

FUJIWELD

フジ ウェルディング イクイップメント

HEAVY DUTY WELDING EQUIPMENT



PT. INDOTARA PERSADA is exclusive distributor of FUJIWELD WELDING EQUIPMENT in Indonesia. FUJIWELD is one of the leading company manufacturing welding and cutting equipments. It has an excellent reputation in the fields of welding and cutting. With its wide range of products, FUJIWELD meets the requirements of all sectors, from Do-It-Yourself to professional applications, from specialist to Industrial user.

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ARMADA N SERIES ▶ 630N



SPECIFICATION

- Input Power : 400 (V)
- Rated Input Current : 55 (A)
- Rated Input Capacity : 36 (KVA)
- Rated Open Circuit Voltage : 78 (V)
- Welding Current Adjustment Range : 50-630 (A)
- Rated Output : 100% @ 630 (A)
- Welding Speed : 15-100 (m/h)
- Welding Wire Diameter : 1.6-3.2 (mm)
- Power Source Weight : 80 (Kg)
- Cart Weight : 65 (Kg)
- Dimension : 800x360x970

ARMADA N SERIES

DESCRIPTION

- Three phase, IGBT control DC SAW power, on wheels, fan cooled.
- Very smooth DC output, PLC control, energy saving, it can save 30% energy compared with traditional equipment.
- The circuit adopts PWM feedback control technology, stable arc, quick arc pilot, high arc penetration, deep melting pool and smooth welding line.
- The machine can work as STICK, MIG, SAW, gauging power source.
- The welding cart has its own control system.
- The spool SAW wire can be used in this equipment.
- The automatic wire feeding attributes high speed wire feeding.
- Perfect with thermal overload protection.
- The machine can do different sorts of welding, like flat welding, fillet welding, bevel welding and etc.
- The machine is designed for high efficiency automatic welding for very thick and big size work piece.
- Ideal and extremely stable equipment for heavy and very heavy industry, especially for shipyard using.

ACCESSORIES

- 1.5M CCA welding cable with electrode holder
- 1.5M CCA earth cable with earth clamp (cable 16mm², 10-25 dinse connector)

ACCESSORIES



ACCESSORIES



ACCESSORIES



OPTIONAL ACCESSORIES

- Rail
- Welding cable with electrode holder
- Regulator

IGBT
INVERTER

DC

CC | CV

50 / 60
Hz

3
PHASE



ARMADA N SERIES ▶ 1000n



SPECIFICATION

- Input Power : 400 (V)
- Rated Input Current : 86 (A)
- Rated Input Capacity : 56 (KVA)
- Rated Open Circuit Voltage : 78 (V)
- Welding Current Adjustment Range : 100-1000
- Rated Output : 100%@1000 (A)
- Welding Speed : 15-75 (m/h)
- Welding Wire Diameter : 3.2-5.0 (mm)
- Power Source Weight : 114 (Kg)
- Cart Weight : 65 (Kg)
- Dimension : 800x360x970

ARMADA N SERIES

DESCRIPTION

- Three phase, IGBT control DC SAW power, on wheels, fan cooled.
- Very smooth DC output, PLC control, energy saving, it can save 30% energy compared with traditional equipment.
- The circuit adopts PWM feedback control technology, stable arc, quick arc pilot, high arc penetration, deep melting pool and smooth welding line.
- The machine can work as STICK, MIG, SAW, gauging power source.
- The welding cart has its own control system.
- The spool SAW wire can be used in this equipment.
- The automatic wire feeding attributes high speed wire feeding.
- Perfect with thermal overload protection.
- The machine can do different sorts of welding, like flat welding, fillet welding, bevel welding and etc.
- The machine is designed for high efficiency automatic welding for very thick and big size work piece.
- Ideal and extremely stable equipment for heavy and very heavy industry, especially fo shipyard using.

ACCESSORIES

- 1.5M CCA welding cable with electrode holder
- 1.5M CCA earth cable with earth clamp (cable 16mm², 10-25 dinse connector)

ACCESSORIES



ACCESSORIES



ACCESSORIES



OPTIONAL ACCESSORIES

- Rail
- Welding cable with electrode holder
- Regulator

IGBT
INVERTER

DC

CC | CV

50 / 60
Hz

3
PHASE



ARMADA N SERIES ▶ 1250N

SPECIFICATION

- Input Power : 400 (V)
- Rated Input Current : 110 (A)
- Rated Input Capacity : 72 (KVA)
- Rated Open Circuit Voltage : 78 (V)
- Welding Current Adjustment Range : 100-1250 (A)
- Rated Output : 80%@1250 (A)
- Welding Speed : 15-75 (m/h)
- Welding Wire Diameter : 3.2-6.0 (mm)
- Power Source Weight : 114 (Kg)
- Cart Weight : 65 (Kg)
- Dimension : 800x360x970



ARMADA N SERIES

DESCRIPTION

- Three phase, IGBT control DC SAW power, on wheels, fan cooled.
- Very smooth DC output, PLC control, energy saving, it can save 30% energy compared with traditional equipment.
- The circuit adopts PWM feedback control technology, stable arc, quick arc pilot, high arc penetration, deep melting pool and smooth welding line.
- The machine can work as STICK, MIG, SAW, gauging power source.
- The welding cart has its own control system.
- The spool SAW wire can be used in this equipment.
- The automatic wire feeding attributes high speed wire feeding.
- Perfect with thermal overload protection.
- The machine can do different sorts of welding, like flat welding, fillet welding, bevel welding and etc.
- The machine is designed for high efficiency automatic welding for very thick and big size work piece.
- Ideal and extremely stable equipment for heavy and very heavy industry, especially fo shipyard using.

ACCESSORIES

- 1.5M CCA welding cable with electrode holder
- 1.5M CCA earth cable with earth clamp (cable 16mm², 10-25 dinse connector)

OPTIONAL ACCESSORIES

- Rail
- Welding cable with electrode holder
- Regulator



IGBT
INVERTER

DC

CC | CV

50 / 60
Hz

3
PHASE



ARMADA K SERIES

▶ 630K



SPECIFICATION

- Power Supply : 380V
- Max. Input Current : 62A
- No-load Voltage : 70V
- Output Range : 150-630 A
- Rated Output : 100%@630A
- Cart Model : Autotractor-630-1
- Welding Speed : 10-85
- Welding Wire Diameter : 1.6-3.2
- Power Source Weight : 368
- Cart Weight : 65
- Dimension : 1000x600x1000

ARMADA N SERIES

DESCRIPTION

- Three phase, IGBT control DC SAW power, on wheels, fan cooled.
- Very smooth DC output, PLC control, energy saving, it can save 30% energy compared with traditional equipment.
- The circuit adopts PWM feedback control technology, stable arc, quick arc pilot, high arc penetration, deep melting pool and smooth welding line.
- The machine can work as STICK, MIG, SAW, gauging power source.
- The welding cart has its own control system.
- The spool SAW wire can be used in this equipment.
- The automatic wire feeding attributes high speed wire feeding.
- Perfect with thermal overload protection.
- The machine can do different sorts of welding, like flat welding, fillet welding, bevel welding and etc.
- The machine is designed for high efficiency automatic welding for very thick and big size work piece.
- Ideal and extremely stable equipment for heavy and very heavy industry, especially fo shipyard using.

ACCESSORIES

- Control Cable
- Connecting Cable
- Earth Cable
- Others

OPTIONAL ACCESSORIES

- Rail
- Welding cable with electrode holder
- Regulator



IGBT
INVERTER

DC

CC | CV

50 / 60
Hz

3
PHASE



ARMADA K SERIES ▶ 100K



SPECIFICATION

- Power Supply : 380V
- Max. Input Current : 111A
- No-load Voltage : 75V
- Output Range : 200-1000 A
- Rated Output : 1100%@1000A
- Cart Model : Autotractor-1000-1
- Welding Speed : 10-85
- Welding Wire Diameter : 2.0-6.0
- Power Source Weight : 542
- Cart Weight : 65
- Dimension : 1090x695x1150

ARMADA K SERIES

DESCRIPTION

- Three phase, IGBT control DC SAW power, on wheels, fan cooled.
- Very smooth DC output, PLC control, energy saving, it can save 30% energy compared with traditional equipment.
- The circuit adopts PWM feedback control technology, stable arc, quick arc pilot, high arc penetration, deep melting pool and smooth welding line.
- The machine can work as STICK, MIG, SAW, gauging power source.
- The welding cart has its own control system.
- The spool SAW wire can be used in this equipment.
- The automatic wire feeding attributes high speed wire feeding.
- Perfect with thermal overload protection.
- The machine can do different sorts of welding, like flat welding, fillet welding, bevel welding and etc.
- The machine is designed for high efficiency automatic welding for very thick and big size work piece.
- Ideal and extremely stable equipment for heavy and very heavy industry, especially fo shipyard using.

ACCESSORIES

- Control Cable
- Connecting Cable
- Earth Cable
- Others

OPTIONAL ACCESSORIES

- Rail
- Welding cable with electrode holder
- Regulator

ACCESSORIES



ACCESSORIES



ACCESSORIES



IGBT
INVERTER

DC

CC | CV

50 / 60
Hz

3
PHASE



ARMADA K SERIES ▶ 1250K



SPECIFICATION

- Power Supply : 380V
- Max. Input Current : 140A
- No-load Voltage : 75V
- Output Range : 250-1000 A
- Rated Output : 80%@1250A
- Cart Model : Autotractor-1250-1
- Welding Speed : 10-85
- Welding Wire Diameter : 2.0-6.0
- Power Source Weight : 542
- Cart Weight : 65
- Dimension : 1090x695x1150

ARMADA K SERIES

DESCRIPTION

- Three phase, IGBT control DC SAW power, on wheels, fan cooled.
- Very smooth DC output, PLC control, energy saving, it can save 30% energy compared with traditional equipment.
- The circuit adopts PWM feedback control technology, stable arc, quick arc pilot, high arc penetration, deep melting pool and smooth welding line.
- The machine can work as STICK, MIG, SAW, gauging power source.
- The welding cart has its own control system.
- The spool SAW wire can be used in this equipment.
- The automatic wire feeding attributes high speed wire feeding.
- Perfect with thermal overload protection.
- The machine can do different sorts of welding, like flat welding, fillet welding, bevel welding and etc.
- The machine is designed for high efficiency automatic welding for very thick and big size work piece.
- Ideal and extremely stable equipment for heavy and very heavy industry, especially for shipyard using.

ACCESSORIES

- Control Cable
- Connecting Cable
- Earth Cable
- Others

OPTIONAL ACCESSORIES

- Rail
- Welding cable with electrode holder
- Regulator

ACCESSORIES



ACCESSORIES



ACCESSORIES



**IGBT
INVERTER**

DC

CC | CV

**50 / 60
Hz**

**3
PHASE**



EXTREME

▶ 140



SPECIFICATION

- Welding Type : Stick (SMAW / MMA)
- Power supply : 1 phase 220V 50Hz/60Hz
- Max Input Current at 20 degree : 19.4 A
- Max Input Current at 40 degree : 11.2 A
- OCV : 64 V
- Output Range : 15-140 A
- Rated Output at 20 degree : 60% at 140 A
- Rated Output at 40 degree : 20% at 140 A
- Electrode Dia : 1.6-3.2 mm
- Weight : 3.3 Kg
- Packing size : 360*195*230 mm

SMAW WELDING

DESCRIPTION

- Heavy duty welding standard industrial
- Easy electrical panel and display
- 1PCB Board inside with hotstart & arc force
- Anti-Sticking
- Can weld E6013 ; E7018
- Safe design with international quality

ACCESSORIES

- 1.5M CCA welding cable with electrode holder
- 1.5M CCA earth cable with earth clamp (cable 16mm², 10-25 dinse connector)

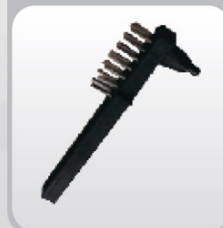
ACCESSORIES



ACCESSORIES



OPTIONAL



OPTIONAL



OPTIONAL



THYRISTOR

DC

3
PHASE

50 / 60
Hz



THERMAL PROTECT

HOT START

ARC FORCE



SPECIFICATION

- Welding Type : Stick (SMAW / MMA)
- Power supply : 1 phase 220V 50Hz/60Hz
- Max Input Current : 21,9 A
- OCV : 69 V
- Output Range : 20-200 A
- Rated Output at 40 degree : 30% at 140 A
- Electrode Dia : 1.6-5.0 mm
- Weight : 5 Kg
- Packing size : 450*245*345 mm

SMAW WELDING

DESCRIPTION

- Heavy duty welding standard industrial
- Easy electrical panel and display
- Inverter stick welder
- Anti-Sticking
- Stepless current setting
- Arc force with digital displayer
- Safe design with international quality

ACCESSORIES

- 2M CCA welding cable with 200A electrode holder
- 2 CCA earth cable with 200A earth clamp (cable 25mm², 35-70 dinse connector)

ACCESSORIES



ACCESSORIES



OPTIONAL



OPTIONAL



OPTIONAL



THYRISTOR

DC

3
PHASE

50 / 60
Hz



THERMAL
PROTECT

HOT
START

ARC
FORCE

POWER STICK ▶ 251KW



SPECIFICATION

- Power Supply : 220V
- Max Input Current : 56A
- No-load Voltage : 69 V
- Output Range : 30-250 V
- Rated Output : 60% at 250 A
- Electrode Dia. : 1.6-5.0 mm
- Weight : 6.3 Kg
- Packing Size : 480x275x350 mm

DESCRIPTION

- Portable IGBT inverter stick welder
- Power indicator
- Thermal protection
- Stepless current setting
- Hot Start
- Available for rutile and basic electrode
- Optional function as following
- Lift Arc TIG
- Cellulosic electrode
- Digital Display
- Generator friendly

ACCESSORIES

- Welding Cable (1 Piece)
- Earth Cable With Earth Lamp (1 Piece)
- Protective Mask
- Hammer/Brush
- Electrode
- BMC Case
- Belt

SMAW WELDING

ACCESSORIES



ACCESSORIES



OPTIONAL



OPTIONAL



OPTIONAL



OPTIONAL



OPTIONAL



OPTIONAL



THYRISTOR

DC

3
PHASE

50/60
Hz



Thermal
Protect

Hot
Start

Arc
Force

Optional
VRD
Voltage Reduction Device

Optional
Cellulosic
Electrode

Optional
Generator
Friendly



SPECIFICATION

- Welding Type : Stick (SMAW/MMA)
- Power supply : 1 phase 220V 50Hz/60hz
- Max Input Current at 20degree : 23.2A
- Max Input Current at 40degree : 13.4
- OCV : 64V
- Output Range : 15-160A
- Rated Output at 20degree : 40% at 160A
- Rated Output at 40degree : 20% at 160A
- Electrode Dia : 1.6-3.2mm
- Weight : 3.3 Kg
- Packing size LxWxH : 360*195*230mm

SMAW WELDING

ACCESSORIES

- 1.5M CCA welding cable with electrode holder
- 1.5M CCA earth cable with earth clamp (cable 16mm², 10-25 dinse connector)

FEATURE

- Heavy duty polyurethane coating
- by JOTUN, Norway
- IGBT & Micro Controller by Infineon, Germany
- Heavy Duty PCB by Hitachi, Japan
- Safe design with international quality
- Easy maintenance & low cost
- Heavy duty welding standard industrial
- 1 PCB Board inside with hotstart & arc force (built in)
- Anti-Sticking
- Can weld E6013 ; E7018
- Can continuous working

