate cyclically, enabling the formation of fish-scale weld beads without weaving.

Welding Features:

- The welding arc starts quickly, and ends sharply. The molten-pool can be formed fast, with extremely low heat input and deformation
- 2-3 times faster than traditional spot welding, while achieving clear-fish-scale welding appearance
- High tolerance over in-consistent cutting results. Very suitable for welding of gaps and at all-position
- Suitable for the bicycle industry where fish-scale results are requested for carbon steel
- PI is suitable for high-speed spot welding applications with plate thickness exceeding 3mm

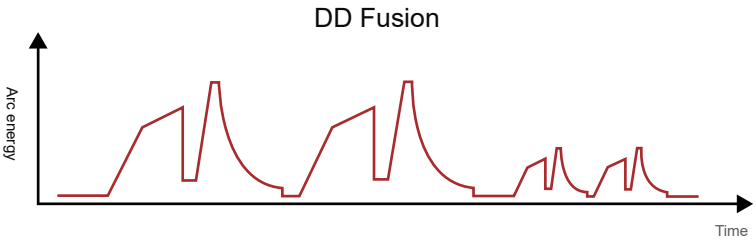


DD Fusion

By alternately switching between standard short-circuit transition and standard short-circuit transition processes, the base material is heated and cooled to form a periodic output, and clear fish-scale weld seams can be obtained without swinging.

Welding Features:

- The welding rhythm is fast, the energy intensity is obvious, and the fish-scale pattern is clear.

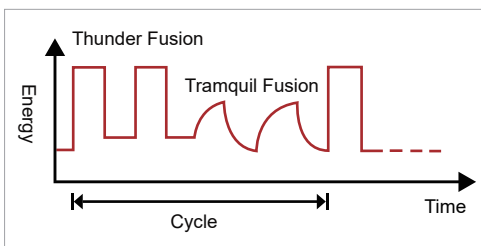


DP Fusion

Using short-circuit and pulse welding waveform together but at high-frequency and stable alternate switching. Welding arc periodically heats and cools the base material, and effectively reduces heat-input. It is a welding method that combines short-circuit and pulse transfer, which requires precise control of welding power source and waveform

Welding Features:

- Highly applicable for vertical-up welding without weaving
- Highly suitable for full-position welding of plates over 2.5 mm, especially with robotics and welding automation
- More precise control of heat-input and welding formation. The internal expert menu is highly open for configuration, and enables precisely control of the parameters such as the alternating frequency, duty cycle, peak value and base value
- Obvious changes in energy. Fast in welding cycle. Achieving clear fish-scale results even in carbon steel and stainless steel





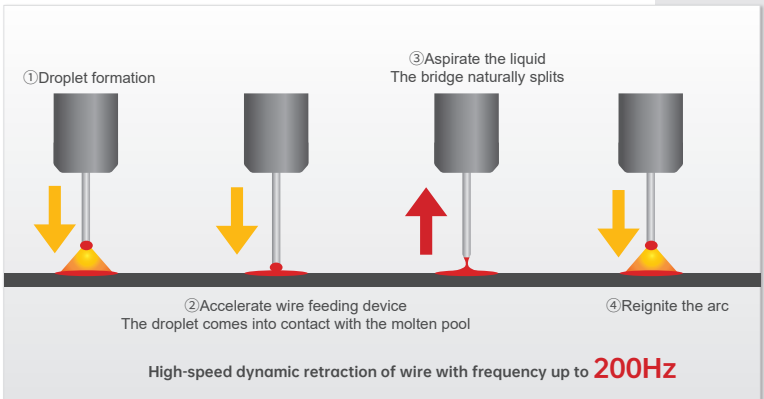
RDT

Retract Droplet Transfer

Servo retraction controls droplet transfer through precise synergy between high-performance intelligent welding power source and high-precision multi-motor wire feeder. This technology precisely monitors every instantaneous dynamic of droplet transfer.

