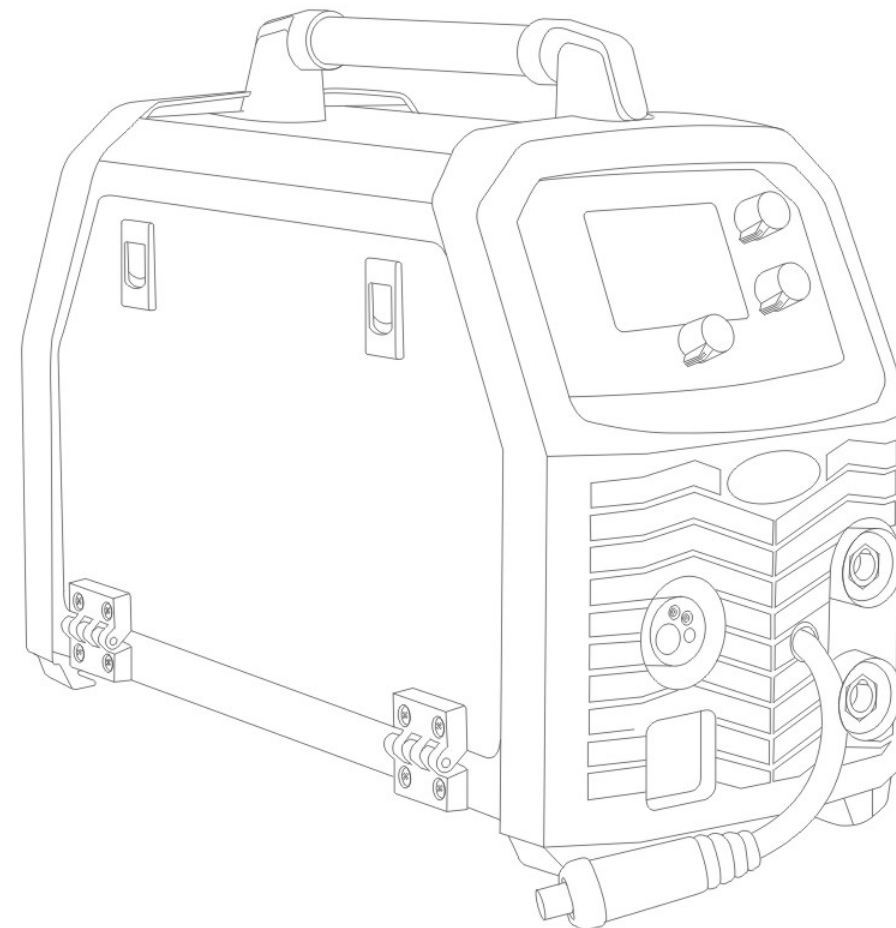




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LISSAM WELDING

Easy Welding More Result



ZHEJIANG LISSAM WELDING EQUIPMENT CO.,LTD
LISSAM(ZHUJI) SUPPLY CHAIN MANAGEMENT CO.,LTD

Tel:0086- 575-87012323
Fax:0086-575-87266559
[Http://www.lissam.com](http://www.lissam.com)
E-mail:lissam@vip. 163.com



ZHEJIANG LISSAM WELDING EQUIPMENT CO.,LTD
LISSAM(ZHUJI) SUPPLY CHAIN MANAGEMENT CO.,LTD

About us

As a professional exporter and manufacturer of Welding/Cutting products in China, LISSAM Welding Equipment Co.,Ltd has a complete line of Welding Machine, Welding Accessories, Gas Equipment, Welding Consumables, Safety Products, Abrasives, etc.

LISSAM has been in Welding/Cutting field since 1999. We keep good and steady business relation with more than 150 factories. Beyond that, We have our own factories for Welding machine, MIG/TIG Torches and Spare Parts, Cable Connectors and Magnetic Square. Our products are with high quality, good price and are exported to more than 50 countries, including U.K. The Netherlands, Germany, Poland, Australia, USA, Brazil, Argentina, Bolivia, Mexico, Korea, Malaysia, India, Pakistan, Morocco, Nigeria and so on.

Do hope that you can take a minute to view our products, get to know us. So we can have the opportunity to supply our competitive products to you, and build a good, long term business relationship with your company.

LISSAM WELDING LISSAM WELDING MACHINE

ZHEJIANG LISSAM
WELDING EQUIPMENT CO.,LTD

LISSAM



MMA

SMAW(MMA) WELDING MACHINE



The introduction of functions for MMA welder:

ANTI-STICK – it is a short circuit function. In the event of a welder error during welding or "sticking" electrodes to the welded material decreases the value of the welding current, which at the same time facilitates the removal of the electrode.

ARC FORCE – it is a function to facilitate the driving and maintenance of the electric arc. In addition, it allows to obtain a small amount of spatter.

HOT START – it is a function facilitating the initiation of an electric arc. At the moment of contact of the electrode with the welded material, there is a momentary increase of the welding current above the set value, which facilitates ignition of the electric arc.

VRD – it is a function to reduce the output voltage to a safe level when the device is not working, but is connected to the power supply.