ACCESSORIES



ACCESSORIES



OPTIONAL



THYRISTOR

OPTIONAL



DC

OPTIONAL



3
PHASE

50
/ 60
Hz



THERMAL
PROTECT

HOT
START

ARC
FORCE

POWER STICK

▶ 250KM



SPECIFICATION

- Power Supply : 1 Phase 220V / 3 Phase 380 V
- Max Input Current : 43A at 220 / 57A at 380V
- No-load Voltage : 60V at 220V / 71V at 380 V
- Output Range : 25-200 at 220V / 30-250 at 380V
- Rated Output : 60% at 250 A
- Electrode Dia. : 2.5-4.0 A
- Weight : 18 kG
- Packing Size : 575x325x445 mm

DESCRIPTION

- Portable IGBT inverter stick welder
- Power indicator
- Thermal protection
- Stepless current setting
- Hot Start
- Available for rutile and basic electrode
- Optional function as following
- Lift Arc TIG
- Cellulosic electrode
- Digital Display
- Generator friendly

ACCESSORIES

- Welding Cable (1 Piece)
- Earth Cable With Earth Lamp (1 Piece)
- Protective Mask
- Hammer/Brush
- Electrode
- BMC Case
- Belt

SMAW WELDING



THYRISTOR

DC

3
PHASE

50 / 60
Hz



POWER STICK

▶ 200KW

SPECIFICATION

- Power Supply : 220V
- Max Input Current : 43 A
- No-load Voltage : 69 V
- Output Range : 30-200 A
- Rated Output : 40% at 200 A
- Electrode Dia. : 1.6-5.0 mm
- Weight : 6.2 Kg
- Packing Size : 380x215x330 mm

DESCRIPTION

- Portable IGBT inverter stick welder
- Power indicator
- Thermal protection
- Stepless current setting
- Hot Start
- Available for rutile and basic electrode
- Optional function as following
- Lift Arc TIG
- Cellulosic electrode
- Digital Display
- Generator friendly

ACCESSORIES

- Welding Cable (1 Piece)
- Earth Cable With Earth Lamp (1 Piece)
- Protective Mask
- Hammer/Brush
- Electrode
- BMC Case
- Belt

SMAW WELDING

ACCESSORIES



ACCESSORIES



OPTIONAL



OPTIONAL



OPTIONAL



OPTIONAL



OPTIONAL



OPTIONAL



THYRISTOR

DC

3
PHASE

50/60
Hz



Thermal
Protect

Hot
Start

Arc
Force

Optional
VRD
Voltage Reduction Device

Optional
Cellulosic
Electrode

Optional
Generator
Friendly



SPECIFICATION

- Power Supply : 380 V
- Max Input Current : 28 A
- No-load Voltage : 72 A
- Output Range : 20-400 A
- Rated Output : 60% at 400 A
- Electrode Dia. : 1.6-8.0 A
- Weight : 34 Kg
- Packing Size : 580x300x670 mm

DESCRIPTION

- Semi-professional IGBT
- Inverter stick welder
- Power Indicator
- Thermal Protection
- Digital display
- Stepless current setting
- Current Preset
- Hot Start
- ARC Force adjustable
- Accept +/-20% Voltage
- Fluctuation
- Available for rutile and basic
- Electrode

ACCESSORIES

- Welding Cable (1 Piece)
- Earth Cable With Earth Lamp (1 Piece)
- Protective Mask
- Hammer/Brush
- Electrode
- Remote Control
- TIG Torch

SMAW WELDING

ACCESSORIES



ACCESSORIES



OPTIONAL



OPTIONAL



OPTIONAL



OPTIONAL



OPTIONAL



OPTIONAL



THYRISTOR

DC

3
PHASE

50/60
Hz



THERMAL
PROTECT

HOT
START

ARC
FORCE

Optional
VRD
VOLTAGE REDUCTION DEVICE

Optional
CELLULOSIC
ELECTRODE

Optional
GENERATOR
FRIENDLY

INVERDELTA

▶ 500WL



SPECIFICATION

- Power Supply : 380V
- Max Input Current : 23.7A
- No-load Voltage : 76
- Output Range : 25-500A
- Rated Output : 60% AT 500A
- Electrode Dia. : 1.6-6.0A
- Weight : 25.5 Kg
- Packing Size : 650x352x553 mm

DESCRIPTION

- Semi-professional IGBT
- Inverter stick welder
- Power Indicator
- Thermal Protection
- Digital display
- Stepless current setting
- Current Preset
- Hot Start
- ARC Force adjustable
- Accept +/-20% Voltage
- Fluctuation
- Available for rutile and basic
- Electrode

ACCESSORIES

- Welding Cable (1 Piece)
- Earth Cable With Earth Lamp (1 Piece)
- Protective Mask
- Hammer/Brush
- Electrode
- Remote Control
- TIG Torch

SMAW WELDING



THYRISTOR

DC

3
PHASE

50/60
Hz



INVERDELTA

▶ 630WI



SPECIFICATION

- Power Supply : 380V
- Max Input Current : 54A
- No-load Voltage : 76A
- Output Range : 30-630A
- Rated Output : 60% at 630A
- Electrode Dia. : 1.6-8.0 mm
- Weight : 55Kg
- Packing Size : 740x430x810 mm

DESCRIPTION

- Semi-professional IGBT
- Inverter stick welder
- Power Indicator
- Thermal Protection
- Digital display
- Stepless current setting
- Current Preset
- Hot Start
- ARC Force adjustable
- Accept +/-20% Voltage
- Fluctuation
- Available for rutile and basic
- Electrode

ACCESSORIES

- Welding Cable (1 Piece)
- Earth Cable With Earth Lamp (1 Piece)

OPTIONAL ACCESSORIES

- Protective Mask
- Hammer/Brush
- Electrode
- Remote Control
- TIG Torch

SMAW WELDING

ACCESSORIES



ACCESSORIES



OPTIONAL



OPTIONAL



OPTIONAL



OPTIONAL



OPTIONAL



OPTIONAL



THYRISTOR

DC

3
PHASE

50 / 60
Hz



THERMAL
PROTECT

HOT
START

ARC
FORCE

Optional
VRD
VOLTAGE REDUCTION DEVICE

Optional
CELLULOSIC
ELECTRODE

Optional
GENERATOR
FRIENDLY



SPECIFICATION

- Power Supply : 380 V
- Max Input Current : 27A
- No-load Voltage : 60V
- Output Range : 40-350A
- Rated Output : 60% at 350A
- Electrode Dia. : 0.8-1.2 mm
- Weight : 45Kg
- Packing Size : 430x690x710 mm

MIG WELDING

DESCRIPTION

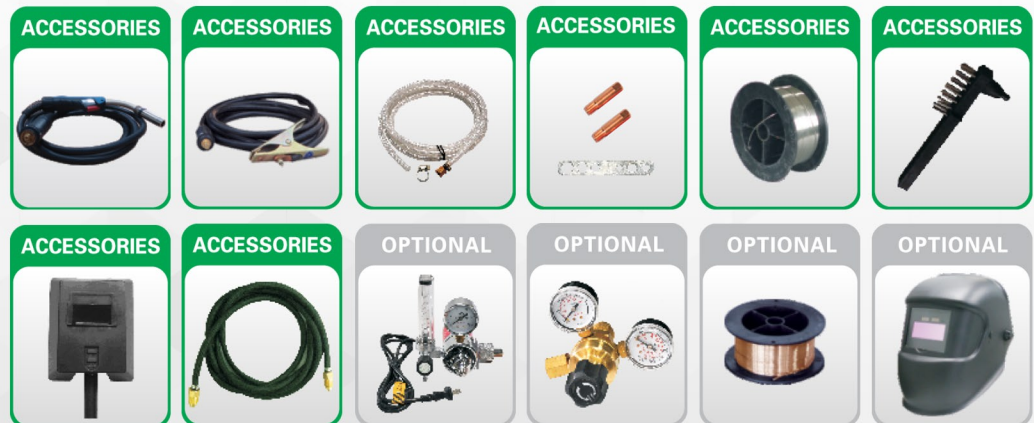
- Inverter MIG welder
- Power Indicator
- Thermal Protection
- Digital Display
- Stepless Heat Control
- Stepless Wire Feed Setting
- Removable MIG Torch
- Electronic Gas Valve
- Volt/amp Display
- Slow Wire Feeding
- Manual Wire Feeding
- Wire Diameter Choose
- 2T/4T
- Available for 15Kgs spool

ACCESSORIES

- MIG Torch (1pc)
- Earth Cable and Clamp (1pc)
- Gas Hose and Clamp (1pc)
- Contact Tip (2pc)
- Other Small Accessories (1pc)

OPTIONAL ACCESSORIES

- Protective Mask
- Regulator
- Wire





SPECIFICATION

- Power Supply : 380V
- Max Input Current : 41.8A
- No-load Voltage : 68V
- Output Range : 50-500A
- Rated Output : 60% at 630A
- Electrode Dia. : 0.8-1.6 mm
- Weight : 50 Kg
- Packing Size : 430x690x710 mm

MIG WELDING

DESCRIPTION

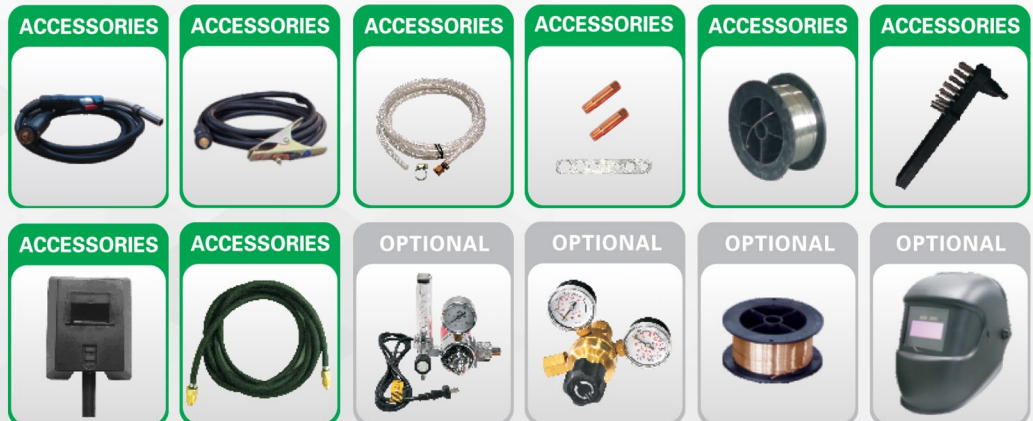
- Inverter MIG welder
- Power Indicator
- Thermal Protection
- Digital Display
- Stepless Heat Control
- Stepless Wire Feed Setting
- Removable MIG Torch
- Electronic Gas Valve
- Volt/amp Display
- Slow Wire Feeding
- Manual Wire Feeding
- Wire Diameter Choose
- 2T/4T
- Available for 15Kgs spool

ACCESSORIES

- MIG Torch (1pc)
- Earth Cable and Clamp (1pc)
- Gas Hose and Clamp (1pc)
- Contact Tip (2pc)
- Other Small Accessories (1pc)

OPTIONAL ACCESSORIES

- Protective Mask
- Regulator
- Wire



MIG/STICK

▶ 250KD



SPECIFICATION

- Welding Type : MIG/MMA
- Power supply : 3 phase 380V/50Hz
- Max Input Current : 15A
- OCV : 53V
- Output Range MIG : 50-250A
- Output Range MMA : 30-200A
- Rated Output at 40 degree : 60% at 250A
- Rated Output at 20 degree : 80% at 250A
- Electrode Dia : 0.8-1.0 mm
- Weight : 41 Kg
- Packing size : 860*420*730 mm

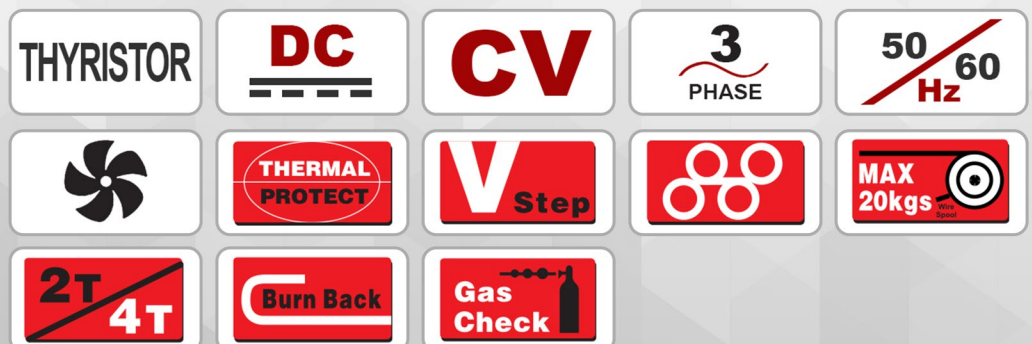
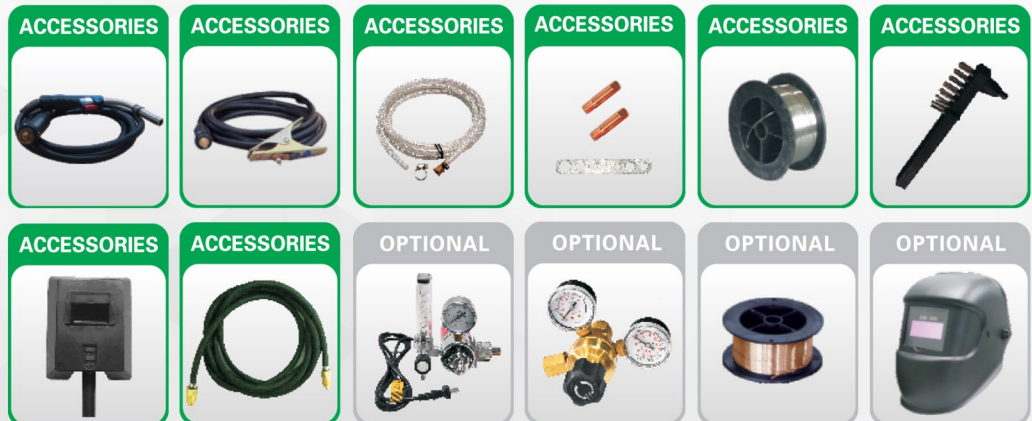
MIG WELDING

DESCRIPTION

- Heavy duty welding standard industrial
- Easy electrical panel and display
- IGBT Inverter MIG welder
- Stepless voltage setting
- Digital display
- Stepless wire feed setting
- Can do MMA / Stick Welding

ACCESSORIES

- 4M MIG 36 Torch with 0.8mm contact tip
- 3M grounding cable 25mm² with earth clamp
- 3M (Φ8mm) gas hose with gas connector
- Small wrench