Welding Features:

- Ultra-thin plate welding: Suitable for welding ultra-thin plates of 0.3mm and thin plates within 2mm, with good forming and small deformation
- Low heat input: High efficiency and good forming
- Large gap bridging capacity :2mm aluminum alloy plate with a 2.5mm lap gap
- Minimal welding deformation: Low heat input, minimal welding deformation, and small post-weld shaping workload
- Fast welding: Under the same welding conditions and weld quality requirements, the welding speed is faster



Artsen2 CM500C

Full-Digital Carrier-wave Welding Machine

It is designed for ultra-long-distance welding applications in ships, Marine engineering, steel structures, etc



Standard DC



Carrier-wave Technology



RFID



USB Upgrade



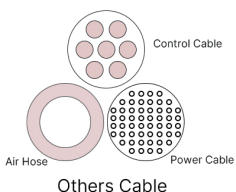
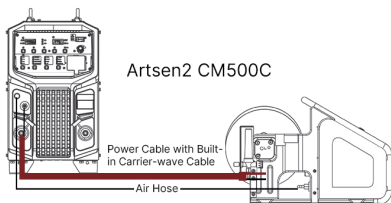
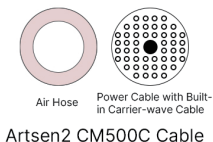
SMARC IOT



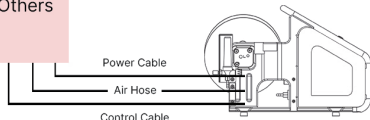
□ 500A@100%



For More Details



Others



Ehave2 CM Series

CO₂/MIG/MAG/DC TIG/MMA/
Carbon Arc Gouging All-in-one Machine



Standard DC



MMA



CAC-A



TIG



Fast Mode Weld



CS/SUS



RFID



USB Upgrade



SMARC IOT

350A@100%

500A@100%

630A@100%



Ehave2 CM
350B/500B/630B

Standard DC

MMA(VRD)

CAC-A

CS

RFID Card Linking

USB Upgrade

SMARC IOT(Optional)



For More Details

Ehave2 CM
350M/500M/630M

Standard DC

MMA(VRD)

CAC-A

TIG

Fast Mode Weld

CS

SUS

RFID Card Linking

USB Upgrade

SMARC IOT(Optional)

Artsen3 Series

CO₂/MAG/MIG/TIG/MMA All-in-one Machine



Standard DC



Pulse MIG/MAG



DI Fusion



PI Fusion



DP Fusion



MMA



CAC-A



TIG



Fast Mode Weld



CS/SUS/Al



RFID



USB Upgrade



SMARC IOT

400A@100%

500A@60%



Artsen3 400D/500D

Standard DC

DI Fusion

PI Fusion

CS

SUS

MMA

CAC-A

TIG

Fast Mode Weld

RFID Card Linking

USB Upgrade

SMARC IOT(Optional)

Artsen3 400P/500P

Standard DC

Pulse MIG/MAG

DI Fusion

PI Fusion

DP Fusion

CS

SUS

MMA

CAC-A

TIG

Fast Mode Weld

RFID Card Linking

USB Upgrade

SMARC IOT(Optional)

Artsen3 400Q/500Q

Standard DC

Pulse MIG/MAG

DI Fusion

PI Fusion

DP Fusion

CS

SUS

AL

MMA

CAC-A

TIG

Fast Mode Weld

RFID Card Linking

USB Upgrade

SMARC IOT(Optional)



For More Details

Dex Series

CO₂/MIG/MAG Compact&Decompact Welding Machine



Standard DC



Low Spatter



Pulse MIG/MAG



QPT



CS/SUS/AL

207A@100%

250A@60%



Compact



Decompact

Dex DM3000
Dex DM3000S

Standard DC

Low Spatter

CS

SUS

Dex PM3000
Dex PM3000S

Standard DC

Low Spatter

Pulse MIG/MAG

CS

SUS

AL

Dex PM3000Q
Dex PM3000QS

Standard DC

Low Spatter

Pulse MIG/MAG

QPT

CS

SUS

AL

Metal Powder Core



For More Details

Dex2 L Series

Multi-functional Super-low Spatter Welding Machine



Standard DC



Pulse MIG/MAG



QPT



Super-low Spatter



DI Fusion



PI Fusion



DD Fusion



DP Fusion



CS/SUS/AL



USB Upgrade



SMARC IOT

350A@60%

350A@100%

500A@30%



Dex2 350LD/350LHD/500LD

Standard DC

Super-low Spatter

CS

USB Upgrade

SMARC IOT(Optional)