MMA SERIES

MMA-120MINI



- ARC FORCE
- HOT START
- ANTI STICK

Voltage	230V/50 Hz
Welding current	120 A
Duty cycle	60%
Electrode ϕ	1.6 - 3.2

MMA-160



- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG LIFT

Voltage	230V/50 Hz
Welding current	160 A
Duty cycle	60%
Electrode ϕ	1.6 - 4.0

MMA-160LED



- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG LIFT

Voltage	230V/50 Hz
Welding current	160 A
Duty cycle	60%
Electrode ϕ	1.6 - 4.0

MMA-160LCD



- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG LIFT

Voltage	230V/50 Hz
Welding current	160 A
Duty cycle	60%
Electrode ϕ	1.6 - 4.0

MMA-200



- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG LIFT

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Electrode ϕ	1.6 - 5.0

MMA-200LED



- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG LIFT

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Electrode ϕ	1.6 - 5.0

MMA SERIES

MMA-200LCD



- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG LIFT

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Electrode ϕ	1.6 - 5.0

MMA SERIES

MMA-250P



- Pulse MMA mode
- Traditional MMA mode
- Pulse and conventional Lift TIG mode
- Dual digital display
- Electrode type selector, especially for Cellulose type
- VRD function
- Adjustable arc Force; Hot Start; Peak current; Pulse duration; Pulse frequency

Voltage	230V/50 Hz
Welding current	220 A
Duty cycle	60%
Electrode ϕ	1.6 - 5.0

MMA-250P LED



- Pulse MMA mode
- Traditional MMA mode
- Pulse and conventional Lift TIG mode
- Dual digital display
- Electrode type selector, especially for Cellulose type
- VRD function
- Adjustable arc Force; Hot Start; Peak current; Pulse duration; Pulse frequency

Voltage	230V/50 Hz
Welding current	220 A
Duty cycle	60%
Electrode ϕ	1.6 - 5.0

MMA-250



- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG LIFT

Voltage	230V/50 Hz
Welding current	220 A
Duty cycle	60%
Electrode ϕ	1.6 - 5.0

MMA-250LED



- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG LIFT

Voltage	230V/50 Hz
Welding current	220 A
Duty cycle	60%
Electrode ϕ	1.6 - 5.0

MMA-250LCD



- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG LIFT

Voltage	230V/50 Hz
Welding current	220 A
Duty cycle	60%
Electrode ϕ	1.6 - 5.0

MMA-300



- ARC FORCE
- HOT START
- ANTI STICK

Voltage	400V/50 Hz
Welding current	300 A
Duty cycle	60%
Electrode ϕ	1.6 - 6.0

MMA-400



- ARC FORCE
- HOT START
- ANTI STICK

Voltage	400V/50 Hz
Welding current	400 A
Duty cycle	60%
Electrode ϕ	1.6 - 6.0

MMA-500



- ARC FORCE
- HOT START
- ANTI STICK

Voltage	400V/50 Hz
Welding current	500 A
Duty cycle	60%
Electrode ϕ	1.6 - 6.0

TIG DC | AC/DC

GTAW(TIG) WELDING MACHINE



The introduction of functions for TIG DC | AC/DC welder:

HF—on-contact arc initiation system, used in TIG welders and plasma cutters. The ignition of the electric arc does not require physical contact of the electrode with the welded material.

PULSE—a function for welding with variable current. The welding current passes from the upper to the lower value at a specified, adjustable frequency.

2T / 4T – functions changing the "behavior" of the device after pressing the start welding button on the handle.

2T—pressing the control button starts work and releasing the button ends work.

4T—pressing and then releasing the button starts work, another press and release ends work.

AC – AC welding is used to connect elements made of aluminium and its alloys or magnesium. Semi-positive wave allows to penetrate the top layer of oxides, but it heats the electrode. In contrast, the half-wave negative, which is accompanied by a drop in electrode temperature and heat flow to the welded element, promotes deeper penetration of the arc.

DC – Current polarization is constant. Thanks to this, DC welding allows for easier arc guidance, ensures clean, smooth and spatter-free welding. Used for welding black and stainless steel

TIG DC | AC/DC SERIES

TIG-160HF



- 2T-4T
- MMA Welding
- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG LIFT
- POST GAS PRE GAS

Voltage	230V/50 Hz
Welding current	160 A
Duty cycle	60%
No load voltage	55V

TIG-200HF LED



- 2T-4T
- MMA Welding
- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG LIFT
- POST GAS PRE GAS

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
No load voltage	56V

TIG-250HF LED



- 2T-4T
- MMA Welding
- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG LIFT
- POST GAS PRE GAS

Voltage	230V/50 Hz
Welding current	230 A
Duty cycle	60%
No load voltage	56V

TIG-200Cold



- 2T-4T
- MMA Welding
- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- COLD welding
- POST GAS PRE GAS

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
No load voltage	56V

TIG-250Cold



- 2T-4T
- MMA Welding
- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- COLD welding
- POST GAS PRE GAS

Voltage	230V/50 Hz
Welding current	230 A
Duty cycle	60%
No load voltage	56V

TIG-200P AC/DC



- AC/DC
- PULSE
- 2T/4T
- BI-LEVEL
- REGULATION OF DELETING FORCE
- SPOT WELDING
- MMA Welding

Voltage	230V/50 Hz
Welding current	230 A
Duty cycle	60%
No load voltage	56V

TIG DC I AC/DC SERIES

TIG-202P AC/DC



- AC/DC
- PULSE
- 2T/4T
- BI-LEVEL
- REGULATION OF DELETING FORCE
- SPOT WELDING
- MMA Welding

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
No load voltage	60V

TIG-250P AC/DC



- AC/DC
- PULSE
- 2T/4T
- BI-LEVEL
- REGULATION OF DELETING FORCE
- SPOT WELDING
- MMA Welding

Voltage	230V/50 Hz
Welding current	250 A
Duty cycle	60%
No load voltage	60V

TIG-315P AC/DC



- AC/DC
- PULSE
- 2T/4T
- BI-LEVEL
- REGULATION OF DELETING FORCE
- SPOT WELDING
- MMA Welding

Voltage	400V/50 Hz
Welding current	315 A
Duty cycle	60%
No load voltage	70V

TIG-350P AC/DC



- AC/DC
- PULSE
- 2T/4T
- BI-LEVEL
- REGULATION OF DELETING FORCE
- SPOT WELDING
- MMA Welding

Voltage	400V/50 Hz
Welding current	350 A
Duty cycle	60%
No load voltage	70V

TIG DC I AC/DC SERIES

TIG-400P AC/DC



- choice of AC waveform (4 options)
- digital processing of AC wave
- frequency regulation in AC
- adjustment of polarization balance in AC
- regulation of gas outflow time before and after welding
- adjustment of the welding current rise and fall time
- adjustment of the welding current peak value
- adjustment of initial and final current
- 2T/4T function
- PULSE function
- ARC FORCE function
- HOT START function
- built-in memory function
- LED display with control panel
- possibility to work with remote foot control

