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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.

CONTENTS

Welding Machine 01-26

Cutting Machine 27-29

Beveling Machine 30-32

Battery Charger 33-35

MMA-MINI Inverter Series

DESCRIPTION:

The highly developed MINI ARC welder adopt powerful inverter technology IGBT switches a welding unit revolutionary on the market for its unique design, dynamic performances and incredible portability. It is effortless to operate ideal for hobbyist user and workshop alike. compact design and energy saving.

Single phase, DC output, welding current can be precisely controlled.

Easy arc starting, deep penetration, strong compensation capability and little splash.

Auto protection of anti-stick, over-heat and over current.



Model	MMA-120MINI	MMA-140MINI	MMA-160MINI	MMA-200MINI
Rated Input Voltage (V)	230	230	230	230
No-load Voltage (V)	65	65	65	65
Current Range (A)	20-120	20-140	20-160	20-200
Fuse (A)	13	15.5	18	24
Duty Cycle (%)	60%	60%	60%	60%
Usable Electrodes (Φmm)	1.6-3.2	1.6-3.2	1.6-4.0	1.6-4.0
Weight (Kg)	2	2.5	3.5	4

MMA-D Inverter Series

DESCRIPTION:

Inverter technology, portable design and energy saving.
Single phase, DC output, welding current can be precisely controlled.
Easy arc starting, deep penetration, strong compensation capability and little splash.
Auto protection of anti-stick over-heat and over current.

INCLUDED ACCESSORIES:

Electrode Holder
Earth Clamp
Welding Cable
Welding Helmet
Steel Wire Brush With Hammer



MODEL A

MODEL B



Model	MMA-140D	MMA-160D	MMA-200D	MMA-250D
Rated Input Voltage (V)	230	230	230	230
No-load Voltage (V)	65	65	65	65
Current Range (A)	20-140	20-160	20-200	20-250
Fuse (A)	15.5	18	24	32.5
Duty Cycle (%)	60%	60%	60%	60%
Usable Electrodes (Φmm)	1.6-3.2	1.6-4.0	1.6-4.0	1.6-5.0
Weight (Kg)	5.5	8.5	8.5	10

MMA-D Transformer Series

DESCRIPTION:

Single-phase Fan-cooled Portable Stick Electrode Welding Machine For MMA Welding In Alternating Current (AC). Stepless Regulation Of Welding Current. With Thermal Protection

INCLUDED ACCESSORIES:

Electrode Holder
Earth Clamp
Welding Cable
Welding Helmet
Steel Wire Brush With Hammer

OPTIONAL ACCESSORIES:

Cable Connector



MODEL A

MODEL B

MODEL C

MODEL D



Model	MMA-135D	MMA-165D	MMA-185D	MMA-205D	MMA-255D
Rated Input Voltage (V)	230	230	230	230	230
No-load Voltage (V)	48	48	48	50	50
Current Range (A)	50-130	60-160	60-180	70-200	80-250
Fuse (A)	16	22	25	28	35
Duty Cycle (%)	10%	10%	10%	10%	10%
Usable Electrodes (Φmm)	1.6-3.2	1.6-4.0	1.6-4.0	1.6-4.0	1.6-5.0
Weight (Kg)	16	18	20	21	22

MMA-C Inverter Series

DESCRIPTION:
Inverter technology, portable design and energy saving.
Single phase or Three phase, DC output, welding current can be precisely controlled.
Easy arc starting, deep penetration, strong compensation capability and little splash.
Auto protection of anti-stick over-heat and over current.



Model	MMA-160C	MMA-200C	MMA-250C	MMA-300C	MMA-350C	MMA-400C
Rated Input Voltage (V)	230	230	400	400	400	400
No-load Voltage (V)	65	65	65	65	72	72
Current Range (A)	20-160	20-200	20-250	20-300	20-350	20-400
Fuse (A)	18	24	15	18	24	32
Duty Cycle (%)	60%	60%	60%	60%	60%	60%
Usable Electrodes (Φmm)	1.6-4.0	1.6-4.0	1.6-5.0	1.6-5.0	1.6-6.0	1.6-6.0
Weight (Kg)	8.5	8.5	15	20	21	23

※ MODEL A and MODEL B for MMA-160C, MMA-200C, MMA-250C
※ MODEL C for MMA-300C, MMA-350C, MMA-400C

MMA-C Transformer Series

DESCRIPTION:
Single phase, aluminum coiled powerful transformer. Auto protection of over heat and over current optional.
Continuous current AC output, welding currently can be easily adjusted.
Easy arc starting, deep penetration, strong compensation capability, little splash.
Fan cooled, portable design, high duty cycle, easy maintenance.



Model	MMA-145C	MMA-165C	MMA-205C	MMA-255C
Rated Input Voltage (V)	230	230	230	230
No-load Voltage (V)	48	48	50	50
Current Range (A)	50-140	60-160	70-200	80-250
Fuse (A)	16	22	28	35
Duty Cycle (%)	20%	20%	20%	20%
Usable Electrodes (Φmm)	1.6-3.2	1.6-4.0	1.6-4.0	1.6-5.0
Weight (Kg)	18.5	20.5	23.5	25

MMA-G Transformer Series

DESCRIPTION:
Single-phase, On Wheel, Fan-cooled Stick Electrode Welding Machine For MMA Welding In Alternating Current(AC) Moving Transformer, Stepless Regulation Of Welding Current.