Dex2 350LP/350LHP/500LP

Standard DC

Super-low Spatter

Pulse MIG/MAG

QPT

DI Fusion

PI Fusion

DD Fusion

DP Fusion

CS

SUS

USB Upgrade

SMARC IOT(Optional)

Dex2 350LQ/350LHQ/500LQ

Standard DC

Super-low Spatter

Pulse MIG/MAG

QPT

DI Fusion

PI Fusion

DD Fusion

DP Fusion

CS

SUS

AL

USB Upgrade

SMARC IOT(Optional)



For More Details

Dex2 M Series

Multi-functional Low Spatter Welding Machine



Standard DC



Pulse MIG/MAG



Low Spatter



QPT



DI Fusion



PI Fusion



DD Fusion



DP Fusion



CS/SUS/AL



USB Upgrade



SMARC IOT

350A@100%

500A@100%



Dex2 350MD/500MD

Standard DC

Low Spatter

CS

USB Upgrade

SMARC IOT(Optional)

Dex2 350MP/500MP

Standard DC

Low Spatter

Pulse MIG/MAG

QPT

DI Fusion

PI Fusion

DD Fusion

DP Fusion

CS

SUS

USB Upgrade

SMARC IOT(Optional)

Dex2 350MQ/500MQ

Standard DC

Low Spatter

Pulse MIG/MAG

QPT

DI Fusion

PI Fusion

DD Fusion

DP Fusion

CS

SUS

AL

USB Upgrade

SMARC IOT(Optional)



For More Details

Dex2 Ultra 400AC

Expert Welding $\leq 1\text{mm}$ Al AC-MIG Welding Machine



Standard DC



Super-low Spatter



Pulse MIG/MAG



QPT



AC MIG



DI Fusion



PI Fusion



DD Fusion



DP Fusion



CS/SUS/AL



USB Upgrade



SMARC IOT

DC

350A@100%

380A@60%

AC

315A@100%

350A@60%



Dex2 Ultra 400AC

Standard DC

Super-low Spatter

Pulse MIG/MAG

QPT

DI Fusion

PI Fusion

AC MIG

DD Fusion

DP Fusion

CS

SUS

AL

USB Upgrade

SMARC IOT(Optional)



For More Details

Artsen Plus

Intelligent Platform-type Welding Machine



Standard DC



Super-low Spatter



Pulse MIG/MAG



Short Arc Pulse



DI Fusion



PI Fusion



DD Fusion



DP Fusion



CS/SUS/AL



USB Upgrade



SMARC IOT

350A@60%

400A@100%

500A@60%

Artsen Plus 350D/400D/500D

Standard DC

Super-low Spatter

Short Arc Pulse

CS

SUS

USB Upgrade

SMARC IOT(Optional)

Artsen Plus 350P/400P/500P

Standard DC

Super-low Spatter

Pulse MIG/MAG

Short Arc Pulse

CS

SUS

USB Upgrade

SMARC IOT(Optional)



Artsen Plus 350Q/400Q/500Q

Standard DC

Super-low Spatter

Pulse MIG/MAG

Short Arc Pulse

DI Fusion

PI Fusion

DD Fusion

DP Fusion

CS

SUS

AL

USB Upgrade

SMARC IOT(Optional)



For More Details

Artsen Pro

CO₂/MAG/MIG Short Arc Pulse Welding Machine



Standard DC



Low Spatter



Pulse MIG/MAG



Short Arc Pulse



DI Fusion



PI Fusion



DD Fusion



DP Fusion



CS/SUS/AL



USB Upgrade



SMARC IOT

350A@60%

400A@100%

500A@60%

500A@100%

Artsen Pro 350D/400D/500D/500HD

Standard DC

Low Spatter

CS

SUS

USB Upgrade

SMARC IOT(Optional)

Artsen Pro 350P/400P/500P/500HP

Standard DC

Low Spatter

Pulse MIG/MAG

Short Arc Pulse

CS

SUS

USB Upgrade

SMARC IOT(Optional)



Artsen Pro 3 50Q/400Q/500Q/500HQ

Standard DC

Low Spatter

Pulse MIG/MAG

Short Arc Pulse

DI Fusion

PI Fusion

DD

DP Fusion

CS

SUS

AL

USB Upgrade














SMARC IOT(Optional)