Voltage	400V/50 Hz
Welding current	400 A
Duty cycle	60%
No load voltage	70V

TIG-500P AC/DC



- choice of AC waveform (4 options)
- digital processing of AC wave
- frequency regulation in AC
- adjustment of polarization balance in AC
- regulation of gas outflow time before and after welding
- adjustment of the welding current rise and fall time
- adjustment of the welding current peak value
- adjustment of initial and final current
- 2T/4T function
- PULSE function
- ARC FORCE function
- HOT START function
- built-in memory function
- LED display with control panel
- possibility to work with remote foot control

Voltage	400V/50 Hz
Welding current	500 A
Duty cycle	60%
No load voltage	70V

MIG / MAG

GMAW(MIG/MAG) WELDING MACHINE



The introduction of functions for MIG/MAG welder:

SYNERGY – a software used in MIG–MAG devices to facilitate the correct setting of welding parameters.

NO–GAS – a function for welding with self–shielding wire.

SINGLE PULSE – a single pulse defines the function of the welding machine enabling welding with pulsed current, i.e. two types of current generated by the welding device. The first holds the electric arc and leads for melting metal and electrode. The second pulsed current is responsible for the correct flow of metal to the welding pond.

DOUBLE PULSE – it is the determination of the pulse welding function in this case, the level of current pulsation can be adjusted and the wire feed rate (the feeder is also involved in this process). Double pulse allows for a positive effect aesthetics and weld quality.

2T / 4T – functions changing the "behavior" of the device after pressing the start welding button on the handle.
2T – pressing the control button starts work and releasing the button ends work.
4T – pressing and then releasing the button starts work, another press and release ends work.

S2T – special two–stroke with the possibility of setting the value and duration of the initial current (hot start) and the value and duration of the final current (crater filling).

S4T – special four–stroke with the possibility of setting the value of initial current (hot start) and final current (crater filling). In this mode, the duration of these values is not set because they last as long as the trigger is pressed on the torch handle.

MIG / MAG SERIES

TRADITIONAL

MIG-130S



- HOBBY WIRE FEEDER USED FOR DIY MARKET
- REGULATED INDUCTANCE
- NO-GAS Welding • MMA Welding
- WIRE FAST FEEDING BUTTON

Voltage	230V/50 Hz
Welding current	120 A
Duty cycle	60%
Wire diameter	0.8 - 0.9
Spool size	Max. 1kg

MIG-170 MMA



- HOBBY WIRE FEEDER USED FOR DIY MARKET
- REGULATED INDUCTANCE
- GAS/NO-GAS Welding • MMA Welding
- WIRE FAST FEEDING BUTTON

Voltage	230V/50 Hz
Welding current	160 A
Duty cycle	60%
Wire diameter	0.6 - 0.8
Spool size	Max. 5kg

MIG-200 MMA



- HOBBY WIRE FEEDER USED FOR DIY MARKET
- REGULATED INDUCTANCE
- GAS/NO-GAS Welding • MMA Welding
- WIRE FAST FEEDING BUTTON

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 5kg

MIG-201 MMA



- GAS/NO-GAS Welding
- REGULATED INDUCTANCE
- REGULATED ARC FORCE
- TIG LIFT
- 2T/4T
- WIRE FAST FEEDING BUTTON

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 5kg

MIG-202 MMA



- GAS/NO-GAS Welding
- REGULATED INDUCTANCE
- REGULATED ARC FORCE
- WIRE FAST FEEDING BUTTON

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 5kg

MIG-203 MMA



- GAS/NO-GAS Welding
- REGULATED INDUCTANCE
- REGULATED ARC FORCE
- WIRE FAST FEEDING BUTTON

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 5kg

MIG / MAG SERIES

TRADITIONAL

MIG-204 MMA



- GAS/NO-GAS Welding
- REGULATED INDUCTANCE
- REGULATED ARC FORCE
- TIG LIFT
- 2T/4T
- WIRE FAST FEEDING BUTTON

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 5kg

MIG-205 MMA



- GAS/NO-GAS Welding
- REGULATED INDUCTANCE
- REGULATED ARC FORCE
- WIRE FAST FEEDING BUTTON

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 5kg

MIG-251/2 MMA



- GAS/NO-GAS Welding
- REGULATED INDUCTANCE
- REGULATED ARC FORCE
- WIRE FAST FEEDING BUTTON

Voltage	230-400V/50 Hz
Welding current	230 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 15kg

MIG-252/2 MMA



- GAS/NO-GAS Welding
- REGULATED INDUCTANCE
- REGULATED ARC FORCE
- WIRE FAST FEEDING BUTTON

Voltage	230-400V/50 Hz
Welding current	230 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 15kg