MIG/STICK

▶ 251KD



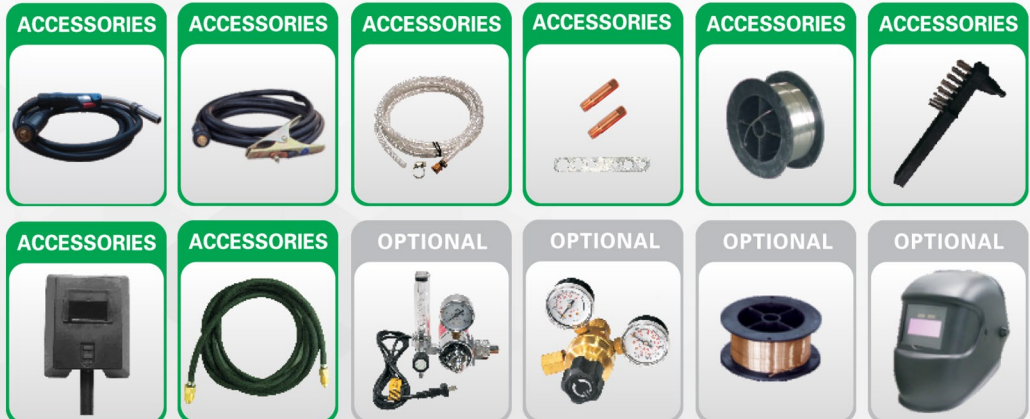
SPECIFICATION

- Welding Type : MIG/MMA
- Power supply : 1 phase 220V,50Hz/60hz
- Max Input Current : 45A
- OCV : 55V
- Output Range MIG : 50-250A
- Output Range : MMA 30-200A
- Rated Output at 40 degree : 60% at 250
- Rated Output at 20 degree : 80% at 250
- Electrode Dia : 0.6 - 1.2 mm
- Weight : 41 Kg
- Packing size : 904*467*768 mm

MIG WELDING

DESCRIPTION

- Heavy duty welding standard industrial
- Safe design with international quality
- Stepless voltage setting
- Digital display
- Stepless wire feed setting
- 2T/4T
- Easy to operating and maintenance



WATER TANK

▶ WR-82



SPECIFICATION

- Rated Input Capacity : 0.22 Kva
- Rate of flow : 10 L/min
- Volume : 7L
- Weight : 19 Kg
- Packing Size : 300x392x580 mm

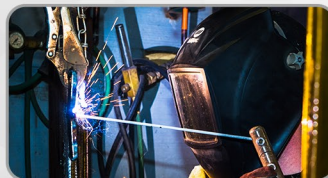
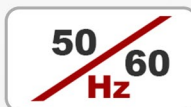
DESCRIPTION

- Heavy duty welding standard industrial
- Easy electrical panel and display
- IGBT Inverter MIG welder
- Stepless voltage setting
- Digital display
- Stepless wire feed setting
- Can do MMA / Stick Welding

ACCESSORIES

- 4M MIG 36 Torch with 0.8mm contact tip
- 3M grounding cable 25mm² with earth clamp
- 3M (Φ8mm) gas hose with gas connector
- Small wrench

PLASMA CUTTING





SPECIFICATION

- Welding Type : TIG / GTAW
- Power supply : 1phase 220V 50Hz/60hz
- Max Input Current : 18A
- OCV : 82V
- Output Range TIG : 10-200A
- Output Range MMA : 20-180A
- Rated Output : 30% at 200A
- Weight : 6,3Kg
- Packing size : 480*275*350 mm

DESCRIPTION

- Heavy duty welding standard industrial
- Easy electrical panel and display
- Inverter DC HF Pulse tig
- 0-5s gas post-flow adjustable
- 0- 60s down slope adjustable
- Digital control panel

TIG (GTAW) WELDING

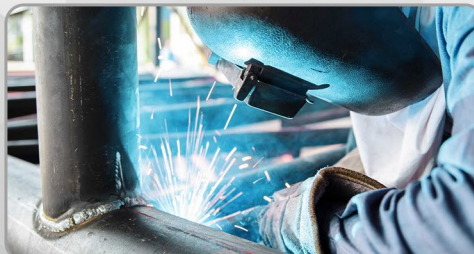


DC

CV

3
PHASE

50 / 60
Hz



SPECIFICATION

- Welding Type : TIG (GTAW)
- Power supply : 3ph 380V 50Hz
- Max Input Current : 19A
- Output Current TIG : 20-315A
- Output Current MMA : 20-250A
- Output Current Voltage : 65V
- Rated Output 35% at TIG 315A, MMA 250A
- Electrode Dia : 0.6-5
- Weight : 40Kg
- Packing size : 615*375*515mm

ACCESSORIES

- WP-18 TIG Torch with 2pin socket with 7# nozzle (4m)
- 3.2mm collect holder
- Grounding cable 25 mm² with 35-70 dinse connector (2m)
- 8mm gas hose (3m) & hose clamp

FEATURE

- Heavy duty polyurethane coating by Jotun, Norway
- Heavy Duty PCB by Hitachi, Japan
- IGBT Modules by Infineon, Germany
- Completed with IGBT Inverter AC/DC TIG
- TIG Pulse with 2T/4T
- Preflow & Postflow
- Removable MIG torch
- Downslope & upslope
- Burn back and gas check
- Arc force & anti sticking

TIG (GTAW) WELDING



DC

CV

3
PHASE

50
~~60~~
Hz





SPECIFICATION

- Power Supply : 380V
- Max. Input Current : 26A
- No-load Voltage : 70V
- Output Range : TIG20-400A, MMA25-350A
- Rated Output : 80% at 400A
- Weight : 38Kg
- Packing size : 576x297x557mm

TIG (GTAW) WELDING

ACCESSORIES

- TIG Torch
- Earth cable with earth clamp and quick connector
- Gas hose with hoop and connector
- Accessories for TIG torch

OPTIONAL ACCESSORIES

- Foot Pedal
- Welding cable with electrode holder
- Regulator

DESCRIPTION

- Single phase, IGBT AC/DC TIG, pulse
- TIG and DC MMA, fan cooled
- Power Indicator
- Thermal Protection
- Digital Display
- Gas Post Flow
- Gas Pre Flow
- 2T/4T
- Pulse Frequency Adjustment
- Pulse Current Adjustment
- Pulse Width Adjustment
- Slope Up
- Slope Down
- Clean Are Adjustment

ACCESSORIES



ACCESSORIES



ACCESSORIES



ACCESSORIES



OPTIONAL



OPTIONAL



**IGBT
INVERTER**

**AC
DC**

CC

**3
PHASE**

**50 / 60
Hz**



**THERMAL
PROTECT**

**Gas
Pre-flow**

**Slope
Down**

**Gas
Check**

2T / 4T

Pulse

INVERTER

▶ WAVE 200KD



SPECIFICATION

- Power Supply : 220V
- Max. Input Current : 34A
- No-load Voltage : 68V
- DC TIG Current Range : 5-200A
- AC TIG Current Range : 10-200A
- MMA Current Range : 5-170A
- Rated Output : 60% at 200A
- Weight : 38Kg

TIG (GTAW) WELDING

ACCESSORIES

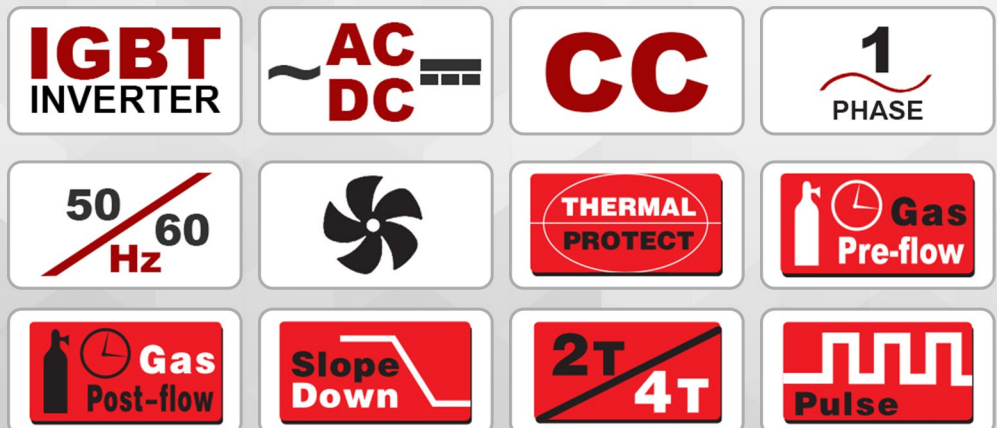
- TIG Torch
- Earth cable with earth clamp and quick connector
- Gas hose with hoop and connector
- Accessories for TIG torch

OPTIONAL ACCESSORIES

- Foot Pedal
- Welding cable with electrode holder
- Regulator

DESCRIPTION

- Single phase, IGBT AC/DC TIG, pulse
- TIG and DC MMA, fan cooled
- Power Indicator
- Thermal Protection
- Digital Display
- Gas Post Flow
- Gas Pre Flow
- 2T/4T
- Pulse Frequency Adjustment
- Pulse Current Adjustment
- Pulse Width Adjustment
- Slope Up
- Slope Down
- Clean Are Adjustment



WAVE 203mini

▶ PFC VERSION



SPECIFICATION

- Welding Type : TIG (GTAW)
- Power supply : 1ph-110/220v 50/60Hz
- Max Input Current : 18A
- Output Current TIGAC : 20-200A
- Output Current TIGDC : 10-200A
- Output Current MMA : 20-160A
- Output Current Voltage : 65V
- Rated Output : 30% at TIG 200A, MMA 160A
- Electrode Dia : 1.6-4.0mm
- Weight : 25Kg
- Packing size : 575*325*445 mm

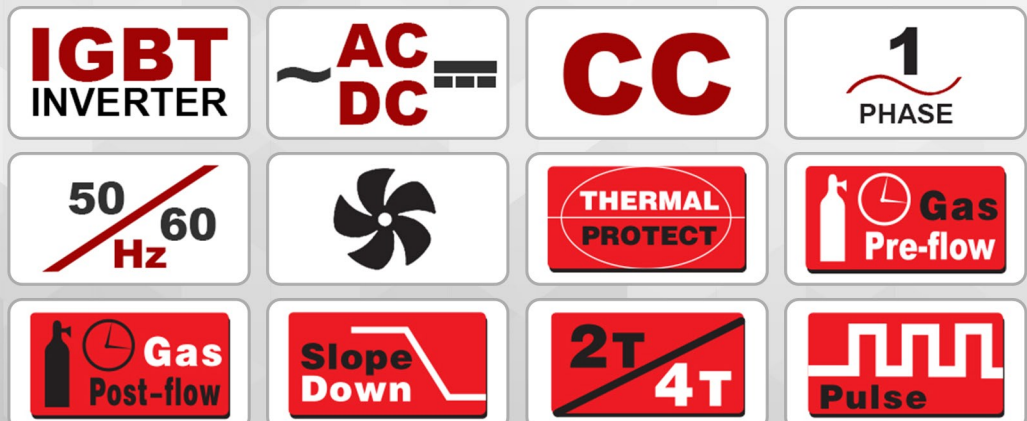
TIG (GTAW) WELDING

ACCESSORIES

- WP-26 TIG Torch with 5 cores socket with 6# nozzle (4m)
- 3.2mm collect holder
- Grounding cable 16mm²
- with 35-70 dinse connector (3m)

FEATURE

- Heavy duty polyurethane coating by Jotun, Norway
- IGBT Modules by Infineon, Germany
- Heavy Duty PCB by Hitachi, Japan
- Completed with IGBT Inverter AC/DC TIG
- TIG Pulse with 2T/4T
- Preflow & Postflow
- Downslope & upslope
- Burn back and gas check
- Arc force & anti sticking
- Continuous Working Duty Cycle





SPECIFICATION

- Welding Type : Plasma Cutting
- Power supply : 3ph-380V 50V
- Input current : 16 A
- Output current : 20-100 A
- OCV : 284 V
- Rated output current : 45% at 100A
- Cutting Gas Pressure : 0.45 mpa
- Cutting gas flow : 250 (L/min)
- Max Cutting Thickness : 30 mm
- Best Quality Cutting Thickness : 20 mm
- Size : 570*320*440 mm
- GW : 35 Kg

PLASMA CUTTING

FEATURES

- Safe design with international quality.
- Completed with overheating protection.
- Completed with overheating & low pressure protection.
- High frequency arc.
- Completed with digital display.
- Easy to Operating and Maintenance.

ACCESSORIES

- P80 Plasma Cutting Torch (5M).
- Earth cable 16mm² with 200A earth clamp (3M).
- 8mm gas hose (3M)
- QAW3000 gas regulator

ACCESSORIES



ACCESSORIES



ACCESSORIES



ACCESSORIES

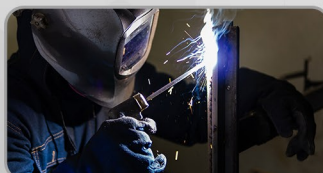
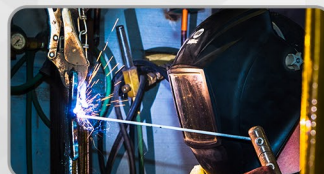


**IGBT
INVERTER**

**AC
DC**

CC

**3
PHASE**





SPECIFICATION

- Type : Plasma Cutting
- Power supply : 3ph-380V 50/60HZ
- Input Current : 13.5A
- OCV : 315V
- Output Range : 25-70A
- Rated Output : 60% at 70A
- Max cutting carbon : 25mm
- Quality cutting carbon : 17mm
- Weight : 17Kg

PLASMA CUTTING

FEATURES

- Heavy duty polyurethane coating by Jotun, Norway
- IGBT & Micro Controller by Infineon, Germany
- Heavy Duty PCB by Hitachi, Japan
- Safe design with international quality
- Easy power control with inverter plasma cutting
- Thermal protect & High Frequency arc piloting
- Narrow & smooth cutting
- Pulse Frequency Efficiency
- Ideal equipment to cut all kinds of conductive material
- Portable plasma cutters
- Air cooling system

ACCESSORIES

- P-80 cutting torch
- 3m*10mm² earth cable with 200 (A) earth clamp
- 35-70 quick connector
- 3m*Φ8mm tube

ACCESSORIES



ACCESSORIES



ACCESSORIES



ACCESSORIES

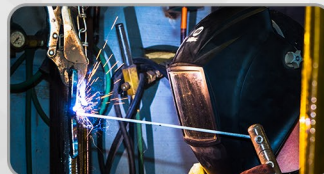


**IGBT
INVERTER**

**AC
DC**

CC

**3
PHASE**



PLASMA CUTTING

▶ Power Cut 40K PLUS

SPECIFICATION

- Welding Type : Plasma Cutters
- Power supply : 1phase-230V 50/60HZ
- Input Current : 28V
- OCV : 293V
- Output Range : 15-40A
- Rated Output : 60% at 40A
- Max cutting carbon : 10mm
- Quality cutting carbon : 8mm
- Weight : 9.5 Kg
- Packing size : 420*300*330 mm



PLASMA CUTTING

DESCRIPTION

- Heavy duty welding standard industrial with easy electrical panel & display.
- Easy power control with IGBT inverter Plasma Cutters.
- Thermal protect & High Frequency. Gas Pre-Flow and Post-Flow & Stepless setting
- Pulse Frequency Efficiency.
- Ideal equipment to cut all kinds of conductive material

ACCESSORIES

- JG-40 cutting torch
- 3m earth cable 6mm² with 10-25 connector with 200 (A) earth clamp
- 3m gas hose Φ8 (mm)
- AW2000-02 Gas regulator

ACCESSORIES



ACCESSORIES



ACCESSORIES



ACCESSORIES

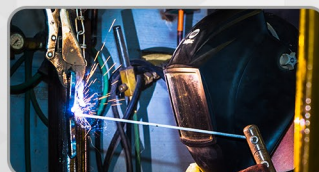
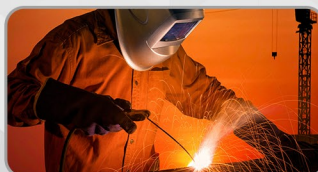


**IGBT
INVERTER**

**AC
DC**

CC

**1
PHASE**



PLASMA CUTTING

▶ Power Cut 50K PLUS



SPECIFICATION

- Input Power : 1Phase-230V 50HZ
- Rated Input Capacity : 9.5 KVa
- Output open circuit voltage : 280V
- Welding current adjustment range : 15-50A
- Rated Output : 60% at 40A
- Weight : 9.5 Kg
- Suggested cutting thickness : 10mm
- Max. Cutting Thickness : 8mm
- Packing Dimension : 420x300x330 mm

PLASMA CUTTING

DESCRIPTION

- Three phase, MOS inverter plasma cutting, fan cooled.
- Smooth DC, HF arc piloting, narrow and smooth cutting seam.
- Ideal equipment for all conductive metal cutting in DIY and light industry use.