For More Details

Artsen Mate

RDT Cold Transition High-speed Servo Arc

-  Standard DC
-  Super-low Spatter
-  Pulse MIG/MAG
-  Short Arc Pulse
-  DI Fusion
-  PI Fusion
-  DD Fusion
-  DP Fusion
-  RDT
-  CS/SUS/AL
-  RFID
-  USB Upgrade
-  SMARC IOT

320A@40%

400A@60%



For More Details



DP

Artsen Mate 320DP/400DP

| | |
|---------------------|-------------------|
| Standard DC | Super-low Spatter |
| Pulse MIG/MAG | Short Arc Pulse |
| DI Fusion | PI Fusion |
| DD Fusion | DP Fusion |
| CS | SUS |
| RFID Card Linking | USB Upgrade |
| SMARC IOT(Optional) | |

Q

Artsen Mate 320Q/400Q

| | |
|---------------------|-------------------|
| Standard DC | Super-low Spatter |
| Pulse MIG/MAG | Short Arc Pulse |
| DI Fusion | PI Fusion |
| DD Fusion | DP Fusion |
| CS | SUS |
| AL | |
| RFID Card Linking | USB Upgrade |
| SMARC IOT(Optional) | |

DP RDT

Artsen Mate 320DP RDT/400DP RDT

| | |
|---------------|-------------------|
| Standard DC | Super-low Spatter |
| Pulse MIG/MAG | Short Arc Pulse |
| DI Fusion | PI Fusion |
| DD Fusion | DP Fusion |
| RDT | |

| | |
|----|-----|
| CS | SUS |
|----|-----|

| | |
|---------------------|-------------|
| RFID Card Linking | USB Upgrade |
| SMARC IOT(Optional) | |

Q RDT

Artsen Mate 320Q RDT/ 400Q RDT

| | |
|---------------|-------------------|
| Standard DC | Super-low Spatter |
| Pulse MIG/MAG | Short Arc Pulse |
| DI Fusion | PI Fusion |
| DD Fusion | DP Fusion |
| RDT | |

| | |
|----|-----|
| CS | SUS |
| AL | |

| | |
|---------------------|-------------|
| RFID Card Linking | USB Upgrade |
| SMARC IOT(Optional) | |

Artsen Max

SYNC TWIN System with Double Welding Machine



Standard DC



Pulse MIG/MAG



DI Fusion



PI Fusion



DD Fusion



DP Fusion



RDT



Synergic Twin



CS/SUS/AL



RFID



USB Upgrade



SMARC IOT

500A@100%

600A@60%



DP

Artsen Max 500DP/600DP

| | |
|-------------|---------------|
| Standard DC | Pulse MIG/MAG |
| DI Fusion | PI Fusion |
| DD Fusion | DP Fusion |

| | |
|----|-----|
| CS | SUS |
|----|-----|

| | |
|---------------------|-------------|
| RFID Card Linking | USB Upgrade |
| SMARC IOT(Optional) | |



Q

Artsen Max 500Q/600Q

| | |
|-------------|---------------|
| Standard DC | Pulse MIG/MAG |
| DI Fusion | PI Fusion |
| DD Fusion | DP Fusion |

| | |
|----|-----|
| CS | SUS |
| AL | |

| | |
|---------------------|-------------|
| RFID Card Linking | USB Upgrade |
| SMARC IOT(Optional) | |

DP RDT

Artsen Max 500DP RDT/600DP RDT

| | |
|-------------|---------------|
| Standard DC | Pulse MIG/MAG |
| DI Fusion | PI Fusion |
| DD Fusion | DP Fusion |
| RDT | |

| | |
|----|-----|
| CS | SUS |
|----|-----|

| | |
|---------------------|-------------|
| RFID Card Linking | USB Upgrade |
| SMARC IOT(Optional) | |

Q RDT

Artsen Max 500Q RDT/600Q RDT

| | |
|-------------|---------------|
| Standard DC | Pulse MIG/MAG |
| DI Fusion | PI Fusion |
| DD Fusion | DP Fusion |
| RDT | |

| | |
|----|-----|
| CS | SUS |
| AL | |

| | |
|---------------------|-------------|
| RFID Card Linking | USB Upgrade |
| SMARC IOT(Optional) | |