MIG-280 MMA



- REGULATED INDUCTANCE
- 4x4 WIRE FEEDER
- GAS/NO-GAS Welding
- 2T/4T function
- WIRE FAST FEEDING BUTTON

Voltage	400V/50 Hz
Welding current	280 A
Duty cycle	60%
Wire diameter	0.6 - 1.2
Spool size	Max. 15kg

MIG-330 MMA



- REGULATED INDUCTANCE
- 4x4 WIRE FEEDER
- GAS/NO-GAS Welding
- 2T/4T function
- WIRE FAST FEEDING BUTTON

Voltage	400V/50 Hz
Welding current	330 A
Duty cycle	60%
Wire diameter	0.6 - 1.2
Spool size	Max. 15kg

MIG-380 MMA



- REGULATED INDUCTANCE
- 4x4 WIRE FEEDER
- GAS/NO-GAS Welding
- 2T/4T function
- WIRE FAST FEEDING BUTTON

Voltage	400V/50 Hz
Welding current	380 A
Duty cycle	60%
Wire diameter	0.6 - 1.6
Spool size	Max. 15kg

MIG-281 MMA



- REGULATED INDUCTANCE
- 4x4 WIRE FEEDER
- GAS/NO-GAS Welding
- 2T/4T function
- WIRE FAST FEEDING BUTTON

Voltage	400V/50 Hz
Welding current	280 A
Duty cycle	60%
Wire diameter	0.6 - 1.2
Spool size	Max. 15kg

MIG-331 MMA



- REGULATED INDUCTANCE
- 4x4 WIRE FEEDER
- GAS/NO-GAS Welding
- 2T/4T function
- WIRE FAST FEEDING BUTTON

Voltage	400V/50 Hz
Welding current	330 A
Duty cycle	60%
Wire diameter	0.6 - 1.2
Spool size	Max. 15kg

MIG-381 MMA



- REGULATED INDUCTANCE
- 4x4 WIRE FEEDER
- GAS/NO-GAS Welding
- 2T/4T function
- WIRE FAST FEEDING BUTTON

Voltage	400V/50 Hz
Welding current	380 A
Duty cycle	60%
Wire diameter	0.6 - 1.6
Spool size	Max. 15kg

MIG / MAG SERIES

SYNERGIC

MIG-140 SYN



- SYNERGIC
- TIG LIFT Welding
- GAS/NO-GAS Welding • MMA Welding

Voltage	230V/50 Hz
Welding current	120 A
Duty cycle	60%
Wire diameter	0.8 - 0.9
Spool size	Max. 1kg

MIG-181 SYN LED



- SYNERGIC
- TIG LIFT Welding
- GAS/NO-GAS Welding • MMA Welding

Voltage	230V/50 Hz
Welding current	160 A
Duty cycle	60%
Wire diameter	0.6 - 0.8
Spool size	Max. 5kg

MIG-182 SYN LED



- SYNERGIC
- TIG LIFT Welding
- GAS/NO-GAS Welding • MMA Welding

Voltage	230V/50 Hz
Welding current	160 A
Duty cycle	60%
Wire diameter	0.6 - 0.8
Spool size	Max. 5kg

MIG-210 SYN LED



- SYNERGIC
- TIG LIFT Welding
- GAS/NO-GAS Welding • MMA Welding

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 5kg

MIG-211 SYN LED



- SYNERGIC
- TIG LIFT Welding
- GAS/NO-GAS Welding • MMA Welding

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 5kg

MIG-212 SYN LED



- SYNERGIC
- TIG LIFT Welding
- GAS/NO-GAS Welding • MMA Welding

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 5kg

MIG-183 SYN LED



- SYNERGIC
- TIG LIFT Welding
- GAS/NO-GAS Welding • MMA Welding

Voltage	230V/50 Hz
Welding current	160 A
Duty cycle	60%
Wire diameter	0.8 - 0.9
Spool size	Max. 5kg

MIG-184 SYN LED



- SYNERGIC
- TIG LIFT Welding
- GAS/NO-GAS Welding • MMA Welding

Voltage	230V/50 Hz
Welding current	160 A
Duty cycle	60%
Wire diameter	0.6 - 0.8
Spool size	Max. 5kg

MIG-185 SYN LED



- SYNERGIC
- TIG LIFT Welding
- GAS/NO-GAS Welding • MMA Welding

Voltage	230V/50 Hz
Welding current	160 A
Duty cycle	60%
Wire diameter	0.6 - 0.8
Spool size	Max. 5kg

MIG-213 SYN LCD



- Synergic mode and manual mode
- AUTOMATIC • GAS-FREE Welding
- function 2T/4T S4T/SPOT, ARC FORCE, HOT START, VRD
- MMA Welding • TIG LIFT • COLD Welding

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 5kg

MIG-214 SYN LCD



- SYNERGIC
- 2T/4T, VRD function
- MIG/MAG, MMA, TIG Lift welding

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 5kg

MIG-215 SYN LCD



- Synergic mode and manual mode
- AUTOMATIC • GAS-FREE Welding
- function 2T/4T S4T/SPOT, ARC FORCE, HOT START, VRD
- MMA Welding • TIG LIFT • COLD Welding

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 5kg

MIG / MAG SERIES

SYNERGIC

MIG-216 SYN LCD



- Synergic mode and manual mode
- adjustable inductance
- adjustable gas inflow time before and after welding
- adjustable welding time at spot welding
- adjustable voltage value
- function 2T/4T S4T/SPOT, ARC FORCE, HOT START, VRD
- cold-weld · fast-weld

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 5kg

MIG-217 SYN MMA



- Synergic mode and manual mode
- adjustable inductance
- adjustable gas inflow time before and after welding
- adjustable welding time at spot welding
- adjustable voltage value
- function 2T/4T / SPOT, ARC FORCE, HOT START, VRD