ACCESSORIES

- Cutting Torch
- Earth Cable with Clamp
- Gas hose with connector and hoop
- Other

ACCESSORIES



ACCESSORIES



ACCESSORIES



ACCESSORIES

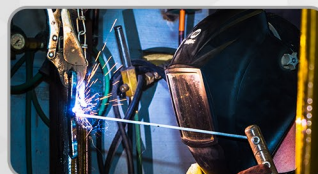


IGBT
INVERTER

~ **AC** = **DC**

CC

1
PHASE





SPECIFICATION

- Input Power : 380V
- Rated Input Current : 27A
- Rated Input Capacity : 17.8 KVA
- Output Open Circuit Voltage : 320 KVA
- Rated Working Voltage : 120
- Output Current Adjustment Range : 30-100A
- Duty Cycle : 60%A
- Used Pressure Cutting Torch Guns Using Pressure : 0.45
- Recommend Cutting Thickness : 1-20mm
- Max.Cutting Thickness : 30mm
- Weigh : 43.2 Kg
- Dimension : 650x390x805 mm

INVERCUT SERIES

DESCRIPTION

- Professional IGBT Plasma Cutter
- HF Frequency
- Power Indicator
- Thermal Protection
- Stepless Current Setting
- Digital Display
- 2T/4T
- Fan on Demand

ACCESSORIES

- Eart Cable With Clamp
- Reglator
- Gas Hose

OPTIONAL ACCESSORIES

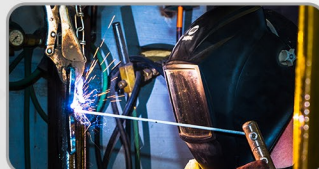
- Gas Cooling Torch (For Trident 40,60,80,100,120)
- Water Cooling Torch (For Trident 160,200)

**IGBT
INVERTER**

**AC
DC**

CC

**3
PHASE**





SPECIFICATION

- Input Power : 380V
- Rated Input Current : 35A
- Rated Input Capacity : 23 KVa
- Output Open Circuit Voltage : 320 KVa
- Rated Working Voltage : 128
- Output Current Adjustment Range : 30-120A
- Duty Cycle : 60%A
- Used Pressure Cutting Torch Guns Using Pressure : 0.45
- Recommend Cutting Thickness : 1-25 mm
- Max.Cutting Thickness : 35mm
- Weigh : 43.5 Kg
- Dimension : 650x390x805 mm

INVERCUT SERIES

DESCRIPTION

- Professional IGBT Plasma Cutter
- HF Frequency
- Power Indicator
- Thermal Protection
- Stepless Current Setting
- Digital Display
- 2T/4T
- Fan on Demand

ACCESSORIES

- Ear Cable With Clamp
- Reglator
- Gas Hose

OPTIONAL ACCESSORIES

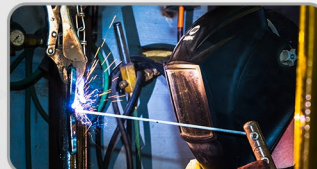
- Gas Cooling Torch (For Trident 40,60,80,100,120)
- Water Cooling Torch (For Trident 160,200)

**IGBT
INVERTER**

**AC
DC**

CC

**3
PHASE**





SPECIFICATION

- Input Power : 3Phase-380V 50HZ
- Rated Input Capacity : 50 Kva
- Output open circuit voltage : 300V
- Welding current adjustment range : 20A-125A
- Rated Output : 60% at 125A
- Weight : 30Kg
- Suggested cutting thickness : 35 mm
- Max. Cutting Thickness : 22 mm
- Packing Dimension : 650x390x805 mm

INVERCUT SERIES

DESCRIPTION

- Three phase, MOS inverter plasma cutting, fan cooled.
- Smooth DC, HF arc piloting, narrow and smooth cutting seam.
- Ideal equipment for all conductive metal cutting in DIY and light industry use.

ACCESSORIES

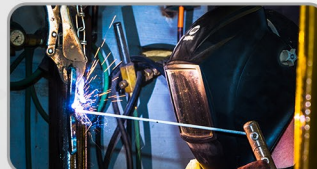
- Cutting Torch
- Earth Cable with Clamp
- Gas hose with connector and hoop
- Other

**IGBT
INVERTER**

**AC
DC**

CC

**3
PHASE**





SPECIFICATION

- Output Power : 120/240V, 50/60Hz
- Output Power : 2Kva
- Max Power : 2.2Kva
- Fuel Tank : 15L
- Start Type : Manual
- Rate Input Current : 16.7/8.3A
- Welding Current : 65 - 190A
- Duty Cycle : 50% at A
- Electrode / Wire Dia : 1.6-4.0mm
- Rate Ampere : 190 A
- Machine Size : 740x500x590 mm
- Package Size : 780x570x600 mm
- Net Weight : 113 Kg

ENGINE DRIVEN

DESCRIPTION

- Dual voltage socket
- 50% high duty cycle
- Continuously working 8 hours
- Heavy duty powder coating by Jotun, Sweden
- Thermal Protection
- Stepless Welding Current Setting

ACCESSORIES

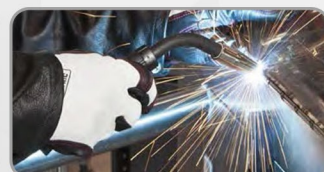
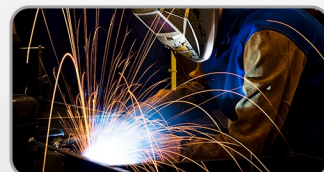
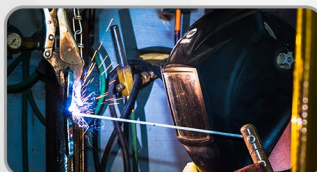
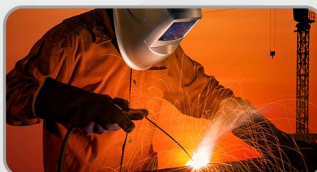
- 4m welding cable and electrode holder
- 3m earth cable with earth clamp

**IGBT
INVERTER**

**AC
DC**

CC

**3
PHASE**





SPECIFICATION

- Output Power : 120/240V, 50/60Hz
- Output Power : 8.5 Kva
- Max Power : 9 Kva
- Fuel Tank : 38L
- Start Type : Electric
- Rate Input Current : 70.8/35.4 A
- Open Circuit Voltage : 75V
- Welding Current : 60-260A
- Duty Cycle : 50% at A
- Electrode/Wire Dia : 2.0 -5.0 mm
- Rate Ampere : 260A
- Machine Size : 1180x628x700mm
- Package Size : 1220x700x725mm
- Net Weight : 240Kg

ENGINE DRIVEN

DESCRIPTION

- Dual voltage socket
- 60% high duty cycle
- Hatchback design & convenient maintenance
- Heavy duty powder coating by Jotun, Sweden
- Thermal Protection
- Multi-process MIG/Stick/

ACCESSORIES

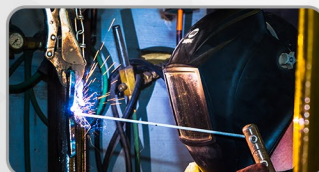
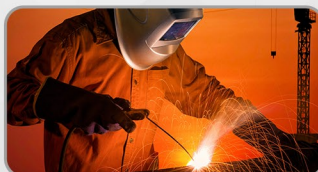
- 6m welding cable and electrode holder
- 4m earth cable with earth clamp

**IGBT
INVERTER**

**AC
DC**

CC

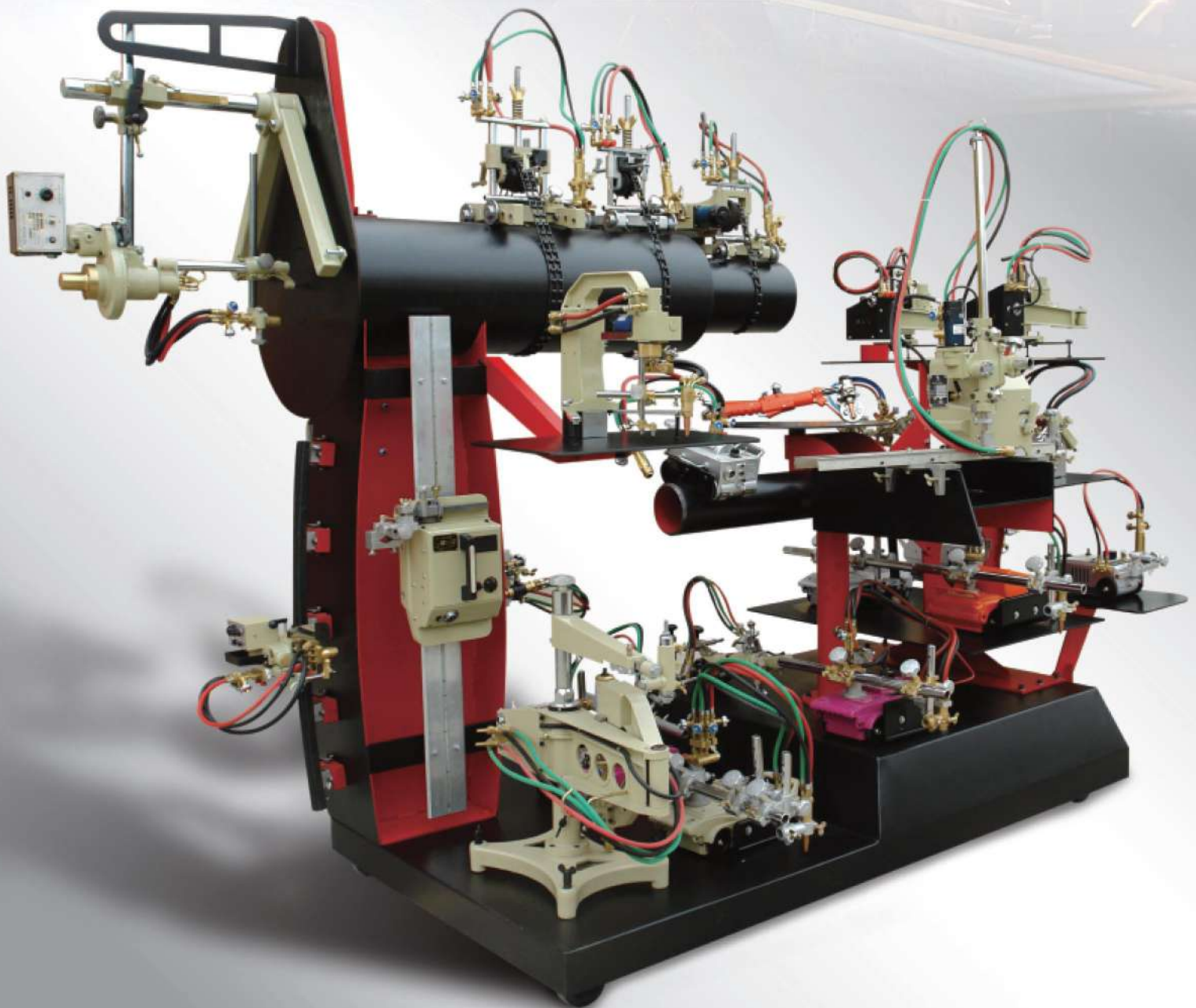
**3
PHASE**



FUJIIWELD

フジ ウェルディング イクイップメント

GAS CUTTING MACHINE



GAS CUTTING MACHINE



FJW1-30H (Gas Cutting Machine)

- ☑ The main body is made of high strength alloy aluminum by die-casting.
- ☑ All parts of holder is made of alloy copper, durable use.
- ☑ Worm wheel and worm is Gear-box is made of special material, bear wear and tear.
- ☑ The speed system is adjusted by feeler of controlling silicon unit, easy operating.
- ☑ Quick switch for hose assembly, easy operating
- ☑ Suitable for ship building, oil, chemical, and metal structure factory, etc.



FJW1-100H (Gas Cutting Machine)

- ☑ The main body is made of high strength alloy aluminum by die-casting.
- ☑ The speed system is adjusted by feeler of controlling silicon unit, easy operating.
- ☑ Quick switch for hose assembly, easy operating.
- ☑ All key parts is made of copper, durable use.
- ☑ Two torches improve work efficiency and work for different slope cutting.
- ☑ Suitable for ship building, oil, chemical, and metal structure factory, etc.



FJW1-30H-D (Gas Cutting Machine)

- ☑ The main body is made of high strength alloy aluminum by die-casting.
- ☑ The speed system is adjusted by feeler of controlling silicon unit, easy operating.
- ☑ Quick switch for hose assembly, easy operating.
- ☑ All key parts is made of copper, durable use.
- ☑ With auto-ignition devise, easy operating, high safety.
- ☑ Auto-ignition devise with high efficiency, fast and save time.
- ☑ Suitable for ship building, oil, chemical, and metal structure factory, etc.

Model No.	LxWxH (mm)	Supply Voltage V/Hz	Cutting Thickness (mm)	Cutting Speed (mm/min)	Dia. Of. Circle Cutting (mm)	Total Weight (Kg)
FJW1-30H (Durable Type)	435x210x240	AC220/50	6-100	50-750	φ200-φ2000	16
FJW1-100H (Durable Type)	435x210x240	AC220/50	6-100	50-750	φ200-φ2000	18.5
FJW1-30H-D (Auto Ignition)	435x210x240	AC220/50	6-100	50-750	φ200-φ2000	16.5

GAS CUTTING MACHINE



FJW1-30 (Gas Cutting Machine)

- ☑ The main body is made of aluminum of high strength by diecasting minutely.
- ☑ Speed system is adjusted by controlled silicon.
- ☑ Attached quick connector for hose quick link.
- ☑ Quick switch is attached in pipe assembly for higher efficiency.
- ☑ Single torches cutting, beveling range: I.Y.V (45°).
- ☑ Applied in shipbuilding, oil production, metallurgy, metal structure and other manufacturers etc.



FJW1-100H (Gas Cutting Machine)

- ☑ The main body is made of aluminum of high strength by diecasting precisely.
- ☑ Speed system is adjusted by controlled silicon.
- ☑ Quick connector is attached for hose quick link.
- ☑ Quick switch is attached in pipe assembly for higher efficiency.
- ☑ Double torches cutting, beveling range: LY.V (45°).
- ☑ Applied in shipbuilding, oil production, metallurgy, metal structure and other manufacturers etc.