OPTIONAL ACCESSORIES:

- Electrode Holder
- Earth Clamp
- Welding Cable
- Welding Helmet
- Steel Wire Brush
- Chipping Hammer



Model	MMA-250G	MMA-315G	MMA-400G	MMA-500G	MMA-630G
Rated Input Voltage (V)	400	400	400	400	400
No-load Voltage (V)	60	70	70	72	72
Current Range (A)	50-250	60-300	80-400	100-500	120-630
Fuse (A)	18	23	30	35	40
Duty Cycle (%)	35%	35%	35%	35%	35%
Usable Electrodes (Φmm)	1.6-5.0	2.0-5.0	2.0-6.0	2.5-6.0	2.5-6.0
Weight (Kg)	63	80	95	119	125

MMA-G Transformer Series

DESCRIPTION:
Single-phase On Wheels Fan-cooled Stick Electrode Welding Machine For MMA Welding In Direct (DC) And Alternating Current(AC). Stepless Regulation Of Welding Current. With Thermal Protection Flexibility Of Use With A Wide Range Of Electrodes: Rutile, Basic, stainless Steel And Cast Iron.

INCLUDED ACCESSORIES:

- Cable Connector

OPTIONAL ACCESSORIES:

- Electrode Holder
- Earth Clamp
- Welding Cable
- Welding Helmet
- Steel Wire Brush
- Chipping Hammer



Model	MMA-255G	MMA-305G	MMA-405G	MMA-505G
Rated Input Voltage (V)	400	400	400	400
No-load Voltage (V)	75	75	75	75
Current Range (A)	50-250	60-300	70-400	80-500
Fuse (A)	18	23	30	35
Duty Cycle (%)	35%	35%	35%	35%
Usable Electrodes (Φmm)	1.6-5.0	2.0-5.0	2.0-6.0	2.5-6.0
Weight (Kg)	95	101	116	130

MMA-S Inverter Series

DESCRIPTION:
Inverter technology IGBT module, Three phase, DC output.
Accurate digital display for welding current, precise control for welding current, hot start and arc force.
Dynamic performance, high efficiency that designed especially for industrial use.
Easy arc starting, deep penetration, strong compensation capability and little splash.
Auto protection of anti-stick over-heat and over current.



Model	MMA-400S	MMA-500S	MMA-630S
Rated Input Voltage (V)	400	400	400
No-load Voltage (V)	72	75	75
Current Range (A)	20-400	20-500	20-630
Fuse (A)	25	32	35
Duty Cycle (%)	60%	60%	60%
Usable Electrodes (Φmm)	1.6-6.0	1.6-6.0	1.6-6.0
Weight (Kg)	23	28	32

MMA-S Transformer Series

DESCRIPTION:
Three-phase On Wheels Fan-cooled Stick Electrode Welding Machine For MMA Welding Indirect Current (DC). Stepless Regulation Of Welding Current Flexibility Of Use With A Wide Range Of Electrodes: Rutile. Basic, Stainless Steel And Cast Iron.

INCLUDED ACCESSORIES:
Cable Connector

OPTIONAL ACCESSORIES:
Electrode Holder
Earth Clamp
Welding Cable
Welding Helmet
Steel Wire Brush
Chipping Hammer



Model	MMA-255S	MMA-305S	MMA-405S	MMA-505S
Rated Input Voltage (V)	400	400	400	400
No-load Voltage (V)	75	75	75	75
Current Range (A)	50-250	60-300	70-400	80-500
Fuse (A)	18	23	30	35
Duty Cycle (%)	35%	35%	35%	35%
Usable Electrodes (Φmm)	1.6-5.0	2.0-5.0	2.0-6.0	2.5-6.0
Weight (Kg)	96	102	118	132

MIG-MINI Inverter Series

DESCRIPTION:
Single-phase, Portable, Flux Wire Welding Machine For Flux (no Gas) Welding. With Thermal Protection. Complete With Flux Welding Accessories.

- INCLUDED ACCESSORIES:**
- Mig Welding Torch
 - Earth Clamp
 - Welding Cable
 - Welding Helmet
 - Steel Wire Brush With Hammer

OPTIONAL ACCESSORIES:
Welding Wire



Model	MIG-100MINI	MIG-120MINI	MIG-140MINI	MIG-160MINI
Rated Input Voltage (V)	230	230	230	230
No-load Voltage (V)	56	56	56	56
Current Range (A)	40-100	40-120	40-140	40-160
Fuse (A)	12	14	16	18
Duty Cycle (%)	60%	60%	60%	60%
Max Spool Diameter(mm)	100	100	100	100
Max Wire Diameter (mm)	0.8	0.8	1.0	1.0
Weight (Kg)	8	8.5	8.5	9

※ Optional: MMA Function

MIG-MINI Transformer Series

DESCRIPTION:
Single-phase, Portable, Flux Wire Welding Machine For Flux (no Gas) Welding. With Thermal Protection. Complete With Flux Welding Accessories.

- INCLUDED ACCESSORIES:**
- Mig Welding Torch
 - Earth Clamp
 - Welding Cable
 - Welding Helmet
 - Steel Wire Brush With Hammer

OPTIONAL ACCESSORIES:
Welding Wire



Model	MIG-105MINI	MIG-125MINI	MIG-145MINI	MIG-165MINI
Rated Input Voltage (V)	230	230	230	230
No-load Voltage (V)	26-30	26-30	26-30	26-30
Current Range (A)	50-100	60-120	60-140	60-160
Fuse (A)	12	14	16	18
Duty Cycle (%)	15%	15%	15%	15%
Max Spool Diameter(mm)	100	100	100	100
Max Wire Diameter (mm)	0.8	0.8	1.0	1.0
Weight (Kg)	15	16	18	20

MIG-D Inverter Series

DESCRIPTION:

Inverter technology IGBT switches, portable design and energy saving.
Single phase power input, DC output, suitable for gas or gasless welding process.
Multifunction for MMA welding and MIG/MAG welding process, strong wire feeder built-in.
Digital display for current and voltage.
Stepless regulation for welding voltage and wire speed, automatic protection for over heat and over current.
Easy arc starting, excellent welding performance, deep welding pool, low noise, little splash.