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Spool size	Max. 5kg

MIG / MAG SERIES

SYNERGIC

MIG-232/2 SYN LED



- Synergic mode and manual mode
- adjustable inductance
- 4x4 feeder
- 2T/4T / S4T / SPOT, VRD function
- adjustable HOT START function
- adjustable ARC FORCE function
- MIG/MAG, MMA, TIG Lift welding
- control of wire feeding speed
- possibility of welding with self-shielding wire

Voltage	230-400V/50 Hz
Welding current	230 A
Duty cycle	60%
Wire diameter	0.6 - 1.2
Spool size	Max. 15kg

MIG-234/2 SYN LED



MIG-233/2 SYN LCD



- Synergic mode and manual mode
- adjustable inductance
- 4x4 feeder
- function 2T/4T / S4T / SPOT, ARC FORCE, HOT START, VRD
- adjustable HOT START function
- adjustable ARC FORCE function
- MIG/MAG, MMA, TIG Lift welding
- control of wire feeding speed
- possibility of welding with self-shielding wire
- cold-weld · fast-weld

Voltage	230-400V/50 Hz
Welding current	230 A
Duty cycle	60%
Wire diameter	0.6 - 1.2
Spool size	Max. 15kg

- Synergic mode and manual mode
- adjustable inductance
- adjustable gas inflow time before and after welding
- adjustable welding time at spot welding
- adjustable voltage value
- function 2T/4T / SPOT, ARC FORCE, HOT START, VRD

Voltage	230-400V/50 Hz
Welding current	230 A
Duty cycle	60%
Wire diameter	0.6 - 1.2
Spool size	Max. 15kg

MIG / MAG SERIES

SYNERGIC

MIG-321 SYN LCD



- built-in ready synergy programmes
- manual settings
- adjustable inductance
- extensive MMA welding with additional functions
- solid 4X4 feeder
- 2T/4T/S4T/SPOT function
- MIG/MAG, MMA, TIG LIFT, Spot welding
- possibility of welding without gas
- cold-weld · fast-weld

Voltage	400V/50 Hz
Welding current	320 A
Duty cycle	60%
Wire diameter	0.6 - 1.2
Spool size	Max. 15kg

MIG-331 SYN LED



- built-in ready synergy programmes
- manual settings
- adjustable inductance
- extensive MMA welding with additional functions
- solid 4X4 feeder
- 2T/4T/S4T/SPOT function
- MIG/MAG, MMA, TIG LIFT, Spot welding
- possibility of welding without gas
- possibility of saving up to 30 programs

Voltage	400V/50 Hz
Welding current	330 A
Duty cycle	60%
Wire diameter	0.6 - 1.2
Spool size	Max. 15kg

MIG / MAG SERIES

SYNERGIC

MIG-304 SYN LED



- built-in ready synergy programmes
- manual settings
- adjustable inductance
- extensive MMA welding with additional functions
- solid 4X4 feeder
- 2T/4T/SPOT function
- MIG/MAG, MMA, TIG LIFT, Spot welding
- possibility of welding without gas

Voltage	400V/50 Hz
Welding current	300 A
Duty cycle	60%
Wire diameter	0.6 - 1.2
Spool size	Max. 15kg

MIG-354 SYN LED



- built-in ready synergy programmes
- manual settings
- adjustable inductance
- extensive MMA welding with additional functions
- solid 4X4 feeder
- 2T/4T/SPOT function
- MIG/MAG, MMA, TIG LIFT, Spot welding
- possibility of welding without gas

Voltage	400V/50 Hz
Welding current	350 A
Duty cycle	60%
Wire diameter	0.6 - 1.2
Spool size	Max. 15kg

MIG / MAG SERIES

SYNERGIC

MIG-351 SYN LCD



- built-in ready synergy programmes
- manual settings
- adjustable inductance
- extensive MMA welding with additional functions
- solid 4X4 feeder
- 2T/4T/S4T function
- ATC function
- MIG/MAG, MMA, TIG LIFT, Spot welding
- possibility of welding without gas
- possibility of saving up to 30 programs

Voltage	400V/50 Hz
Welding current	350 A
Duty cycle	60%
Wire diameter	0.6 - 1.2
Spool size	Max. 15kg



MIG / MAG SERIES

SYNERGIC

MIG-401W SYN LED



- built-in ready synergy programmes
- manual settings
- adjustable inductance
- extensive MMA welding with additional functions
- solid 4X4 feeder
- 2T/4T/S4T/SPOT function
- ATC function
- MIG/MAG, MMA, TIG LIFT, Spot welding
- possibility of welding without gas
- possibility of saving up to 30 programs

Voltage	400V/50 Hz
Welding current	400 A
Duty cycle	60%
Wire diameter	0.6 - 1.6
Spool size	Max. 15kg

MIG-402W SYN LCD



- built-in ready synergy programmes
- manual settings
- adjustable inductance
- extensive MMA welding with additional functions
- solid 4X4 feeder
- 2T/4T/S4T/SPOT function
- ATC function
- MIG/MAG, MMA, TIG LIFT, Spot welding
- possibility of welding without gas
- possibility of saving up to 30 programs
- cold-weld · fast-weld

Voltage	400V/50 Hz
Welding current	400 A
Duty cycle	60%
Wire diameter	0.6 - 1.6
Spool size	Max. 15kg

MIG / MAG SERIES

PULSE/SYNERGIC

MIG-200P SYN



- SINGLE AND DOUBLE PULSE
- SYNERGIC PROGRAMMES
- FUNCTIONS
- GAS-FREE Welding • MMA Welding • TIG LIFT

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 5kg

MIG-222DP SYN LCD



- SINGLE AND DOUBLE PULSE
- SYNERGIC PROGRAMMES
- FUNCTIONS • 2T/4T/S2T/S4T/SPOT
- GAS-FREE Welding • MMA Welding • TIG LIFT