For More Details

MetaTig Series

DC/ACDC TIG Welding Machine



DC TIG



AC TIG



Pulse TIG



Spot Welding



MMA



USB Upgrade



SMARC IOT

315A@100%

400A@100%

500A@40%

DC

MetaTig 315/400/500DC

DC

DC-PULSE

Spot Welding

MMA

CS

SUS

AL

USB Upgrade

SMARC IOT(Optional)

315A@100%

500A@60%

350A@60%

500A@100%

AC

MetaTig 315/400ACDC MetaTig 500ACDCHW/500ACDCHWL

DC

DC-PULSE

AC

AC-PULSE

AC-DC PULSE

Spot Welding

MMA

CS

SUS

AL

Spot Welding

USB Upgrade

SMARC IOT(Optional)



For More Details

SA Series

Submerged Arc Welding Machine



SAW



CAC-A



MMA



RFID



USB Upgrade



SMARC IOT

630A@100%

1000A@100%

1250A@100%



For More Details



ST Series

Carbon Arc Gouging Welding Machine



CAC-A



MMA



VRD



RFID



USB Upgrade



SMARC IOT

1000A@100%

1250A@100%



For More Details



ST2 Series



MMA Welding Machine



MMA



CAC-A



VRD



RFID



USB Upgrade



SMARC IOT

400A@60%

500A@60%

630A@100%



For More Details



Handheld Laser LUX Series

Air-cooled Handheld Fiber Laser Welding Machine



For More Details



| Product Models | LUX-800 | LUX-1200 |
|--------------------------|---------------------------|---------------------------|
| Rated Input Voltage (AC) | Single Phase 230V 50/60Hz | Single Phase 230V 50/60Hz |
| Rated Input Power | 2.8kW | 4kW |
| Rated Output Laser Power | 0.8kW | 1.2kW |
| Output Laser Wavelength | 1080±10nm | 1080±10nm |
| Cable length | 5m | 5m |
| Working Method | Continuous/Pulse | Continuous/Pulse |

Handheld Laser LUX Series

Welding/Cutting/Rust Removal/Weld Seam Cleaning



| Product Models | LUX-1500 | LUX-2000 | LUX-3000 |
|--------------------------|---|---|---|
| Rated Input Voltage (AC) | Single Phase 220V 50/60Hz | Single Phase 220V 50/60Hz | Three phase 380V 50/60Hz |
| Rated Input Power | 6kW | 8kW | 12kW |
| Rated Output Laser Power | 1.5kW | 2kW | 3kW |
| Output Laser Wavelength | 1080±10nm | 1080±10nm | 1080±10nm |
| Cable length | It comes standard with 10m can be extended to 15m | It comes standard with 10m can be extended to 15m | It comes standard with 10m can be extended to 15m |
| Working Method | Continuous/Pulse | Continuous/Pulse | Continuous/modulation |

Handheld Laser LUX Series

Professional Cleaning



| Product Models | LUX-1500C | LUX-2000C | LUX-3000C |
|--------------------------|--|--|--|
| Clean The Material | Surface rust/paint/rust | Surface rust/paint/rust | Surface rust/paint/rust |
| Rated Input Voltage (AC) | Single Phase 220V 50/60Hz | Single Phase 220V 50/60Hz | Three phase 380V 50/60Hz |
| Rated Input Power | 6kW | 8kW | 12kW |
| Rated Output Laser Power | 1.5kW | 2kW | 3kW |
| Output Laser Wavelength | 1080±10nm | 1080±10nm | 1080±10nm |
| Cable length | It comes standard with 10m can be extended to 20m | It comes standard with 10m can be extended to 20m | It comes standard with 10m can be extended to 20m |



For More Details

RAY Series

Robotic Laser

Single-wire Robotic Welding System



Dual-wire Robotic Welding System



| Machine Models | RAY-1500R/X-1500DR | RAY2000R/RAY-2000DR | RAY-3000R/RAY-3000DR |
|----------------------------|---------------------------|---------------------------|--------------------------|
| Rated Input Voltage (AC) | Single Phase 220V 50/60Hz | Single Phase 220V 50/60Hz | Three phase 380V 50/60Hz |
| Rated Input Power | 6.6KW | 9.5KW | 12KW |
| Rated Input Current | 32A | 40A | 22A |
| Maximum Laser Output Power | 1.5kW | 2kW | 3kW |
| Output Laser Wavelength | 1080±10nm | 1080±10nm | 1080±10nm |