Model	MIG-140D	MIG-160D	MIG-200D	MIG-220D
Rated Input Voltage (V)	230	230	230	230
No-load Voltage (V)	56	56	56	56
Current Range (A)	40-140	40-160	40-200	40-220
Fuse (A)	16	18	20	25
Duty Cycle (%)	60%	60%	60%	60%
Max Spool Diameter(mm)	200	200	200	200
Max Wire Diameter (mm)	0.8	1.0	1.0	1.0
Weight (Kg)	12.5	13	13.5	15

※ Optional: MMA Function

MIG-D Transformer Series

DESCRIPTION:

Single-phase, Fan-cooled, Portable Wire Welding Machine, For Flux (no Gas) And Mig/mag (gas) Welding. With Thermal Protection.

INCLUDED ACCESSORIES:

Mig Welding Torch
Earth Clamp
Welding Cable
Welding Helmet
Steel Wire Brush With Hammer

OPTIONAL ACCESSORIES:

Welding Wire
Regulator



Model	MIG-105D	MIG-135D	MIG-165D	MIG-195D
Rated Input Voltage (V)	230	230	230	230
No-load Voltage (V)	26-30	26-30	26-33	26-35
Current Range (A)	50-100	60-130	60-160	60-190
Fuse (A)	13	16	20	25
Duty Cycle (%)	15%	15%	15%	15%
Max Spool Diameter(mm)	200	200	200	200
Max Wire Diameter (mm)	0.8	0.8	1.0	1.0
Weight (Kg)	15	16	18	20

MIG-C Inverter Series

DESCRIPTION:

Inverter technology IGBT switches, energy saving, can load wire max 300 mm(15kg).
Single phase or Three phase; power input, DC output, suitable for gas or gasless welding process.
Multifunction for MMA welding and MIG/MAG welding process, strong wire feeder built-in.
Stepless regulation for welding voltage and wire speed, automatic protection for over heat and over current.



MODEL A

MODEL B



Model	MIG-200C	MIG-230C	MIG-250C	MIG-250/2C
Rated Input Voltage (V)	230	230	230	230/400
No-load Voltage (V)	56	56	56	54
Current Range (A)	40-200	40-230	40-250	40-250
Fuse (A)	20	23	25	25/16
Duty Cycle (%)	60%	60%	60%	60%
Max Spool Diameter(mm)	300	300	300	300
Max Wire Diameter (mm)	1.0	1.0	1.0	1.0
Weight (Kg)	19	19.5	19.5	20

※ Optional: MMA Function

MIG-C Transformer Series

DESCRIPTION:

Single-phase, Fan-cooled, Wire Welding Machine On Wheels, For Flux (no Gas) And Mig/mag (gas) Welding. With Thermal Protection.
Adjustable Burnback, Adjustable Soft Start, Spot Timer.

INCLUDED ACCESSORIES:

- Mig Welding Torch
- Earth Clamp
- Welding Cable
- Welding Helmet
- Steel Wire Brush With Hammer

OPTIONAL ACCESSORIES:

- Welding Wire
- Regulator



MODEL A

MODEL B



Model	MIG-185C	MIG-205C	MIG-235C	MIG-255C
Rated Input Voltage (V)	230	230	230	230/400
No-load Voltage (V)	20-31	20-35	20-38	20-38
Current Range (A)	50-180	50-200	60-230	60-250
Fuse (A)	18	20	25	25/18
Duty Cycle (%)	20%	20%	20%	20%
Max Spool Diameter(mm)	300	300	300	300
Max Wire Diameter (mm)	1.0	1.0	1.0	1.0
Weight (Kg)	45	60	70	75

MIG-G Inverter Series

DESCRIPTION:

Inverter technology IGBT(module) switches, portable design and energy saving.
Three phase power input, DC output.
Multifunction for MMA welding and MIG/MAG welding process, wire feeder built-in.
Precision regulation for voltage, current, and inductance.
Digital display for current and voltage, automatic protection for over heat and over current.
Burn back time is automatically adjusted according to the wire used.
With 2T/4T gun switch latching, moving wheels.
Easy arc starting, excellent welding performance, deep welding pool, low noise, little splash.



Model	MIG-250G	MIG-300G	MIG-350G	MIG-400G
Rated Input Voltage (V)	400	400	400	400
No-load Voltage (V)	52	52	62	65
Current Range (A)	40-250	40-300	40-350	40-400
Fuse (A)	20	25	28	30
Duty Cycle (%)	60%	60%	60%	60%
Max Spool Diameter(mm)	300	300	300	300
Max Wire Diameter (mm)	1.2	1.2	1.6	1.6
Weight (Kg)	44	46	48	50

※ Optional: MMA Function

MIG-G Transformer Series

DESCRIPTION:

Three-phase, Fan-cooled, Wire Welding Machine On Wheels For Mig/mag/flux Welding. Little Spatter, Nice Welding Performance, Suitable For Use In The Industrial Field.Flexibility Of Use With A Wide Range Of Materials Such As Steel, Stainless Steel, Aluminium And Its Alloys. Complete With Mig/mag Welding Accessories.