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 5kg

MIG-224DP SYN LED



- SINGLE AND DOUBLE PULSE
- SYNERGIC PROGRAMMES
- FUNCTIONS • 2T/4T/S2T/S4T/SPOT
- GAS-FREE Welding • MMA Welding • TIG LIFT

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 5kg

MIG-232DP SYN LCD



- SINGLE AND DOUBLE PULSE
- SYNERGIC PROGRAMMES
- FUNCTIONS • 2T/4T/S2T/S4T/SPOT
- GAS-FREE Welding • MMA Welding • TIG LIFT

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 5kg

MIG-234DP SYN LED



- SINGLE AND DOUBLE PULSE
- SYNERGIC PROGRAMMES
- FUNCTIONS • 2T/4T/S2T/S4T/SPOT
- GAS-FREE Welding • MMA Welding • TIG LIFT

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 5kg

MIG-235DP LCD



- SINGLE AND DOUBLE PULSE
- SYNERGIC PROGRAMMES
- FUNCTIONS • 2T/4T/S2T/SPOT
- GAS-FREE Welding • MMA Welding • TIG LIFT

Voltage	230V/50 Hz
Welding current	200 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 5kg

MIG / MAG SERIES

PULSE/SYNERGIC

MIG-252/2DP SYN LCD



- MIG/MAG, MMA, TIG LIFT PULSE, SPOT welding
- single and double PULSE
- built-in synergy programmes
- adjustable gas outflow time
- adjustable start and end current duration
- adjustable welding time and break point
- adjustable value of initial and final current
- adjustable pulse rate
- adjustable pulstion balance
- adjustable amplitude of welding intensity
- correction of initial and final current voltage
- correction of the burning height of the wire after welding
- correction of the access speed of the wire
- correction of peak and base current voltage
- possibility to save 35 customized settings
- additional: 2T/4T/S2T/S4T, HOT START, ARC FORCE, VRD

Voltage	230-400V/50 Hz
Welding current	250 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 15kg

MIG-253/2DP SYN LCD



- MIG/MAG, MMA, TIG LIFT PULSE, SPOT welding
- single and double PULSE
- built-in synergy programmes
- adjustable gas outflow time
- adjustable start and end current duration
- adjustable welding time and break point
- adjustable value of initial and final current
- adjustable pulse rate
- adjustable pulstion balance
- adjustable amplitude of welding intensity
- correction of initial and final current voltage
- correction of the burning height of the wire after welding
- correction of the access speed of the wire
- correction of peak and base current voltage
- possibility to save 35 customized settings
- additional: 2T/4T/SPOT, HOT START, ARC FORCE, VRD

Voltage	230-400V/50 Hz
Welding current	250 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 15kg

MIG-254/2 DP SYN LED



- MIG/MAG, MMA, TIG LIFT PULSE, SPOT welding
- single and double PULSE
- built-in synergy programmes
- adjustable gas outflow time
- adjustable start and end current duration
- adjustable welding time and break point
- adjustable value of initial and final current
- adjustable pulse rate
- adjustable pulstion balance
- adjustable amplitude of welding intensity
- correction of initial and final current voltage
- correction of the burning height of the wire after welding
- correction of the access speed of the wire
- correction of peak and base current voltage
- possibility to save 35 customized settings
- additional: 2T/4T/S2T/S4T, HOT START, ARC FORCE, VRD

Voltage	230-400V/50 Hz
Welding current	250 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 15kg

MIG / MAG SERIES

PULSE/SYNERGIC

MIG-301DP LED



- single and double pulse
- synergic function and manual mode
- adjustable frequency and pulse balance
- adjustable inductance
- CuSi3-CuAl soldering
- built-in 35-channel memory
- 4X4 feeder
- function 2T/4T/S2T/S4T/SPOT, HOT START, ARC FORCE
- MIG/MAG, MMA PULSE, TIG LIFT PULSE, SPOT welding

MIG-302DP LCD



- single and double pulse
- synergic function and manual mode
- adjustable frequency and pulse balance
- adjustable inductance
- CuSi3-CuAl soldering
- built-in 35-channel memory
- 4X4 feeder
- function 2T/4T/S2T/S4T/SPOT, HOT START, ARC FORCE
- MIG/MAG, MMA PULSE, TIG LIFT PULSE, SPOT welding

Voltage	400V/50 Hz
Welding current	300 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 15kg

Voltage	400V/50 Hz
Welding current	300 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 15kg

MIG / MAG SERIES

PULSE/SYNERGIC

MIG-303DP LED



- single and double pulse
- synergic function and manual mode
- adjustable frequency and pulse balance
- adjustable inductance
- CuSi3-CuAl soldering
- built-in 35-channel memory
- 4X4 feeder
- function 2T/4T/S2T/S4T/SPOT, HOT START, ARC FORCE
- MIG/MAG, MMA PULSE, TIG LIFT PULSE, SPOT welding

Voltage	400V/50 Hz
Welding current	300 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 15kg

MIG-304DP LCD



- single and double pulse
- synergic function and manual mode
- adjustable frequency and pulse balance
- adjustable inductance
- CuSi3-CuAl soldering
- built-in 35-channel memory
- 4X4 feeder
- function 2T/4T/S2T/S4T/SPOT, HOT START, ARC FORCE
- MIG/MAG, MMA PULSE, TIG LIFT PULSE, SPOT welding

Voltage	400V/50 Hz
Welding current	300 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 15kg