FJW1-30K (Plasma Cutting Machine)

- ☑ The main body is made of high strength alloy aluminum by die-casting, Can be fixed plasma torch for stainless steel.
- ☑ The speed system is adjusted by feeler of controlling silicon unit, easy operating.
- ☑ Attached plasma are cable joint, control on plasma arc, 3-4 times of normal carriage in speed to meet thin plate cutting.
- ☑ Suitable for ship building, oil, chemical, and metal structure factory, etc.

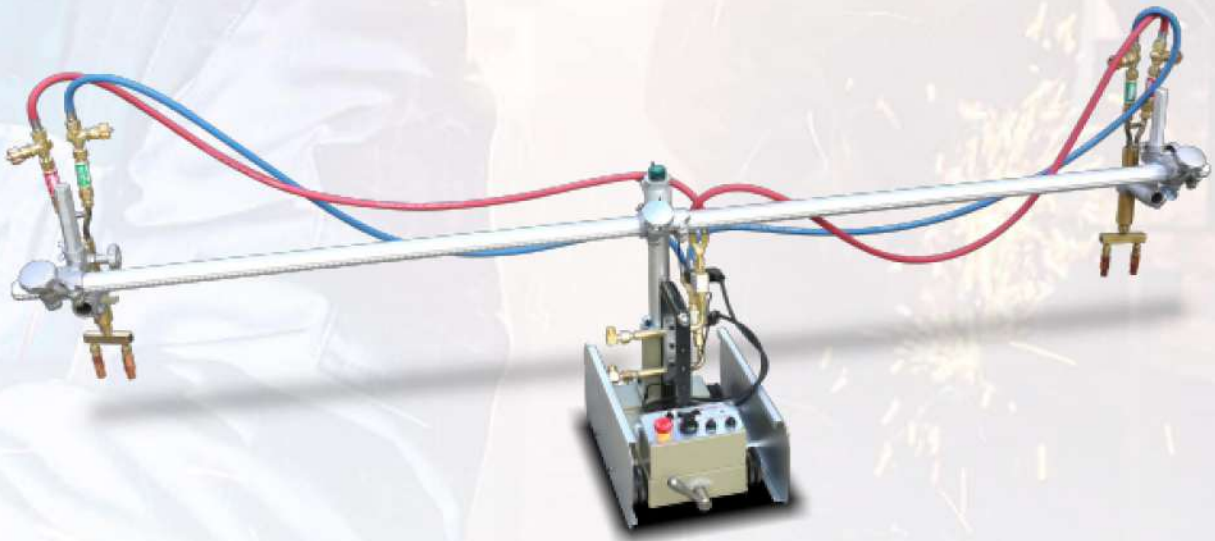
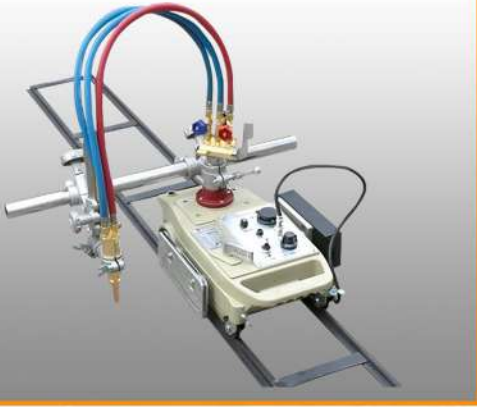
Note: this machine has no torch assembly, need order as per definite requirement.

Model No.	LxWxH (mm)	Supply Voltage V/Hz	Cutting Thickness (mm)	Cutting Speed (mm/min)	Dia.Of.Circle Cutting (mm)	Total Weight (Kg)
FJW1-30 (Imvroved)	470x230x240	AC220/50	6-100	50-750	φ200-φ2000	16
FJW1-100H (Imvroved)	470x230x240	AC220/50	6-100	50-750	φ200-φ2000	17.5
FJW1-30K (Imvroved)	470x230x240	AC220/50	Option As per Cutting Required	50-4500	φ200-φ2000	12.5

GAS CUTTING MACHINE

FJW1-30C (Gas Cutting Machine)

- ☑ The integration main body is made of aluminum of high strength by die-casting, to ensure this machine with a small size, light weight and reliable durability.
- ☑ The machine is applied low-built design to increase the stability of movement.
- ☑ The machine is not only used for straight cutting but also circular cutting with diameter >φ200mm.
- ☑ The machine has a decoupled battery as power source which is suit for some special cases without power supply, such as outdoor.
- ☑ The machine also can work with power supply AC220V/50Hz.
- ☑ The machine is widely used to oil production, chemical industry, metal structure and other manufacturers etc.



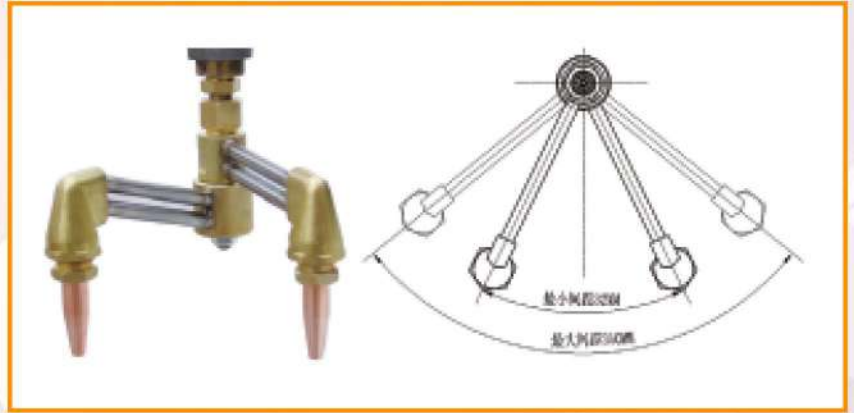
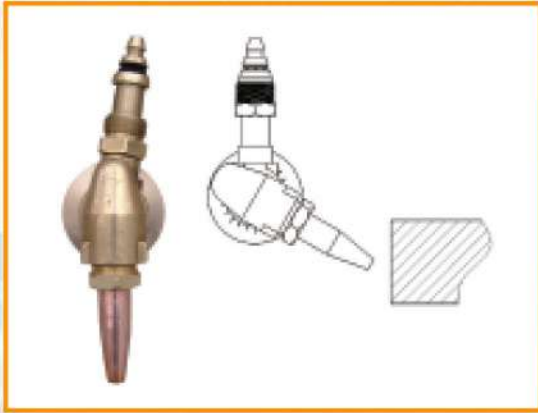
FJW-17H (Carriage Type Back Heating Machine)

- ☑ Eliminate the stress generated after welding the steel plate.
- ☑ The working speed of this machine is about 3-5 times faster than manual work.
- ☑ The machine travels at a uniform speed, making it more stable and better than manual baking.
- ☑ Weight is about 17kg, which is very convenient to carry.



Model No.	LxWxH (mm)	Supply Voltage V/Hz	Correction Thickness (mm)	Cutting Thickness (mm)	Cutting Speed (mm/min)	Dia.Of.Circle Cutting (mm)	Total Weight (Kg)
FJW1-30C	435x210x240	Lithium Battery	/	6-100	50-750	φ200-φ2000	14.8
FJW-17H	407x627x467	AC220/50	6-30	/	50-80 (Travel Speed)	/	17

GAS CUTTING MACHINE



Model No.	Cutting Thickness (mm)	Bevel Angle Adjustable	Tip Type	Tip Taper Angle	Minimum Cutting Width (mm)	Maximum Cutting Width (mm)
FJW-1	75	0°~45°	G0 ₂ or G0 ₃	30°	/	/
FJW-2	75	/	G0 ₂ or G0 ₃	30°	32	310



FJW1-100H (Cutting Machine)

- ✓ FJW1-30-MAX-3 cutting machine adopts high-strength aluminium alloy ingot materials and is manufactured through accurate die-casting. Its structure is designed reasonably with good stability in movement.
- ✓ The speed control system of the device adopts a mechanical two-cone stepless speed change system to control the speed more intuitively.
- ✓ The device adopts a double-layer insulation board, which substantially reduces the impact of high temperature and moist environment in cutting.
- ✓ The machine adopts an imported alternator with cooling fan, in which the carbon brush need not be changed.
- ✓ The device is extremely appropriate for cutting moderately thick materials, and two cutting torches may be installed in the same time as needed to cut a groove;
- ✓ The user may also selectively purchase disk guide rail and radius rod to cut round spare parts.
- ✓ The device is applicable to ship building, petroleum, metallurgy, and metal structure, etc.

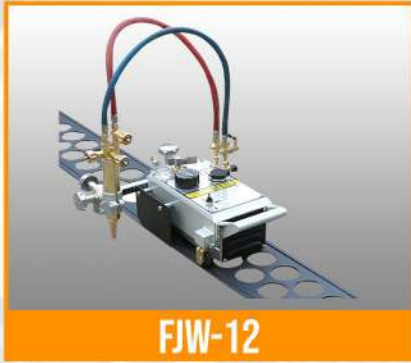


FJW-5NX (Cutting Machine)

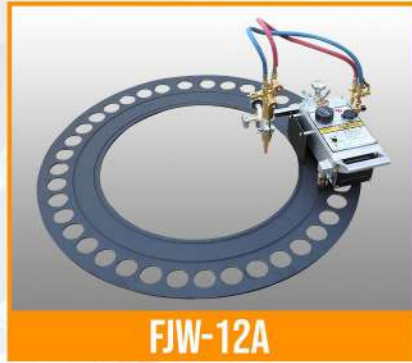
- ✓ HFJW-5NX cutting machine adopts high-strength aluminium alloy ingot materials and is manufactured through accurate die-casting. Its structure is designed reasonably with good stability in movement.
- ✓ The speed control system of the device adopts a mechanical noise-reduction protection stepless speed change system to control the speed, which is convenient for operation and maintenance.
- ✓ The device adopts mechanical reversing system and the motor may rotate toward a direction to lengthen the service life of the motor.
- ✓ Sides of the device are installed with double-layer insulation board to prevent the machine from warming, which substantially reduces the impact of high temperature and moist environment in cutting.
- ✓ The machine adopts an imported alternator with cooling fan, in which the carbon brush need not be changed. Two rated voltages may be selected by the user.
- ✓ Two cutting torches may be installed in the same time as needed to cut a groove;
- ✓ The user may also selectively purchase disk guide rail and radius rod to cut round spare parts.
- ✓ The device is applicable to ship building, petroleum, metallurgy, and metal structure, etc.

Model No.	LxHxW (mm)	Supply Voltage V/Hz	Cutting Thickness (mm)	Cutting Speed (mm/min)	Dia.of.Circle Cutting (mm)	Total Weight (Kg)
FJW1-30-MAX-3	430x230x215	AC220/50	6-50	80-800	φ390-φ640	12
FJW-5NX	430x200x210	AC220/50	6-50	80-1000	φ390-φ640	10.2

GAS CUTTING MACHINE



FJW-12



FJW-12A



FJW-12 (Beetle Portable Gas Cutter)

- ☑ The main body is made of aluminum of high strength by die-casting.
- ☑ It's light weight and compact structure to ensure the machine becomes ideal portable machine.
- ☑ Speed system adopts mechanical adjustment which can keeps running continuously under high temperature.
- ☑ Advanced motor with fan for cooling.
- ☑ Circular rail can be equipped as required for circular piece cutting (optional).
- ☑ Beveling range: I.Y.V(45°).
- ☑ Applied to shipbuilding, oil production, metallurgy, metal structure and other manufacturers etc.



FJW-12MAX-I



FJW-12MAX-II



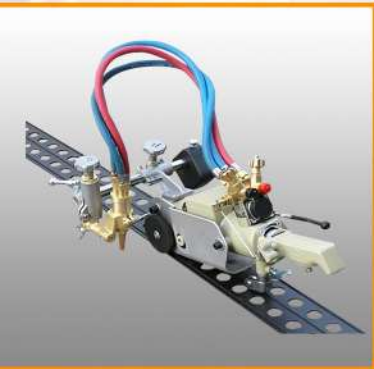
FJW-12MAX-3

FJW-12MAX (Portable Flame Cutting Machine)

- ☑ The main body is made of aluminum of high strength by die-casting.
- ☑ It's light weight and compact structure to ensure the machine becomes ideal portable machine.
- ☑ Speed system adopts mechanical adjustment which can keeps running continuously under high temperature.
- ☑ Advanced motor with fan for cooling.
- ☑ Circular rail can be equipped as required for circular piece cutting (optional).
- ☑ Beveling range: I.Y.V(45°).
- ☑ Applied to shipbuilding, oil production, metallurgy, metal structure and other manufacturers etc.

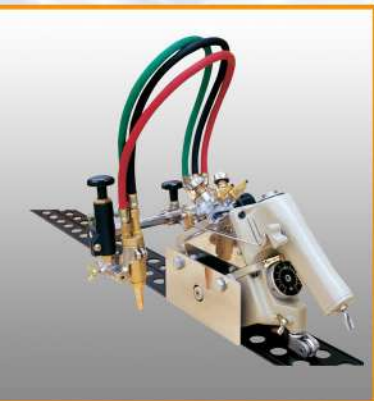
Model No.	LxHxW (mm)	Supply Voltage V/Hz	Cutting Thickness (mm)	Cutting Speed (mm/min)	Dia.of.Circle Cutting (mm)	Total Weight (Kg)
FJW-12	350x140x175	AC 220/50	6~100	150~800	φ290-φ540	10
FJW-12A	350x140x175	AC 220/50	6~100	150~800	φ910-φ1160	10
FJW-12MAX-I	600x175x228	AC 220/50	6~100	150~800	φ390-φ640	15
FJW-12MAX-II	600x175x228	AC 220/50	6~100	150~800	φ1010-φ1260	21
FJW-12MAX-3	430x220x215	AC 220/50	5~100	80~800	φ390-φ640	11.5

GAS CUTTING MACHINE



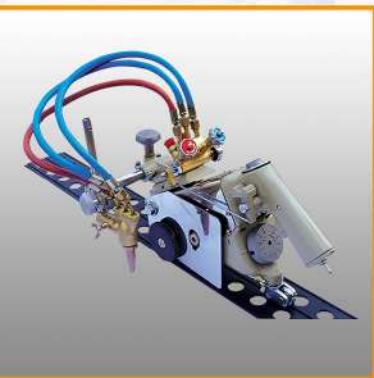
FJW-30 (Portable Gas Cutting Machine)

- ☑ The main body is made of aluminum of aluminum alloy, produced precisely by die-casting.
- ☑ The speed is adjusted by controlled silicon unit.
- ☑ The hoses of oxygen and acetylene are imported from advanced company abroad.
- ☑ The high-speed switch is affixed to the assembly of hose, to raise its efficiency.
- ☑ Mainly for straight cutting and also for circular cutting of the circumference >O200mm.
- ☑ Single torch cutting, bevel angle: I.V(45°)
- ☑ Application in shipbuilding, boiler, chemical and metal industry, etc.