INCLUDED ACCESSORIES:

Mig Welding Torch
Earth Clamp
Welding Cable
Welding Helmet
Wire Feeder (2 Rolls)

OPTIONAL ACCESSORIES:

Welding Wire
Steel Wire Brush
Chipping Hammer
Regulator



Model	MIG-205G	MIG-255G	MIG-305G	MIG-355G
Rated Input Voltage (V)	400	400	400	400
No-load Voltage (V)	18-32	19-36	20-42	20-45
Current Range (A)	50-200	50-250	50-300	60-350
Fuse (A)	20	25	28	30
Duty Cycle (%)	60%	60%	60%	60%
Max Spool Diameter(mm)	300	300	300	300
Max Wire Diameter (mm)	1.2	1.2	1.6	1.6
Weight (Kg)	60	65	93	100

MIG-S Inverter Series

DESCRIPTION:
Inverter technology IGBT(module) switches, portable design and energy saving.
Three phase power input, DC output.
Multifuntion for MMA welding and MIG/MAG welding process, wire feeder seperated.
Precision regulation for voltage, current, and inductance.
Digital display for current and voltage, automatic protection for over heat and over current.
Burn back time is automatically adjusted according to the wire used.
With 2T/4T gun switch latching, moving wheels.
Easy arc starting, excellent welding performance, deep welding pool, low noise, little splash.



MODEL A

MODEL B



Model	MIG-300S	MIG-350S	MIG-500S
Rated Input Voltage (V)	400	400	400
No-load Voltage (V)	56	62	65
Current Range (A)	40-300	40-350	40-500
Fuse (A)	25	28	32
Duty Cycle (%)	60%	60%	60%
Max Spool Diameter(mm)	300	300	300
Max Wire Diameter (mm)	1.2	1.6	1.6
Weight (Kg)	24	38	45

※ Optional: MMA Function

MIG-S Transformer Series

DESCRIPTION:
Three-phase Fan-cooled Wire Welding Machine On Wheels For Mig/mag/flux Welding Wire Feeder Separately. Little Spatter Nice Welding Performance Suitable For Use In The Industrial Field. Flexibility Of Use With A Wide Range Of Materials Such As Steel Stainless Steel Aluminum And Its Alloys. Complete With Mig/mag Welding Accessories

INCLUDED ACCESSORIES:
Mig Welding Torch
Earth Clamp
Welding Cable
Welding Helmet
Wire Feeder (2 Rolls)

OPTIONAL ACCESSORIES:
Welding Wire
Steel Wire Brush
Chipping Hammer
Regulator



MODEL A

MODEL B



Model	MIG-355S	MIG-405S	MIG-505S
Rated Input Voltage (V)	400	400	400
No-load Voltage (V)	52	62	66
Current Range (A)	40-350	40-400	40-500
Fuse (A)	25	30	35
Duty Cycle (%)	35%	40%	50%
Max Spool Diameter(mm)	300	300	300
Max Wire Diameter (mm)	1.2	1.6	1.6
Weight (Kg)	120	140	160

MIG-SYN Inverter Series

DESCRIPTION:

Single-phase, Microprocessor controlled MIG-MAG/FLUX/BRAZING/MMA/TIG DC-Lift inverter multiprocess welding machine. Its flexibility of use and the different materials it can weld (steel, stainless steel, aluminium) or braze weld (galvanized sheet) allow for a wide range of applications, from maintenance to installation and interventions in body shops. The quick SYNERGIC regulation of the welding parameters and the ONE TOUCH LCD SYNERGY technology make this product easy to use.



Model	MIG-160SYN	MIG-200SYN	MIG-230SYN	MIG-250SYN	MIG-300SYN
Rated Input Voltage (V)	230	230	230	230	400
No-load Voltage (V)	56	56	56	56	56
Current Range (A)	40-160	40-200	40-230	40-250	40-300
Fuse (A)	16	18	20	25	25
Duty Cycle (%)	60%	60%	60%	60%	60%
Max Spool Diameter(mm)	200	200	200	300	300
Max Wire Diameter (mm)	0.8	1.0	1.0	1.0	1.0
Weight (Kg)	12.5	13	15	18	30

※ MODEL A and MODEL B for MIG-160SYN, MIG-200SYN.

※ MODEL C for MIG-230SYN, MIG-250SYN.

※ MODEL D and MODEL E for MIG-300SYN.

※ Optional: MMA Function

MIG-P Inverter Series

DESCRIPTION:

Microprocessor controlled, MIG-MAG (continuous, PULSE, double pulse – PULSE ON PULSE), FLUX/BRAZING, TIG-DC lift and MMA inverter welding machine with built-in 4 rolls wire feeder.

Flexibility of use with a wide range of materials such as steel, stainless steel, HSS high strength steels, galvanised sheets, aluminium and its alloys.

The SYNERGIC function allows for a rapid and easy setting of the welding programmes and grants always a high control both of the arc and of the quality of the welding.



Model	MIG-160P	MIG-200P	MIG-250P	MIG-280P	MIG-350P
Rated Input Voltage (V)	230	230	230	400	400
No-load Voltage (V)	56	56	56	56	56
Current Range (A)	40-160	40-200	40-250	40-280	40-350
Fuse (A)	16	18	20	25	28
Duty Cycle (%)	60%	60%	60%	60%	60%
Max Spool Diameter(mm)	200	200	200	300	300
Max Wire Diameter (mm)	1.0	1.2	1.2	1.6	1.6
Weight (Kg)	12	13	15	25	30

※ MODEL A for MIG-160P, MIG-200P, MIG-250P.