MIG / MAG SERIES

PULSE/SYNERGIC

MIG-351DP LED



- single and double pulse
- synergic function and manual mode
- adjustable frequency and pulse balance
- adjustable inductance
- CuSi3-CuAl soldering
- built-in 35-channel memory
- 4X4 feeder
- function 2T/4T/S2T/S4T/SPOT, HOT START, ARC FORCE
- MIG/MAG, MMA PULSE, TIG LIFT PULSE, SPOT welding

MIG-352DP LCD



- single and double pulse
- synergic function and manual mode
- adjustable frequency and pulse balance
- adjustable inductance
- CuSi3-CuAl soldering
- built-in 35-channel memory
- 4X4 feeder
- function 2T/4T/S2T/S4T/SPOT, HOT START, ARC FORCE
- MIG/MAG, MMA PULSE, TIG LIFT PULSE, SPOT welding

Voltage	400V/50 Hz
Welding current	350 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 15kg

Voltage	400V/50 Hz
Welding current	350 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 15kg

MIG / MAG SERIES

PULSE/SYNERGIC

MIG-353DP LED



- single and double pulse
- synergic function and manual mode
- adjustable frequency and pulse balance
- adjustable inductance
- CuSi3-CuAl soldering
- built-in 35-channel memory
- 4X4 feeder
- function 2T/4T/S2T/S4T/SPOT, HOT START, ARC FORCE
- MIG/MAG, MMA PULSE, TIG LIFT PULSE, SPOT welding

Voltage	400V/50 Hz
Welding current	350 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 15kg

MIG-354DP LCD



- single and double pulse
- synergic function and manual mode
- adjustable frequency and pulse balance
- adjustable inductance
- CuSi3-CuAl soldering
- built-in 35-channel memory
- 4X4 feeder
- function 2T/4T/S2T/S4T/SPOT, HOT START, ARC FORCE
- MIG/MAG, MMA PULSE, TIG LIFT PULSE, SPOT welding

Voltage	400V/50 Hz
Welding current	350 A
Duty cycle	60%
Wire diameter	0.8 - 1.2
Spool size	Max. 15kg

MIG / MAG SERIES

PULSE/SYNERGIC

MIG-421W DP LED



- single and double pulse
- synergic function and manual mode
- adjustable frequency and pulse balance
- adjustable inductance
- CuSi3-CuAl soldering
- built-in 35-channel memory
- 4X4 feeder
- function 2T/4T/S2T/S4T, HOT START, ARC FORCE
- MIG/MAG, MMA PULSE, TIG LIFT PULSE, SPOT welding

Voltage	400V/50 Hz
Welding current	400 A
Duty cycle	60%
Wire diameter	0.8 - 1.6
Spool size	Max. 15kg

MIG-422W DP LCD



- single and double pulse
- synergic function and manual mode
- adjustable frequency and pulse balance
- adjustable inductance
- CuSi3-CuAl soldering
- built-in 35-channel memory
- 4X4 feeder
- function 2T/4T/S2T/S4T, HOT START, ARC FORCE
- MIG/MAG, MMA PULSE, TIG LIFT PULSE, SPOT welding

Voltage	400V/50 Hz
Welding current	400 A
Duty cycle	60%
Wire diameter	0.8 - 1.6
Spool size	Max. 15kg

MIG / MAG SERIES

PULSE/SYNERGIC

MIG-423W DP LED



- single and double pulse
- synergic function and manual mode
- adjustable frequency and pulse balance
- adjustable inductance
- CuSi3-CuAl soldering
- built-in 35-channel memory
- 4X4 feeder
- function 2T/4T/S2T/S4T, HOT START, ARC FORCE
- MIG/MAG, MMA PULSE, TIG LIFT PULSE, SPOT welding

Voltage	400V/50 Hz
Welding current	400 A
Duty cycle	60%
Wire diameter	0.8 - 1.6
Spool size	Max. 15kg

MIG-424W DP LCD



- single and double pulse
- synergic function and manual mode
- adjustable frequency and pulse balance
- adjustable inductance
- CuSi3-CuAl soldering
- built-in 35-channel memory
- 4X4 feeder
- function 2T/4T/S2T/S4T, HOT START, ARC FORCE
- MIG/MAG, MMA PULSE, TIG LIFT PULSE, SPOT welding

Voltage	400V/50 Hz
Welding current	400 A
Duty cycle	60%
Wire diameter	0.8 - 1.6
Spool size	Max. 15kg

MIG / MAG SERIES

PULSE/SYNERGIC

MIG-500 DP LED



- single and double pulse
- synergic function and manual mode
- adjustable frequency and pulse balance
- adjustable inductance
- ready-made programs (steel, aluminium, stainless steel)
- CuSi3-CuAl soldering
- built-in 35-channel memory
- 4X4 feeder
- integrated radiator
- function 2T/4T/S2T/S4T/SPOT, HOT START, ARC FORCE
- MIG/MAG, MMA PULSE, TIG LIFT PULSE, SPOT welding

Voltage	400V/50 Hz
Welding current	500 A
Duty cycle	60%
Wire diameter	0.8 - 1.6
Spool size	Max. 15kg



MIG / MAG SERIES

PULSE/SYNERGIC

MIG-500 DP LCD



- single and double pulse
- synergic function and manual mode
- adjustable frequency and pulse balance
- adjustable inductance
- ready-made programs (steel, aluminium, stainless steel)
- CuSi3-CuAl soldering
- built-in 35-channel memory
- 4X4 feeder
- integrated radiator
- function 2T/4T/S2T/S4T/SPOT, HOT START, ARC FORCE
- MIG/MAG, MMA PULSE, TIG LIFT PULSE, SPOT welding