FJW-30A (Portable Gas Cutting Machine)

- ☑ The main body is made of high strength alloy aluminum by die-casting.
- ☑ Beautiful appearance, compact structure, moving fast and freely;
- ☑ The speed system is adjusted by rheostat, moving steadily;
- ☑ Oxygen cutting with quick switch, operating easy;
- ☑ All controlling by one hand to cut different shape such as angle and arc circle etc. and good at swerving;
- ☑ Selecting different attachment can be for beeline, slope I.V(45°), circle and arc cutting;
- ☑ Suitable for ship building, oil, chemical, and metal structure factory, etc;



FJW-93 (Portable Gas Cutting Machine)

- ☑ The main body is made of aluminum alloy, produced precisely by die-casting;
- ☑ It looks beautiful and compact, move easy and quick;
- ☑ The hoses of oxygen attached with quick switch;
- ☑ Operation can be done by single hand, to cut for different shape,
- ☑ Such as side corner and curve, and also for swerve cutting;
- ☑ For straight cutting and also for bevel cutting of I.V(45°), circle and curve cutting;
- ☑ Application in shipbuilding, boiler, chemical and metal industry, etc.

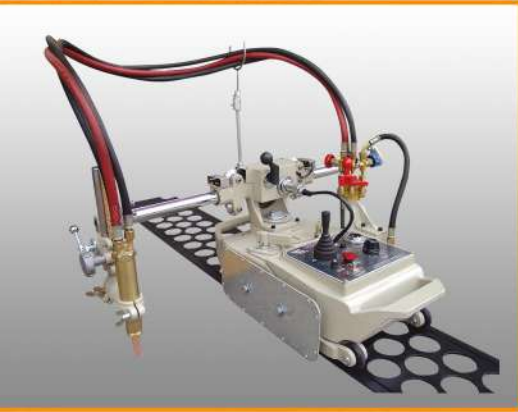


FJW-93-II (Head Face Profiling Cutting Machine)

- ☑ This machine has two sets of touches that can bevel X-shape at the end of the plate (both sides) at the same time, form in a single pass.
- ☑ The machine is with swiftness of motion and flexibility of operation.
- ☑ This machine is equipped with gas pre-set switch so as to avoid readjusting when cutting
- ☑ At the bottom and two sides of the machine is equipped with the thermal baffle so as to prevent the machine from the heating radiation.
- ☑ This consequently provides the stable walking and high quality in beveling X-shape.

Model No.	LxHxW (mm)	Supply Voltage V/Hz	Cutting Thickness (mm)	Cutting Speed (mm/min)	Dia.of.Circle Cutting (mm)	Total Weight (Kg)
FJW-30	455x400x225	AC220/50	6~30	50~750	φ50~φ550	9.8
FJW-30A	460x360x240	AC220/50	6~30	50~1000	φ50~φ550	10.5
FJW-93	420x295x250	AC220/50	6~30	50~1000	φ50~φ550	8.2
FJW-93-II	465x400x365	AC220/50	6~30	100~1000	/	16.5

GAS CUTTING MACHINE



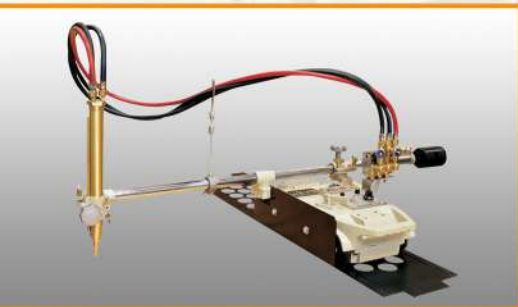
FJW1-30F (Square Gas Cutting Machine)

- ☑ The main body is made of high strength aluminum alloy, produced precisely by die-casting.
- ☑ The speed is adjusted by controlled silicon unit.
- ☑ Equipped with driving motor to make the torch to move horizontally.
- ☑ "+"Switch can control the direction of forward, backward, up and down freely.
- ☑ The high-speed switch is affixed to the assembly of hose, easy to operate.
- ☑ The square shape or parallelogram can be made by only once cutting.
- ☑ Widely use in shipbuilding, boiler, chemical and metal structure industry, etc.

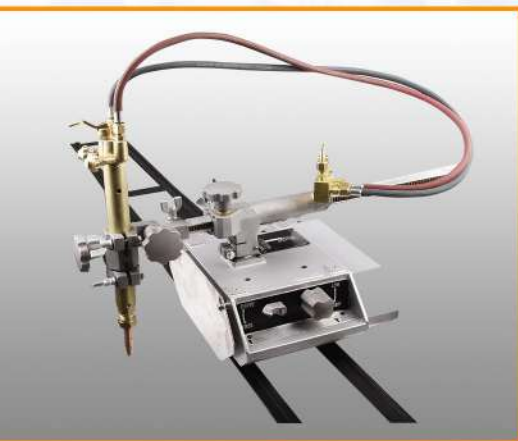


FJW1-75 / FJW2-300 (Gas Cutting Machine)

- ☑ The main body is made of aluminum and its compact structure to improve stability of movement.
- ☑ Speed system is adjusted by integrate circuit for regular and steady running.
- ☑ Professional straight cutting for more thick ingot.
- ☑ Especially for ingot cutting.



Model No.	Supply Voltage V/Hz	Cutting Thickness (mm)	Cutting Speed (mm/min)	LxWxH (mm)	Total Weight (Kg)
FJW1-30F	AC220/50	6~100	50~750	450x800x40	25
FJW1-75	AC220/50	50~350	50~750	510x1200x500	35
FJW2-300	AC220/50	6~300	50~750	510x380x240	23



FJW-200 (Series Portable Flame Cutting Machine)

- ☑ Integral carrying handle, lightweight and balanced designer allow the machine to be carried with one hand.
- ☑ A balanced design makes the machine stable when cutting, allowing a racking distance of up to 18" from the machine with a standard torch, and no counterweight is required.

Model No.	Supply Voltage V/Hz	Cutting Thickness (mm)	Cutting Speed (mm/min)	LxWxH (mm)	Total Weight (Kg)
FJW-200	AC220/50	6~100	50~1050	362x724x292	23.2

GAS CUTTING MACHINE

Multi Torch Straight Cutter



FJW3-100



FJW4-100



FJW5-100

Multi-torch Straight Gas Cutter

- ☑ This machine is the basis of the original after re-improvement in several parts, which also makes their performance more stable. Gas switches and valves are visible, easy to operate. This series of models are mainly suitable for metal structure etc.
- ☑ This main body is made of high strength alloy aluminum by die-casting.
- ☑ The speed system is adopted controlling silicon unite with infinite variable speed.
- ☑ Quick switch is attached in pipe assembly for higher efficiency in order to control the cutting gas easily at the same time.
- ☑ Used the multi-cutting torches at the same time for higher efficiency.

Model No.	Supply Voltage V/Hz	Cutting Thickness (mm)	Cutting Speed (mm/min)	Torch Set	Cutting Width	Total Weight (Kg)
FJW3-100	AC220/50	6-50	50-750	3	70-1000	43
FJW4-100	AC220/50	6-50	50-750	4	70-1100	50
FJW5-100	AC220/50	6-50	50-750	5	70-1200	58.5



FJW1-30SP-100



FJW1-30SP-300



FJW1-30SP-400

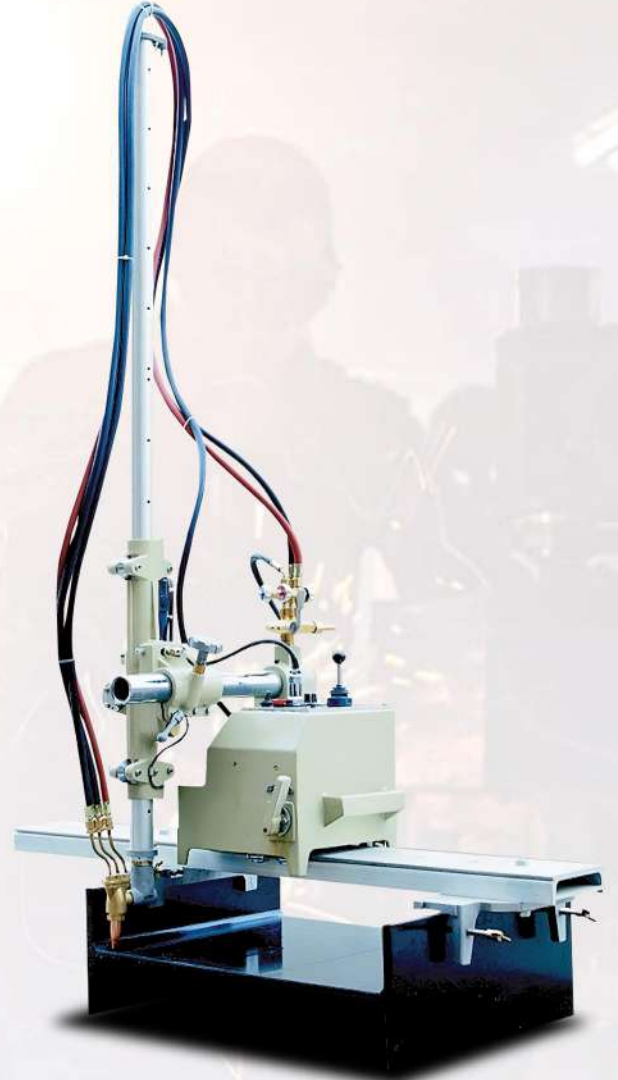
Multi-torch Straight Gas Cutter

- ☑ This series are suitable for cutting medium plate, and various kinds of a combination of cutting torches can be selected.
- ☑ All SP series are with out-of-round pipe attachment: the height of cutting tip is changed according to different surface of the plate.
- ☑ Easy to operate. All cutting torch can be adjusted (left and right, up and down) by handle.

Model No.	Supply Voltage V/Hz	Cutting Thickness (mm)	Cutting Speed (mm/min)	Torch Set	Beveling Degree	Torch Movement (mm)	Total Weight (Kg)
FJW1-30SP-100	AC220/50	6-50	50-750	1	0-45°	0-50	24
FJW1-30SP-300	AC220/50	6-50	50-750	2	0-45°	0-50	26.5
FJW1-30SP-400	AC220/50	6-50	50-750	3	0-45°	0-50	29.5

GAS CUTTING MACHINE

H-Beam Cutter



FJW1-2 H-Beam Cutter

- The main body is made of aluminum with a compact structure.
- Speed system is adjusted by silicon controlled.
- Can be used for bevel and groove cutting.
- Especially for H beam and metal section, etc.
- Applied to mechanical and metal structure plant.etc.



Model No.	Supply Voltage V/Hz	Cutting Thickness (mm)	Cutting Width (mm)	Cutting Heigh (mm)	Cutting Speed (mm/min)	LxWxH (mm)	Total Weight (Kg)
FJW1-2	AC220/50	6-60	150-800	150-400	50-750	250x176x260	30
FJW1-2A	AC220/50	6-60	150-1600	150-750	50-750	400x340x440	37.5

GAS CUTTING MACHINE

Profiling Gas Cutter



FJW2-150 (Profiling Gas Cutter)

- ✓ The main body is made of aluminum by die-casting minutely.
- ✓ Speed system is adjusted by integrated circuit, to ensure running steadily.
- ✓ Oxygen acetylene hoses are made of high quality rubber.
- ✓ Various kinds of spare parts can be cutted followed patterns.
- ✓ High precision in cutting with well smooth surface.
- ✓ Especially for batch producing of components in same pattern.
- ✓ Applied to shipbuilding, oil production, metallurgy, metal structure and other manufacturers etc.
- ✓ Suitable for field work.



FJW2-150B Rail Type (Profiling Gas Cutter)

- ✓ The main body is made of high strength aluminum alloy, produced precisely by die-casting.
- ✓ Speed adjusted by integrate circuit (stepless change), to ensure move steadily
- ✓ Various kind s of spare parts can be cutted followed patterns.
- ✓ This machine has roller wheels and clutch, So that customer can move machine easily.
- ✓ This machine can reduce the cost for moving of machine on steel plate.
- ✓ High efficiency of producing of components in same pattern.
- ✓ Applied to shipbuilding, oil production, metallurgy, metal structure and other manufacturers etc.



FJW2-150D Heavy Thickness Profiling Gas Cutter

- ✓ The main body and frame is made of aluminum alloy its features are light, strong, and portable.
- ✓ Speed adjusted by integrate circuit to ensure move steadily.
- ✓ Longer shaft and torch can allow the machine far from the heating source, to avoid distortion of the main body.
- ✓ The torch has heat insulator, which can protect the main body and electric parts.
- ✓ Although this machine is used for big thickness steel plate, but also can used for cutting of general steel plate.

Model No.	LxWxH (mm)	Supply Voltage V/Hz	Cutting Thickness (mm)	Cutting Speed (mm/min)	Dia.of.Circle Cutting (mm)	Length Of Line Cutting (mm)	Max. Size Of Cutting Square (mm)	Max. Size Of Cutting Rectangle (mm)	Total Weight (Kg)
FJW2150	1190x335x800	AC200/50	6-100	50-750	φ20-φ600	1200	500X500	400X900 450X750	56.5
FJW2150B	1190x335x870	AC200/50	6-100	50-750	φ20-φ600	1200	500X500	400X900 450X750	61.5
FJW2150D	1190x335x1000	AC200/50	8-200	50-750	φ20-φ600	1200	500X500	400X900 450X750	58.5

GAS CUTTING MACHINE

Profiling Gas Cutter



FJW2-150A (Profiling Gas Cutter)

- ✓ The main body is made of aluminum by die-casting minutely.
- ✓ Speed system is adjusted by integrated circuit, to ensure run steadily.
- ✓ Oxygen and acetylene hoses are made of high quality rubber
- ✓ Various kinds of spare parts can be cutted followed pattern.
- ✓ High precision in cutting with well smooth surface.
- ✓ High efficiency producing of components in same pattern.
- ✓ Applied to shipbuilding, oil production, metallurgy, metal structure and other manufacturers etc.



FJW2-2700 (Shifting Profiling Gas Cutter)

- ✓ The main body is made of high strength alloy aluminum by die-casting with ideal structure.
- ✓ Running evenly, shifting flexible, application widely.
- ✓ The speed system is controlled by feeler of controlling silicon unit, easy operating.
- ✓ Idler pulley is moves easily used to ensure machine.
- ✓ New design bigger model also can be installed.
- ✓ Can cut different shape part with good precision and surface.
- ✓ Good for batch producing in same shape.
- ✓ Used for ship building, oil, chemical, and metal structure, etc.



FJW-54D (Portable Gas Cutter)

- ✓ This machine is the most advanced magnetic tracing type gas cutter and ensures operation ease. As cutting tip is at the center of magnet roller and cutting in close contact with the tracing template, high-precision and eye-pleasing cut faces are ensured.
- ✓ It is made of stainless steel, which greatly reduces the weight. Therefore it is an ideal portable machine.
- ✓ It is designed for cutting a heavy workpieces, and the rail length can be adjusted according to workpiece dimension. This design accordingly expands the cutting capacity and the cutting efficiency.
- ✓ Easy to replace the cutting tip
- ✓ The tip can be replaced and cleaned and the flame adjusted easily by merely raising the tracer head.