※ MODEL B and MODEL C for MIG-280P, MIG-350P.

※ Optional: MMA Function



TIG-ONLY Series

DESCRIPTION:
Inverter technology
Compact design and energy saving
DC output, welding current can be precisely controlled.
Excellent HF (high frequency) arc starting, deep penetration, strong compensation capability and little splash.
Auto protection of anti-stick, over-heat and over current.



MODEL A



MODEL B



Model	TIG-160	TIG-200	TIG-250	TIG-300	TIG-400
Rated Input Voltage (V)	230	230	230	400	400
No-load Voltage (V)	56	56	56	56	56
Current Range (A)	10-160	10-200	10-250	10-300	10-400
Fuse (A)	16	18	20	25	28
Duty Cycle (%)	60%	60%	60%	60%	60%
Weight (Kg)	12	13	15	25	30

TIG/MMA Series

DESCRIPTION:
Inverter technology optional for TIG/MMA welding process.
Compact design and energy saving.
DC output,welding current can be precisely controlled.
Excellent HF (high frequency) arc starting,deep penetration,strong compensation capability and little splash.
Auto protection of anti-stick,over-heat and over current.



MODEL A



MODEL B



Model	TIG/MMA-160	TIG/MMA-200	TIG/MMA-250	TIG/MMA-300	TIG/MMA-400
Rated Input Voltage (V)	230	230	230	400	400
No-load Voltage (V)	56	56	56	56	56
Current Range (A)	10-160	10-200	10-250	10-300	10-400
Fuse (A)	16	18	20	25	28
Duty Cycle (%)	60%	60%	60%	60%	60%
Weight (Kg)	12	13	15	25	30

TIG-AC/DC Series

DESCRIPTION:

Inverter technology with pulse function.

Precise control for welding current, peak current, valley current, and arc ending current.

Three phase input power supply, AC/DC output, energy saving.

Switches selectable for 2T/4T TIG torch control and AC/DC output current.

Excellent HF (high frequency) arc starting, deep penetration, strong compensation capability and little splash.

Auto protection of anti-stick, over-heat and over current.



MODEL A



MODEL B



Model	TIG-200AC/DC	TIG-250AC/DC	TIG-300AC/DC	TIG-400AC/DC
Rated Input Voltage (V)	230	230	400	400
No-load Voltage (V)	56	56	56	56
Current Range (A)	10-200	10-250	10-300	10-400
Fuse (A)	18	20	25	28
Duty Cycle (%)	60%	60%	60%	60%
Weight (Kg)	13	15	25	30

TIG-P Series

DESCRIPTION:

Inverter technology,multifunction for TIG/MMA welding process,with pulse function.

Compact design and energy saving.

Single phase input power supply, DC output. Welding current can be precisely controlled.

Excellent HF (high frequency) arc starting, deep penetration, strong compensation capability and little splash.

Auto protection of anti-stick, over-heat and over current.



MODEL A



MODEL B



Model	TIG-160P	TIG-200P	TIG-250P
Rated Input Voltage (V)	230	230	230
No-load Voltage (V)	56	56	56
Current Range (A)	10-160	10-200	10-250
Fuse (A)	16	18	20
Duty Cycle (%)	60%	60%	60%
Weight (Kg)	12	13	15



SPOT Series

DESCRIPTION:
Less Power Loss Transformer, Pedal--evel Type Spring--pressing Structure, Welding Timer, Widely Used For Welding Low Carbon Steel And Stainless Steel Plate, Etc



Model	DN-10	DN-16	DN-25
Power Source Voltage (V)	380	380	380
Rated Input Voltage (KVA)	10	16	25
No-load Voltage (V)	1-2	1.2-2.4	1.75-3.52
Welding Thickness (mm)	0.5-2	0.5-2.5	0.5-3
Length of Welding Arm (mm)	260	260	260
Time Range (s)	0-9.9	0-9.9	0-9.9
Weight (Kg)	62	76	100

CUT Series

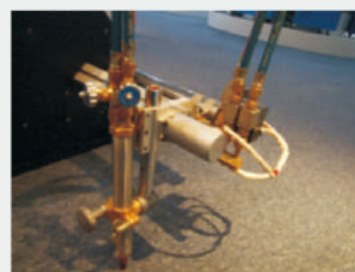
DESCRIPTION:
Inverter technology IGBT, Compact design and energy saving.
Use air plasma arc cutting process, high cutting speed.
DC output, cutting current can be precisely controlled.
Excellent HF (high frequency) arc starting, smooth cutting surface, strong compensation capability.
Auto protection of over-heat and over current.



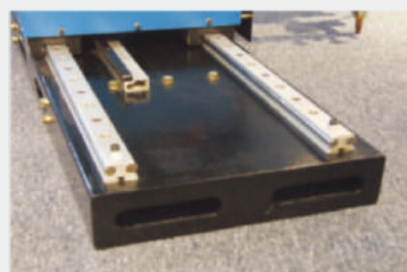
Model	CUT-40	CUT-60	CUT-80	CUT-100	CUT-120	CUT-160
Rated Input Voltage(V)	230	400	400	400	400	400
No-load Voltage (V)	240	255	270	310	310	310
Current Range(A)	15-40	15-60	20-80	20-100	20-120	20-160
Fuse (A)	16	20	25	28	30	32
Arcing Mode	Contact	Contact	HF	HF	HF	HF
Cutting Thickness(mm)	12mm	23mm	28mm	30mm	35mm	45mm
Duty Cycle (%)	60%	60%	60%	60%	60%	60%
Weight (Kg)	13	18	27	29	33	46

ZNC(A)Cutting Machines Series

(Internal height adjuster of plasma ARC voltage selectable)



Automatic lifting torch, national initiative.