Voltage	400V/50 Hz
Welding current	500 A
Duty cycle	60%
Wire diameter	0.8 - 1.6
Spool size	Max. 15kg



CUT | TIG | MIG MAG | MMA | FLUX

5 in 1 MULTI-FUNCTION WELDING MACHINE



The introduction of functions for 5 in 1 MULTI-FUNCTION WELDING MACHINE :

A powerful 5-in-1 inverter with 200 A and combines the TIG | MIG MAG | MMA | FLUX |welding processes and Plasma cutting in one device. The versatile multifunctional device also has an integrated 50 A plasma cutter, equipped with precise contact ignition for the best ignition properties. Depending on the material, the cutting capacity is up to 14 mm (mild steel ST37 up to 10 mm, V2A or V4A up to 7 mm, aluminum up to 4 mm). The welding parameters can be easily read on a clear digital display. The various modes can be set quickly using the intuitive menu. Equipped with the latest generation of IGBT technology, the versatile arc welder impresses with its synergic wire feed and numerous individually adjustable welding parameters. In addition to smart cooling with integrated overheating protection, the welding machine also has a synergic wire feed.

CUT | TIG | MIG MAG | MMA | FLUX

MIG-204C SYN LED 5in1



- MIG SYNERGIC
- 2T-4T-SPOT
- MMA Welding
- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG HF

Voltage	230V/50 Hz
Welding current	200 A
Cutting current	40A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Recommend cutting	12mm
Spool size	Max. 5kg

MIG-252C SYN LED 5in1



- MIG SYNERGIC
- 2T-4T-SPOT
- MMA Welding
- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG HF

Voltage	230V/50 Hz
Welding current	200 A
Cutting current	40A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Recommend cutting	12mm
Spool size	Max. 15kg

MIG-254C SYN LED 5in1



- MIG SYNERGIC
- 2T-4T-SPOT
- MMA Welding
- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- TIG HF

Voltage	230V/50 Hz
Welding current	200 A
Cutting current	40A
Duty cycle	60%
Wire diameter	0.6 - 1.0
Recommend cutting	12mm
Spool size	Max. 15kg

AIR PLASMA CUTTER

AIR PLASMA CUTTER WELDING MACHINE



The introduction of functions for AIR PLASMA CUTTER welder:

HF – non-contact arc initiation system, used in plasma cutters.
The ignition of the electric arc does not require physical contact of the electrode with the welded material.

BLOW BACK –it is a technology of arc lighting without the participation of high frequency. The method involves moving the electrode backwards at the moment of arc ignition, which affects less wear of consumables and minimizes electromagnetic interference.

AIR PLASMA CUTTER SERIES

CUT-40



- 2T-4T
- MMA WELDING
- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- POST GAS PRE GAS

Voltage	230V/50Hz
Cutting current	40A
Duty cycle	60%
No load voltage	280V
High performance cutting	8mm
Recommend cutting	12mm
Cutting capacity	14mm

CT-416HF LED



- 2T-4T
- MMA WELDING · TIG HF
- ARC FORCE
- HOT START
- ANTI STICK
- VRD
- POST GAS PRE GAS

Voltage	230V/50Hz
Cutting current	40A
Welding current	160A
Duty cycle	60%
No load voltage	280V
High performance cutting	8mm
Recommend cutting	12mm
Cutting capacity	14mm

AIR PLASMA CUTTER SERIES

CUT-60



- 2T-4T
- POST GAS

Voltage	400V/50Hz
Cutting current	60A
Duty cycle	60%
No load voltage	280V
High performance cutting	15mm
Recommend cutting	20mm
Cutting capacity	22mm

CUT-60 AIR



- 2T-4T
- MMA WELDING
- ARC FORCE
- HOT START
- ANTI STICK
- POST GAS

Voltage	400V/50Hz
Cutting current	60A
Welding current	160A
Duty cycle	60%
No load voltage	280V
High performance cutting	15mm
Recommend cutting	20mm
Cutting capacity	22mm

CUT-80



- 2T-4T
- POST GAS

Voltage	400V/50Hz
Cutting current	80A
Duty cycle	60%
No load voltage	268V
High performance cutting	20mm
Recommend cutting	25mm
Cutting capacity	28mm

CUT-80 AIR



- 2T-4T
- MMA WELDING
- ARC FORCE
- HOT START
- ANTI STICK
- POST GAS

Voltage	400V/50Hz
Cutting current	80A
Welding current	160A
Duty cycle	60%
No load voltage	268V
High performance cutting	20mm
Recommend cutting	25mm
Cutting capacity	28mm

AIR PLASMA CUTTER SERIES

CUT-100



- contactless arc ignition
- pilot arc
- regulation of gas outflow after cutting
- 2T/4T function · CNC
- digital display

Voltage	400V/50Hz
Cutting current	100A
Duty cycle	60%
No load voltage	268V
High performance cutting	25mm
Recommend cutting	30mm
Cutting capacity	35mm

CUT-120



- contactless arc ignition
- pilot arc
- regulation of gas outflow after cutting
- 2T/4T function · CNC
- digital display

Voltage	400V/50Hz
Cutting current	120A
Duty cycle	60%
No load voltage	268V
High performance cutting	30mm
Recommend cutting	35mm
Cutting capacity	38mm

CUT-160



- contactless arc ignition
- pilot arc
- regulation of gas outflow after cutting
- 2T/4T function · CNC
- digital display

Voltage	400V/50Hz
Cutting current	160A
Duty cycle	60%
No load voltage	268V
High performance cutting	35mm
Recommend cutting	40mm
Cutting capacity	43mm