For More Details

Robotic **and** Automatic Welding

- Analog Communication
- DeviceNet Communication
- Ethernet/IP Communication
- EtherCAT Communication
- ProFiNet Communication
- CANopen Communication
- MEGMEET CAN Communication

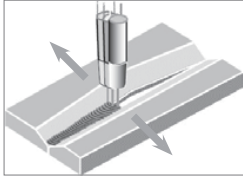
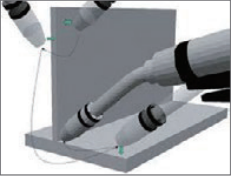


The "embedded" communication box design allows for flexible selection of multiple communication methods.



Functions of Robot Arc Welding

- Touch sensing with high voltage (54V)
- Thru-Arc Seam Tracking (TAST)
- Multi-layer and multi-pass welding

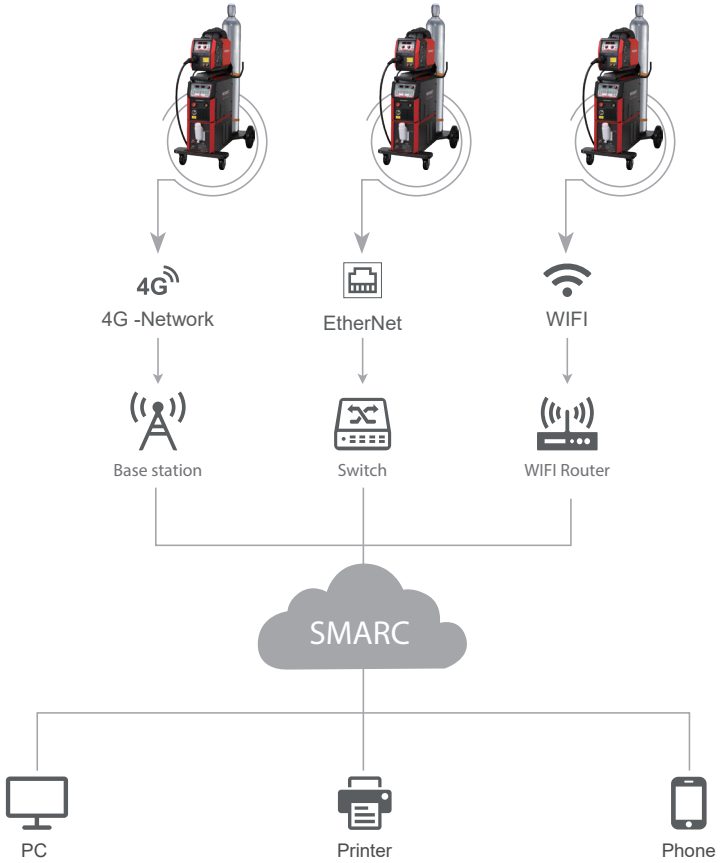


Smart Compensation for Extra Long Cables

- Correction of welding parameters P23 (on)
- Compensation for resistance
- Compensation for inductance
- Smart compensation ensures more stabilized welding
- Particularly suitable for welding large-sized workpiece



SMARC



Smart Welding Manufacturing and Solutions



SMARC Informatization and IoT Solution for Smart Welding Manufacturing

Supporting Smart Manufacturing for the Industries.

1

Equipment Management

- Status Monitoring
- Parameter Monitoring
- Location Monitoring
- Welder Status Monitoring
- Workshop Dashboard
- Data Cockpit

2

Warning Management:

- Warning Info
- Defect Info
- Warning Record
- Warning Classification
- Statistics & Analysis
- Solution & Supports

3

Personnel Management:

- Team Management
- Registration
- Qualification
- Record by Personnel
- Statistics by Personnel
- Check-in

4

Production Management:

- Organization
- Utilization report
- Personnel efficiency report
- Wire consumption report
- Gas consumption report
- Production trend report

5

WPS Management:

- Welding Resources
- Workpieces
- WPS
- WPS Activating
- Production Regulation Activating
- Amperage Limits

6

Consumable Management:

- Incoming
- Outcoming

SMARC

Informationization Cloud Platform
for Intelligent Welding





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