Thickened steel rail with 2 dual axis



Reserve plasma cutting interface

Function

- Cut any complicated plane figure
- Effective cutting range (X , Y) 7500x1500mm
- Freely switching in English, Russian, French, Portuguese, Spanish etc. for CNC control system
- Storing over 1000 program files to be cut

Advantage

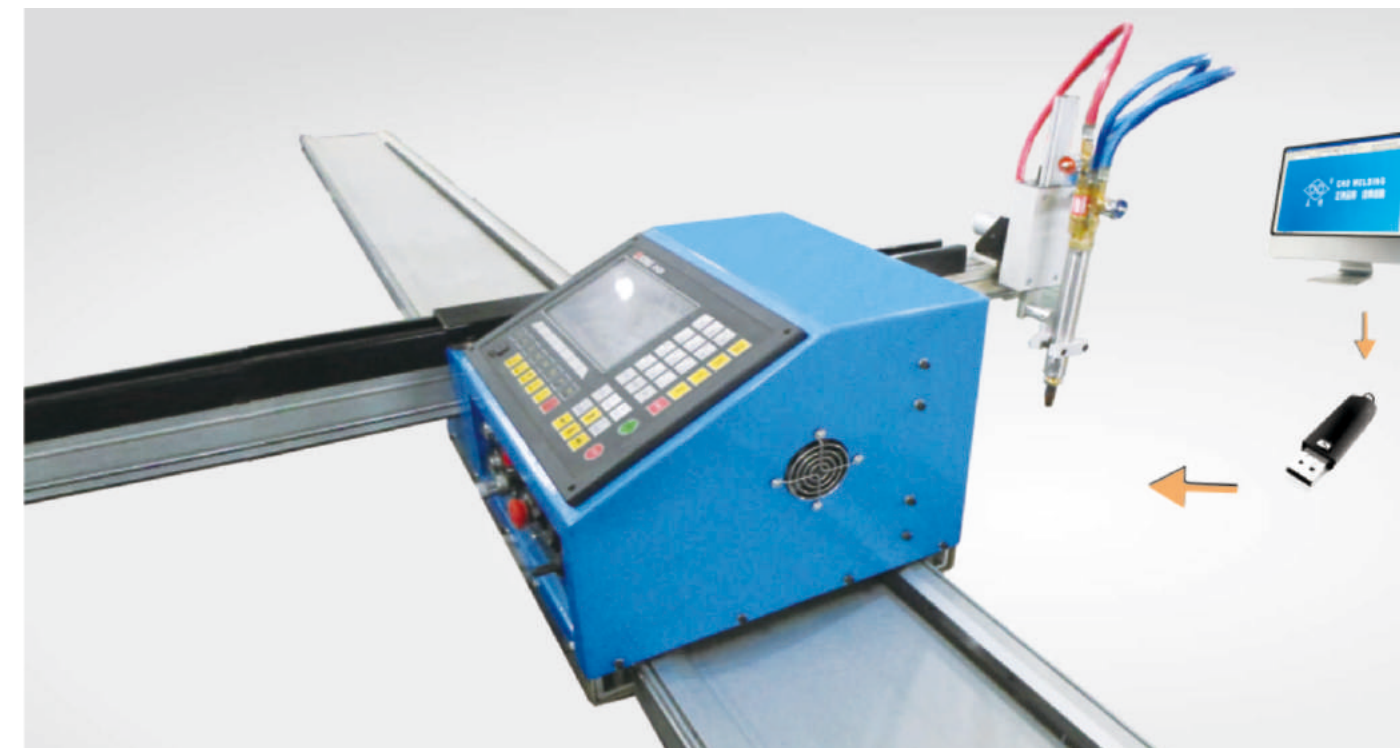
- Long life, main parts all use well-known brand
- High precision, efficiency, quality performance
- Portable CNC system, small volume, light weight, Easy to be moved, not occupy a fixed space.

MAIN SPECIFICATIONS

Type	ZNC-1500 A
Supply voltage	AC 110 / 220V , 50 / 60Hz
Effective cutting width	1500mm
Longitudinal rail length	Standard length 3500mm
Effective cutting length	Standard length 3000mm
Cutting speed	0 – 2000mm/min
Cutting thickness	5–150mm (Flame)
Cutting gas	Oxygen + Acetylene or Propane

ZNC(D)Cutting Machines Series

(Internal height adjuster of plasma ARC voltage selectable)



Cutting interface



Built-in plasma ARC voltage adjuster



Aluminum integral rail

Function

- Gas cutting any complex graphic
- Effective cutting range (X , Y) 5500x1500mm
- Freely switching in English, Russian, French, Portuguese, Spanish etc. for CNC control system
- Storing over 1000 program files to be cut

Remark: Internal height adjuster of plasma ARC voltage selectable, automatic control plasma control plasma torch height, applicable for Plasma cutting)

Advantage

- Horizontal CNC operating panel, checking cutting plate at a large viewing angle
- A low cost investment for high cutting productivity
- Portable CNC system, small volume, light weight, easy to be moved, no occupying a fixed space.