Model No.	Supply Voltage V/Hz	LXWXxH (mm)	Cutting Thickness (mm)	Cutting Speed (mm/min)	Dia. of circle Cutting (mm)	Length Of line Cutting (mm)	Max. size Of Cutting Square (mm)	Max. size Of Cutting Rectangle (mm)	Total Weight (Kg)
FJW2-150A	AC220/50	1390x335x800	6-100	50-750	φ20-φ1800	1650	1270x1270	1700x340x500x1650	61.5
FJW2-2700	AC220/50	1300x480x800	6-100	50-750	φ20-φ2700	2500	1900x1900	650x2500	114
FJW-54D	AC220/50	1200x420x700	6-100	100-1000	φ30-φ700	1200	30-600	/	45

GAS CUTTING MACHINE

Profiling Gas Cutter



FJW-1 Portable Profiling Gas Cutter

- ☑ The main body is made of aluminum alloy, light and portable.
- ☑ Speed system is adjusted by controlled silicon.
- ☑ High precision in cutting and portable for operating.
- ☑ Especially for batch producing of parts in same pattern.
- ☑ Applied to shipbuilding, boiler making, and metallurgy, metal structure manufacturers etc.
- ☑ Suitable for field work.



FJW-1A Portable Profiling Gas Cutter

- ☑ Made of aluminum alloy, light and portable.
- ☑ Speed system by controlled silicon; permanent magnet or electromagnetic steel is optional to attract this machine.
- ☑ Cutting for different shape followed pattern.
- ☑ Easy operating.
- ☑ Especially suitable for batch cutting of same pattern.
- ☑ Application in shipbuilding, oil and metal industry, etc.



FJW-82-900 Portable Profiling Gas Cutter

- ☑ This machine is the most advanced magnetic tracing type gas cutter and ensures operation ease. As cutting tip is at the center of magnet roller and cutting in close contact with the tracing template, high-precision and eye-pleasing cut faces are ensured.
- ☑ It is made of stainless steel, which greatly reduces the weight. As ideal portable machine.
- ☑ It is designed for cutting heavy workpieces, and the rail length can be adjusted according to workpiece dimension.
- ☑ This design accordingly expands the cutting capacity and the cutting efficiency.
- ☑ Easy to replace the cutting tip
- ☑ The tip can be replaced and cleaned and the flame adjusted easily by merely raising the tracer head.

Model No.	Setting Mode	Supply Voltage V/Hz	Cutting Thickness (mm)	Dia.of.circle Cutting (mm)	Max.size Of Cutting Rectangle (mm)	Rectangle (mm)	Total Weight (Kg)
FJW-1	Permanent fixed	AC220/50	6-30	φ100-φ300	600X200	24	15
FJW-1A	Electromagnetic fixed	AC220/50	6-30	φ100-φ300	600X200	24	16
FJW-82-900	/	AC220/50	5-50	/	/	16	9.5

GAS CUTTING MACHINE

Circular Gas Cutter



FJW2-200 Circular Gas Cutter

- The main body and frame are made of aluminum alloy, its features including light, strong, and portable.
- Strong permanent magnet to ensure the machine absorbs to the plate, to make cutting easily.
- Easy to operate and rotating type distributor avoids cable twisting.
- This machine is especially suitable for value hole, flange and other round shape parts as well.
- Widely use in shipbuilding, boiler, chemical and mechanical process industry etc.



FJW-200 Circular Gas Cutter

- The main body and frame are made of aluminum alloy, its features including light, strong, and portable.
- Strong magnetic adsorption makes cutting of hole in slope and vertical easily.
- Easy to operate and with rotating type distributor to avoid cable intertwest;
- Bevel range: 0-45°;
- Widely use in shipbuilding, oil, and metal, mechanical process industry, etc.



FJW2-600/1000/2000 Circular Gas Cutter

- The main body is made of aluminum alloy, light and portable.
- Especially for cutting of circular parts, round hole and flange.
- Widely applied to oil production, chemical industry, shipbuilding and metal structure process.



FJW2-600II Circular Gas Cutter (Two-Torch)

- The main body and frame are made of aluminum alloy, and easy to move by idler wheel.
- Two torches used to increase efficiency of cutting.
- Speed system is adjusted by controlled silicon.
- Rotating type gas distributor avoids hoses twisting.

Model No.	LxWxH (mm)	Supply Voltage V/Hz	Cutting Thickness (mm)	Dia.of.circle Cutting (mm)	Cutting Speed (R/P/M)	Cutting Precision (mm)	Total Weight (Kg)
FJW2-200	500x350x420	AC220/50	6-50	φ40-φ200	0.14-3.3	<1	15
FJW-200	450x395x360	AC220/50	6-50	φ40-φ200	0.5-6.5	<1	11.5
FJW2-600	750x300x700	AC220/50	6-100	φ30-φ600	0.2-6.0	<1	28
FJW2-1000	1200x340x700	AC220/50	6-100	φ100-φ1000	0.2-6.0	<1	50
FJW2-2000	1250x500x650	AC220/50	6-100	φ400-φ2000	0.2-6.0	<1	19.6
FJW2-600II	1200x340x700	AC220/50	6-50	Outside φ200-φ600 / Inside φ100-φ500	0.2-6.0	<1	55

GAS CUTTING MACHINE

Pipe Gas Cutter

FJW2-11G Manual Pipe Cutter

- ☑ The main body is made of aluminum alloy, light and portable.
- ☑ Chain belt is used for lock of pipe and cutter, flexible and convenient in operation.
- ☑ Chain belt can be adjusted according to diameter of pipe.
- ☑ Bevel angle: I.Y.V (45°).
- ☑ Applied to boiler making, oil production, and chemical factory, etc.
- ☑ Especially applied for field work without power supply.

Note: the attached chain can be used for maximum OD of pipe cutting is 600mm.
OD: Outside Diameter

FJW2-11S Big Manual Pipe Cutter

- ☑ The main body is made of high strength alloy aluminum by die-casting with compact structure.
- ☑ This machine uses two-chains belt to ensure the body fastening to pipe.
- ☑ Reducing or adding chains for different OD pipe cutting.
- ☑ Cutting speed controlled by hand. also for slope I, V(45°) cutting.
- ☑ Good at field work with no electricity source as well as large OD pipe.
- ☑ Suitable for ship building, oil. chemical, and metal structure factory, etc.

Note: the attached chain can be used for maximum OD of pipe cutting is 1000mm.
OD: Outside Diameter

Model No.	LxWxH (mm)	Min. Dia Pipe (mm)	Cutting Thickness (mm)	Cutting Speed (mm/min)
FJW2-11G	420x280x450	φ150	6-50	Hand Control
FJW2-11S	515x370x510	φ250	6-50	Hand Control

GAS CUTTING MACHINE

Pipe Gas Cutter



FJW1-11D Automatic Pipe Gas Cutter

- ☑ The main body is made of aluminum alloy, light and portable.
- ☑ Its driven by motor with shift gear.
- ☑ It has high cutting quality and stability of movement.
- ☑ Chain belt is used for lock of pipe and cutter, flexible and convenient in operation.
- ☑ Chain belt can be added or reduced ,adjusted according to diameter of pipe.
- ☑ Applied to oil and chemical engineering project.
- ☑ Bevel angle: I.Y.V(45°).



FJW2-11B Stainless Steel Pipe Gas Cutter

- ☑ The main body is made of aluminum alloy, light and portable.
- ☑ A plasma cutter should be used for stainless steel cutting.
- ☑ It's driven by motor of shift gears.
- ☑ It has high cutting quality and stability of movment.
- ☑ Chain belt is used for lock of pipe and cutter, flexible and convenient in operation.
- ☑ Chain belt can be adjusted as per diameter of pipe.
- ☑ Applied to oil and chemical engineering project.
- ☑ Bevel angle: I.Y.V (45°).



FJW2-11D/G Manual/automatic Intergrated

- ☑ The machine has small volume, light weight, firm and durable integrated body.
- ☑ Low center of gravity design, stable running, convenient operation, good cutting circumference.
- ☑ The machine is provided with manual / automatic integrated structure, equipped with random battery power, it can also realize the automatic cutting in the absence of an external power supply environment, and the battery is durability, can work for nearly 6 hours each time when fully charged.
- ☑ The machine can also be operated manually cutting, chamfering operation in case there is no electricity.
- ☑ Widely used in petroleum, chemical industry pipeline and other project pipeline cutting.

Model No.	LxWxH (mm)	Supply Voltage V/Hz	Dia. Of. Circle Cutting (mm)	Cutting Thickness (mm)	Cutting Speed (mm/min)	Total Weight (Kg)
FJW1-11D	265x420x450	AC20/50	φ150-φ600	6-50	5-1150	16
FJW2-11B	265x420x450	AC20/50	φ150-φ600	According to Plasma power	5-2300	14.5
FJW2-11D/G	285x420x450	AC220/50 & Lithium Battery	φ150-φ600	6-50	50~750	15

GAS CUTTING MACHINE

Pipe Gas Cutter



FJW2-11 Magnetic Pipe Gas Cutter

- ☑ The main body is made of aluminum alloy, light and portable.
- ☑ It adopts permanent magnet wheel to crawl on pipe while cutting.
- ☑ Can be used for parallel, upright and face upward cutting.
- ☑ Bevel angle: I.Y.V (45°).
- ☑ Especially for pipe cutting, convenient in operation.
- ☑ Widely applied to oil production, chemical pipe project.

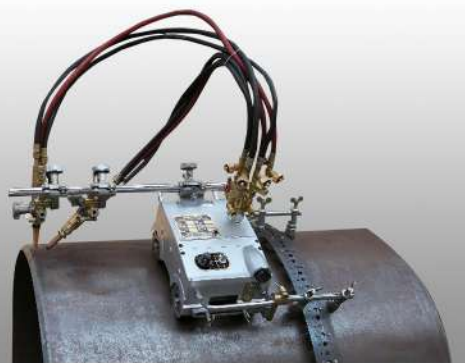
Remark: If the dia>600mm, should use optional guide band.



FJW2-11A Magnetic Pipe Cutting Machine

- ☑ The main body is made of aluminum alloy, light and portable.
- ☑ It adopts permanent magnet wheel to crawl on pipe while cutting.
- ☑ Can be used for parallel, upright and face upward cutting.
- ☑ Bevel angle: I.Y.V (45°).
- ☑ Especially for pipe cutting, convenient in operation.
- ☑ Widely applied to oil production, chemical pipe project.

Remark: If the dia>600mm, should use optional guide band.



FJW2-11-II Magnetic Pipe Gas Cutter

- ☑ The main body is made of aluminum alloy, light and portable.
- ☑ It adopts permanent magnet wheel to crawl on pipe while cutting.
- ☑ Can be used for parallel, upright and face upward cutting.
- ☑ Especially for pipe cutting, convenient in operation.
- ☑ Double torches cutting, beveling range: I.Y.V (45°).
- ☑ widely applied to oil production, chemical pipe project.

Model No.	LxWxH (mm)	Supply Voltage V/Hz	Dia. Of. Circle Cutting (mm)	Cutting Thickness (mm)	Cutting Speed (mm/min)	Magnetic Adsorbability (Kg)	Total Weight (Kg)
FJW2-11	350x310x180	AC220/50	>φ108	6-50	50-750	>50	20
FJW2-11A	350x310x180	AC220/50	>φ108	6-50	50~750	>50	20
FJW2-11-II	450x230x210	AC220/50	>φ110	6-50	50~750	>50	20.5

GAS CUTTING MACHINE

Pipe Gas Cutter



FJW2-11G-PI Hand Pipe Cutter (Quick Install)

- ☑ It uses integration machine design to ensure this machine with a small volume, compact structure and light weight so that this machine can be moved and installed easily.
- ☑ Cutting speed can be controlled by hand, also dol. V(45°) cutting.
- ☑ It is suit for outside working without electronic power supply
- ☑ It is suitable for ship building, oil chemical, and metal structure factory, etc.



FJW2-11G-P11 Hand Pipe Cutter (Quick Install)

- ☑ It uses integration machine design to ensure this machine with a small volume, compact structure and light weight so that this machine can be moved and installed easily.
- ☑ Cutting speed can be controlled by hand, also dol. V(45°) cutting.
- ☑ It is suit for outside working without electronic power supply
- ☑ It is suitable for ship building, oil chemical, and metal structure factory, etc.



FJW2-11D-P11 Hand Pipe Cutter (Quick Install)

- ☑ It uses integration machine design to ensure this machine with a small volume, compact structure and light weight so that this machine can be moved and installed easily.
- ☑ It equips a battery power which can ensure this machine can work up to 6 hours without electronic power supply.
- ☑ It is suit for outside working without electronic power supply.
- ☑ It is suitable for ship building, oil chemical, and metal structure factory, etc.

Model No.	LxWxH (mm)	Supply Voltage V/Hz	Dia. Of. Circle Cutting (mm)	Cutting Thickness (mm)	Cutting Speed (mm/min)
FJW2-11G-PI	165x265x405	4C20/50	φ80-150	6-50	Manual
FJW2-11G-P11	165x460x580	4C20/50	φ121-273	6-50	Manual
FJW2-11D-P11	165x460x580	Lithium battery	φ121-273	6-50	50-750

GAS CUTTING MACHINE

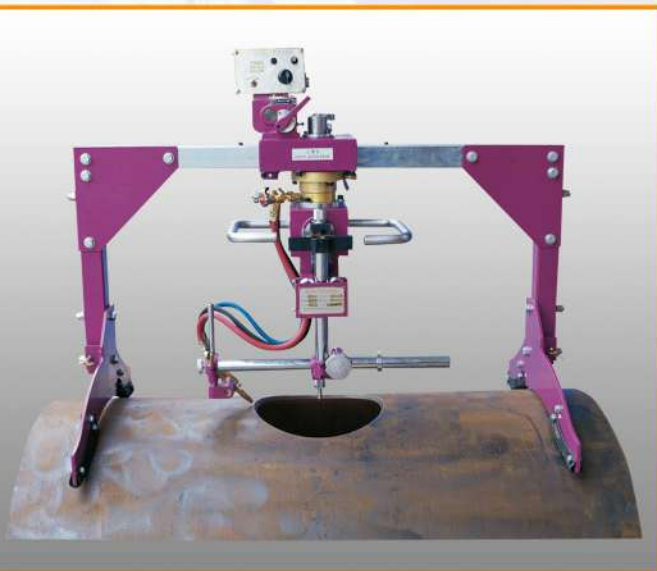
Pipe Crossing Cutter



Pipe Crossing Cutter

- ✓ For decreasing the weight, the machine body is made of aluminum alloy, with a compact structure.
- ✓ Speed system is adjusted by stepless controlled silicon.
- ✓ Specialized in pipe crossing joint, sinusoid cutting, vertical pipe and slope cutting.
- ✓ This machine can be operated both by electrical power and hand; depending on working situation.
- ✓ The same template can be used for same saddle shape with different diameter pipe.

Model No.	LxWxH (mm)	Supply Voltage V/Hz	Dia. Of. Circle Cutting (mm)	Cutting Thickness (mm)	Cutting Curve Maxm. Height (mm)	Cutting Speed (mm/min)	Total Weight (mm)
FJW-102	560x505x485	AC220/50	φ38-φ102	6-50	80	0.14-5.8	15
FJW-203	560x505x485	AC220/50	φ76-φ203	6-50	110	0.14-2.5	29
FJW-305	570x590x570	AC220/50	φ152-φ305	6-50	110	0.14-2.5	36.5
FJW-500	780x820x660	AC220/50	φ305-φ500	6-50	110	0.6-1.1	56.5



FJW-600G-1000D Auto Pipe Cutter

- ✓ This cutter is used for cutting of high pressure container, T jointed of heat-exchanger and plan hole.
- ✓ The height of cutting torch is easy to set, the self-lock system for torch up/down is designed by triangle principle to ensure the machine tracks the curve precisely.
- ✓ Use the infinitude rotating distributor, so that hose has no Intertwist.
- ✓ Special designing for decreasing body weight to take it conveniently.
- ✓ Torch control by clutch, quick locating can be made by handle.