MAIN SPECIFICATIONS

Type	ZNC-1500 D
Supply voltage	AC 110 / 220V , 50 / 60Hz
Effective cutting width	1500mm
Longitudinal rail length	Standard length 3500mm
Effective cutting length	Standard length 3000mm
Cutting speed	0–2000 mm/min
Cutting thickness	5–150mm (Flame) / depends on plasma power
Cutting gas	Oxygen + Acetylene or Propane

Inner Swell Electric Pipe Beveling Machine

ISY Series I.D.16~850mm(1/2~34")

ISY-80



"T" shape design,perfect for jobs at any orientation in restricted areas

APPLICATION

The portable design can realize indoor and outdoor grooving work as long as there is power supply. It is widely applied for pipeline construction and maintenance in various industries, such as petroleum, chemical industry, electric power, water transportation, boiler, etc..

ISY-150B



"I" shape design with ratchet feeding handle,easy operation and labour-saving.

FUNCTION

The installation is simple and convenient, groove assignment is fast; It is applicable to various kinds of materials processing, and available to a wide range of pipe diameter; As it adopts mechanical cutting groove method, it can maintain well mechanical properties of the material quality; can do flat-end,V, X, U shape beveling to the tube,meet the requirement befor butt welding

ISY-630



"II" shape design with automatic feeding device and dragging adjusting mechanism,feeding can be trimmed. Suitable for thick wall up to 75mm

FEATURES

Adopt high performance motor drive , strong propulsion and smooth groove. Inner swelling structure, self-fixed at the tube center, quick and easy operation; Can bevel between 0°-37°; High beveling speed and labour-saving.

Inner Swell Electric Pipe Beveling Machine

STANDARD TECHNOLOGY SPECIFICATION

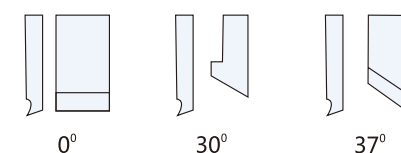
lectric	Pipe Diameter (I.D.mm)	Wall thickness(mm)	N.W(KG)	G.W(KG)	Dimension.(mm)
ISY-28	16-28	1/2-1"	≤10	16	480x350x130
ISY-80	28-76	1-3"	≤15	17	480x350x130
ISY-120T	40-120	2"-6"	≤15	20	670x300x200
ISY-150T	65-159	2 1/2-6"	≤20	30	670x300x200
ISY-150	65-159	2 1/2-6"	≤20	30	670x300x200
ISY-150B	65-159	2 1/2-6"	≤20	30	670x300x200
ISY-250	80-240	3-10"	≤20	46	670x350x230
ISY-250B	80-240	3-10"	≤20	46	670x350x230
ISY-250-II	80-240	3-10"	≤75	53	670x350x230
ISY-351	150-330	6-13"	≤20	71	750x440x350
ISY-351-II	150-330	6-13"	≤75	76	830x560x320
ISY-630	300-600	12-24"	≤20	150	900x680x420
ISY-630-II	300-600	12-24"	≤75	150	950x750x420
ISY-850-II	500-850	20-34"	≤75	310	1250x1000x950

▲ If the pipe wall thickness is less than 1% of pipe diameter, the strengthened swelling rib is advised.

▲ Standard specifications,if any non-standard,pleaseconsult with our company

Drive type:Electric moder
Voltage:AC220V
Rated frequency:50~60Hz
Rated power:0.8~1.5Kw

STANDARD BLADES



Standard tools attached(High speed steel), used for carbon steel tube. Tools with different materials and angle to be optional upon user' s request.

ISY-351-II



Electric Pipe Cutting And Beveling Machine

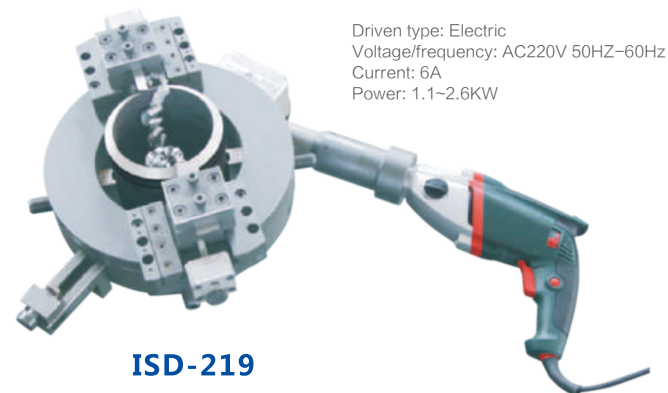
ISD Series I.D.16~1219mm(1/2~48")

APPLICATION

The portable design can realize indoor and outdoor grooving work as long as there is power supply. It is widely applied for pipeline construction and maintenance in various industries, such as petroleum, chemical industry, electric power, water transportation, boiler, etc..

FUNCTION

Simple installation and fast operation; It is applicable to various kinds of materials processing, and available to a wide range of pipe diameter;
As it adopts mechanical cutting groove method for cold working, it can maintain well mechanical properties of the material quality;
Ideal pipe end preparation with various shapes as flat, V, X and U shape can meet different technological requirements for butt welding.



Driven type: Electric
Voltage/frequency: AC220V 50Hz~60Hz
Current: 6A
Power: 1.1~2.6KW

ISD-219

FEATURES

Adopt high-performance electric drive featuring strong force and steady rotation.
Split frame with low clearance, installed at any space on the pipeline quickly and steadily;
Automatic feed mode, cut and bevel simultaneously; With high precision, simple operation, safety and reliabil.

STANDARD TECHNOLOGY SPECIFICATION

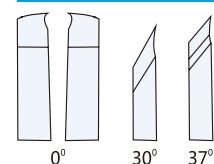
Model	Pipe O.D(mm)		Wall Thickness(mm)	N.W(KG)	G.W(KG)	Dimension.(mm)
ISD-80	Φ 16-80	½-3"	3~25	28	41	510x420x260
ISD-168	Φ 60-168	2-6"	3~25	40	60	580x490x260
ISD-219	Φ 80-219	3-8"	3~25	60	85	630x630x260
ISD-273	Φ 130-273	5-10"	3~25	70	95	700x700x260
ISD-325	Φ 180-325	6-12"	3~25	80	115	700x700x260
ISD-377	Φ 219-377	8-14"	3~25	85	120	780x780x260
ISD-406	Φ 265-406	10-16"	3~25	90	130	830x830x260
ISD-457	Φ 305-457	12-18"	3~25	95	140	830x830x260
ISD-508	Φ 355-508	14-20"	3~25	115	163	950x850x260
ISD-560	Φ 406-560	16-22"	3~25	125	173	950x850x260
ISD-610	Φ 457-610	18-24"	3~25	135	180	1030x930x260
ISD-660	Φ 508-660	20-26"	3~25	145	190	1060x960x260
ISD-715	Φ 560-715	22-28"	3~25	155	200	1060x1060x260
ISD-762	Φ 610-762	24-30"	3~25	170	220	1060x1060x260
ISD-813	Φ 660-813	26-32"	3~25	190	240	1110x1110x260
ISD-914	Φ 762-914	30-36"	3~25	250	300	1210x1210x260
ISD-1066	Φ 914-1066	36-42"	3~25	280	340	1350x680x320
ISD-1219	Φ 1066-1219	42-48"	3~25	320	380	1500x750x320



Adjustable blade holde

- If the pipe wall thickness is less than 1% of pipe diameter, the strengthened swelling rib is advised.
- If the pipe diameter above 450mm, NC servo motor or Hydraulic drive is advised.
- Standard specifications, if any non-standard, please consult with our company

STANDARD BLADES



Standard tools attached (High speed steel), used for carbon steel tube. Tools with different materials and angle to be optional upon user's request.



Blade fix



Matched with Metabo motor



Blade feeding regulation



Final result



Package

BATTERY CHARGER Inverter Series

DESCRIPTION:

Single-phase Portable Battery Chargers For Charging Lead-acid Batteries With/24 voltage Protect Ed Against Overloads And Polarity Reversal Equipped With Selector For Normal Or Quick(Boost)charge. Equipped With Ammeter.

INCLUDED ACCESSORIES:

Battery Clamp
Cable



MODEL A

MODEL B



Model	CD-340	CD-440	CD-540	CD-640	CD-840
Rated Input Voltage (V)	230	230	230	230	230
Rated Capacity (w)	1.0/6.4	1.4/8	1.6/10	2.0/12	2.5/16
Charging voltage (V)	12/24	12/24	12/24	12/24	12/24
Effective Charging Current (A)	45	60	75	90	100
Rated charge Current (A)	30	40	50	60	70
Starting Current (A)	180	240	300	360	600
Min/max. Reference Capacity (Ah)	20-500	40-700	40-800	40-1000	40-1200
Insulation Class	H	H	H	H	H
Weight (Kg)	4	4	5	6	8

BATTERY CHARGER Transformer Series

DESCRIPTION:
Single-phase Portable Battery Chargers For Charging Lead-acid Batteries With/24 voltage Protect Ed Against Overloads And Polarity Reversal Equipped With Selector For Normal Or Quick(Boost)charge. Equipped With Ammeter.

INCLUDED ACCESSORIES:
Battery Clamp
Cable



MODEL A

MODEL B



Model	CB-10	CB-15	CB-18	CB-20	CB-30	CB-40	CB-50
Rated Input Voltage (V)	230	230	230	230	230	230	230
Rated Capacity (w)	125	180	200	300	700	800	1000
Charging voltage (V)	12/24	12/24	12/24	12/24	12/24	12/24	12/24
Effective Charging Current (A)	8/5	10/7	14/9	18/12	30	45	50
Rated charge Current (A)	5/3	7/5	8/5	12/8	20	25	30
Min/max. Reference Capacity (Ah)	20-90	20/110	20/120	20-200	20-250	20-300	20-350
Insulation Class	H	H	H	H	H	H	H
Weight (Kg)	5	5.2	7.2	7.4	9	10	11

BATTERY CHARGER Transformer Series

DESCRIPTION:
Single phase or Three phase, Portable Battery Chargers For Charging Lead-acid Batteries With/24 voltage Protect Ed Against Overloads And Polarity Reversal Equipped With Selector For Normal Or Quick(Boost)charge. Equipped With Ammeter.

INCLUDED ACCESSORIES:
Battery Clamp
Cable



MODEL A

MODEL B

MODEL C



Model	CD-100	CD-150	CD-200	CD-300	CD-400	CD-500	CD-600	CD-800	CD-1000
Rated Input Voltage (V)	230	230	230	230	230	230	230	230	400
Rated Capacity (w)	0.3/1.5	0.4/2	0.8/3.6	1.0/6.4	1.4/8	1.6/10	2.0/12	2.5/16	2.6/18
Charging voltage (V)	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24
Effective Charging Current (A)	15	22	30	45	60	75	90	100	120
Rated charge Current (A)	10	15	20	30	40	50	60	70	80
Starting Current (A)	80	100	120	180	240	300	360	600	800
Min/max. Reference Capacity (Ah)	20-200	20-300	20-400	20-500	40-700	40-800	40-1000	40-1200	40-1300
Insulation Class	H	H	H	H	H	H	H	H	H
Weight (Kg)	6	8	13	17	19	27	28	32	35