Model No.	LxWxH (mm)	Supply Voltage V/Hz	Dia. Of. Circle Cutting (mm)	Cutting Thickness (mm)	Cutting Curve Maxm. Height (mm)	Cutting Speed (R/mm)	Rate Of Circular Cutting Diameter To Pipe Diameter	Weight (mm)
FJW-600D	1060x560x820	AC220/50	φ80-φ600	6-50	96	0.14-1.2	1:2 or greater than the number of	50
FJW-1000D	1460x560x820	AC220/50	φ80-φ1000	6-50	96	0.14-1.2	1:2 or greater than the number of	54

GAS CUTTING MACHINE

Handy Auto Cutter



FJW-66 Tow Of Cutter

- ☑ It's made of fine brass and the speed-down unit consists of high precision gear box.
- ☑ It keeps running steadily, controlled by two wheels to ensure its cutting upright and steadily.
- ☑ V shape beveling can be processed by adjusting torch holder.



FJW-55/FJW-55D HK Service Handy Auto Cutter

- ☑ It's made of fine aluminum and driven by DC servomotor.
- ☑ Running steadily.
- ☑ V shape groove and curve can be processed by substituting parts.



FJW-55P Handy Automatic Cutter (For Plasma)

- ☑ The case is made of flame retardant PC, compact structure.
- ☑ Small volume, easy to carry, can achieve manual cutting in a variety of occasions.
- ☑ The fuselage with arc starting switch and walking speed adjustment knob, in this way the operation is very convenient.
- ☑ The machine adopts DC12V safe voltage input voltage power supply, safe and reliable.
- ☑ The replacement of accessories is suitable for groove, curve and circle cutting.
- ☑ Suitable for shipbuilding, petroleum, chemical machinery and other industries.
- ☑ The cutting speed: 100-1500mm/min weight 8Kg.

Note: Cutting thickness according to plasma power source

Model No.	LxWxH (mm)	Supply Voltage V/Hz	Speed (mm)	Total Weight (mm)
FJW-66	220x200x120	/	Constant speed	5
FJW-55	500x200x150	AC220/50	50-800	15
FJW-55D	500x200x150	AC220/50	50-800	15
FJW-55P	500x200x150	AC220/50	100-1500	8

GAS CUTTING MACHINE

Gas Cutting Machine



FJW-50A Suspendor Cutter

- ✓ Used for cutting suspendor in ship building, bridges construction etc.
- ✓ As automatic cutter, it provides high quality of the cutting section.
- ✓ Compared with hand-cutting, this machine provides higher precision and better quality in the surface of the cutting without polishing.
- ✓ Without any polishing for cutting surface results from moving and welding the suspendor.



FJW1-13 Multi-direction Gas Cutter

- ✓ The main body and frame is made of aluminum alloy, its features including light, strong, and portable.
- ✓ The speed is adjusted by controlled silicon unit.
- ✓ It is easy to load or unload and easy for operation, and suitable for vertical cutting, horizontal cutting, and cutting off face upward, curve-shape etc.
- ✓ Widely use in shipbuilding, boiler, chemical and metal industry. etc.



FJW-72T 3D Cutting Machine

- ✓ The main body is made of high strength aluminum alloy, produced precisely by die-casting, light and compact.
- ✓ The Light weight is 5.6kgs, easy for operating.
- ✓ Attached with angle gauge which can make torch tuned precisely to bevel.
- ✓ Attached with clutch unit, losing the handle of clutch, the machine can move along the rail steadily.
- ✓ The rail made of hard rubber can be used for 3D and 2D curve cutting. Inside of rubber rail there is the flexible core material which can avoid uneven cutting occurred by some general rubber rail.
- ✓ Mainly used in different shapes of steel cutting such as profiled bar, boiler, shipbuilding, and curve plate, etc.

Model No.	Supply Voltage V/Hz	Cutting Thickness (mm)	Cutting Speed (mm/min)	Minimum Curve Radius (mm)	Fixed Mode	LxWxH (mm)	Total Weight (mm)
FJW-50A	AC220/50	5-30	100-850	/	Permanent magnet	360x710x233	10.5
FJW1-13	AC220/50	5-30	50-750	700	/	230x200x230	15
FJW-72T	AC220/50	5-30	100-700	2000 (Three-dimensional guide)	/	190x195x140	11Kg (Including rail)

GAS CUTTING MACHINE

Equal Pressure High Speed Tip



Pipe Crossing Cutter

- It's made of casting copper with precise process, safe and durable.
- 30° of joint plane, interchangeable for any tips.

FJW2 Other pressure acetylene cutting tip

Mow Mouth Number	Cutting oxygen Aperture mm	Cutting Thickness mm	Cutting Speed mm/min	Gas pressure		Gas consumption	
				Oxygen MPA	Acetylene MPA	Oxygen (m ³ /H)	Acetylene (l/H)
00	0.8	5-10	600-450	0.2-0.3	>0.03	0.9-1.3	340
0	1.0	10-20	480-380	0.2-0.3	>0.03	1.3-1.8	340
1	1.2	20-30	400-320	0.25-0.35	>0.03	2.5-3	470
2	1.4	30-50	350-280	0.25-0.35	>0.03	3-4	470
3	1.6	50-70	300-240	0.3-0.4	>0.04	4.5-6	620
4	1.8	70-90	260-200	0.3-0.4	>0.04	5.5-7	620
5	2.0	90-120	210-170	0.4-0.6	>0.04	8.5-10.5	620
6	2.4	120-160	180-140	0.5-0.8	>0.05	12-15	780
7	2.8	160-200	150-110	0.6-0.9	>0.05	21-24.5	1000
8	3.2	200-270	120-90	0.6-1.0	>0.05	26.5-32	1000
9	3.6	270-350	90-60	0.7-1.1	>0.05	40-45	1300
10	4.0	350-400	70-50	0.7-1.2	>0.05	49-58	1600

FJW3 Other pressure propane cutting tip

Mow Mouth Number	Cutting oxygen Aperture mm	Cutting Thickness mm	Cutting Speed mm/min	Gas pressure		Gas consumption	
				Oxygen MPA	Acetylene MPA	Oxygen (m ³ /H)	Acetylene (l/H)
0	0.7	5-10	600-450	0.2-0.3	>0.03	1.1	320
1	0.9	10-20	480-380	0.2-0.3	>0.03	1.5	320
2	1.2	20-35	400-320	0.3-0.4	>0.03	2.8	450
3	1.5	35-60	350-280	0.3-0.4	>0.03	4	450
4	1.8	60-90	300-240	0.4-0.6	>0.04	6	600
5	2.1	90-130	260-200	0.4-0.6	>0.04	9	600
6	2.4	130-180	220-180	0.5-0.7	>0.04	15	750
7	2.7	180-250	200-160	0.5-0.7	>0.05	22	980
8	3.1	250-300	180-140	0.5-0.7	>0.05	28	980
9	3.5	300-380	130-90	0.6-0.8	>0.05	45	1200
10	4.0	380-450	90-60	0.6-0.8	>0.05	55	1500



Equal Pressure High Speed Tip

- Laval nozzle is used as oxygen cutting tip for high speed cutting.
- The cutting speed is 20%-30% faster than equal-pressure tip.
- High precision of cutting, roughness.
- FJW1 nozzle uses acetylene as its fuel gas.
- FJW3 nozzle uses propane as its fuel gas.

FJW3 Etc. Fast cutting nozzle pressure propane

Mow Mouth Number	Cutting oxygen Aperture mm	Cutting Thickness mm	Cutting Speed mm/min	Acetylene MPA	Cutting oxygen pressure	Cutting oxygen Consumption (m ³ /H)
1	0.6	5-10	700-500	>0.03	0.7-0.8	1.25
2	0.8	10-20	600-380	>0.03	0.7-0.8	2.23
3	1.25	20-40	500-350	>0.03	0.7-0.8	3.48
4	1	40-60	420-300	>0.03	0.7-0.8	5.44
5	1.5	60-100	320-200	>0.03	0.7-0.8	7.84
6	1.75	100-150	260-140	>0.04	0.7-0.8	10.68
7	2	150-180	180-130	>0.04	0.7-0.8	13.9

FJW1 Etc. Fast cutting nozzle pressure acetylene

Mow Mouth Number	Cutting oxygen Aperture mm	Cutting Thickness mm	Cutting Speed mm/min	Acetylene MPA	Cutting oxygen pressure	Cutting oxygen Consumption (m ³ /H)
1	0.6	5-10	700-450	>0.03	0.5-0.6	0.99
2	0.8	10-20	550-340	>0.03	0.5-0.6	1.76
3	1	20-40	450-300	>0.03	0.5-0.6	2.75
4	1.25	40-60	380-250	>0.03	0.5-0.6	4.3
5	1.5	60-100	300-180	>0.03	0.5-0.6	6.19
6	1.75	100-150	200-130	>0.04	0.5-0.6	9.5

FUJiWELD

フジ ウェルディング イクイップメント

CNC MACHINE



FWJ series Intersection Line CNC Pipe Cutting Machine



FWJ series Intersection Line CNC Pipe Cutting Machine

FWJ series chucking intersection line CNC pipe cutting machine is able to develop cutting programs automatically and uses these programs to cut holes and pipe end cutting of the various of pipes.

- ☑ The machine improve the traditional method to increase working efficiency. It is because workers do not need to do several things including model making, marking-out and manual cutting etc.
- ☑ The machine has a powerful and smart controller so the operator just input the basic parameters such as diameter of pipe, thickness of pipe and angle of the intersection to generate programs of intersection.
- ☑ The machine applies a digital controller, and the number of aixs can be set from three and seven according to customer's needs.
- ☑ The machine is easy to operate with a compact structure to increase the long-term reliability and stability.
- ☑ The machine can do flame cutting and plasma cutting according to cutomers needs.

This machine is widely used for steel structure, petroleum pipeline, shipbuilding, Ocean Engineering and metalworking etc.

Model	Diameter of Pipe (mm)	Length of Pipe (mm)	Thickness of Pipe (mm)	Max Load Capacity	Number of Axis	Cutting speed (mm/min)	Cutting Mode	Supply voltage
FJW-630	60~630	3000	6~80	8000	3.4.5.6.7	Flame: 50~70	Flame or Plasma	Machine: AC220V/50Hz
FJW-800	60~800	6000 9000	6~80	8000	3.4.5.6.7			
FJW-1000	60~1000	12000	6~80	8000	3.4.5.6.7	Plasma: 300~3000		Plasma: AC380V/50Hz

Mini Size CNC Cutting Machine



Portable CNC Pipe Cutting Machine

- ☑ The machine can pipe end cutting such as miter.
- ☑ The machine is able to do the tee holes, circular holes and centex line offsets by different positions for pipes with different diameter.
- ☑ The machine is able to do the saddle such as double miter, cross eccentric additional pipe cutting, cross eccentric additional pipe cutting and oblique crossing eccentric additional pipe cutting.
- ☑ The machine can do the rectangular holes.
- ☑ The machine can do the ends cutting of pipe.

Model	Track Length (mm)	Efficient cutting Length (mm)	Efficient Pipe Diameter (mm)	Supply Voltage (V)
FJW-500-A	650	300	φ80-φ500	AC220V/50HZ
FJW-500-B	850	500	φ80-φ500	AC220V/50HZ
FJW-1200-A	1250	900	φ250-φ1200	AC220V/50HZ
FJW-1200-B	1550	1200	φ250-φ1200	AC220V/50HZ

CNC Pipe & Plate Cutting Machine

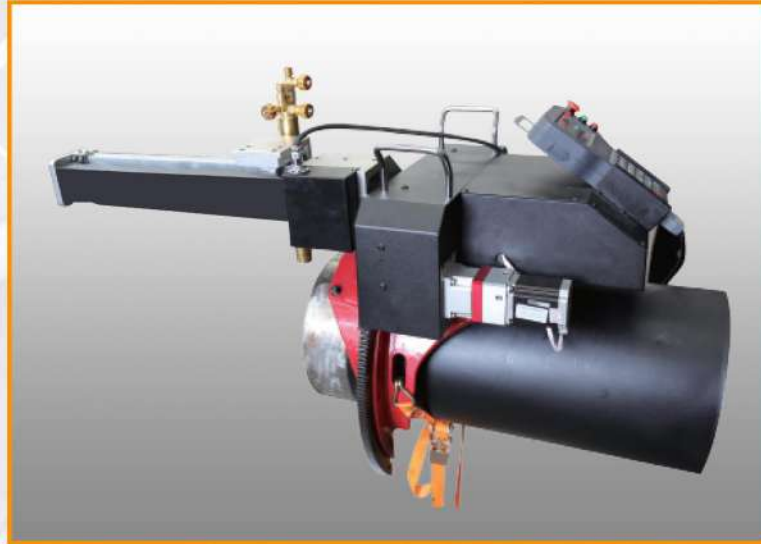


FJW-300J Portable CNC Pipe Cutting Machine

- ☑ It is able to do the plate cutting and pipe cutting.
- ☑ For the pipe with diameter < 300mm, it is able to do the tee holes, circular holes and centex line offsets by different positions for pipes.
- ☑ It can ends cutting of split elbow.
- ☑ It is able can do the rectangular holes and ends cutting pipe.
- ☑ It uses a high-quality drive system to ensure high moving stability and mechanical precision.

Model	LxWxH	Dia.of.Circle Cutting (mm)	Plate Cutting Range (mm)	Supply Voltage V/Hz	No. Of Cutting Torch Set	Cutting Speed (R/mm)	Max No-Loading Speed mm/min	Weight (Kg)
FJW-300J	4050x120x80	≤φ300	1800-3000	AC220V/50HZ	1	50-750	3000	506

CNC Cutter



Portable CNC Pipe Cutting Machine

In order to reduce the weight, the machine structure materials are all made of aluminum alloy.
 The machine is compact and well designed.
 Small size, light weight, suitable for outdoor operations.
 Pure CNC operation, a variety of cutting functions, simple operation.
 It could bevel for specified degree. Applicable to pipes with poor roundness.

Model No.	LxWxH	Voltage	Horizontal Cutting Range (mm)	Cutting Thickness (mm)	Diameter Of Cutting Pipe (mm)	Max Cutting Vector Height (mm)	Cutting Accuracy (mm)
FJW-305	1042x500x546	AC220V/50HZ	0-400	6-50	φ152-φ305	110	<1
FJW-500	1400x820x660	AC220V/50HZ	0-400	6-50	φ305-φ500	110	<1

CNC Cutter



FJW-300-Z FJW series of CNC intersecting square tube cutting machine

Introduction: FJW series chuck-type CNC intersecting square tube cutting machine can achieve rectangular, tapered, multi-ribbed, oval tube and other special-shaped pipe cutting technology needs.

The machine has improved the traditional processing to be produced model, crossed, artificial lofting, manual cutting, manual grinding and other backward and heavy processing methods.

AUTOCAD space programming system, configure the system application plug-in, you can clearly and simply modeling.

This machine is digitally controlled. The number of axes controlled has three different axes to seven axes for the customer to choose from.

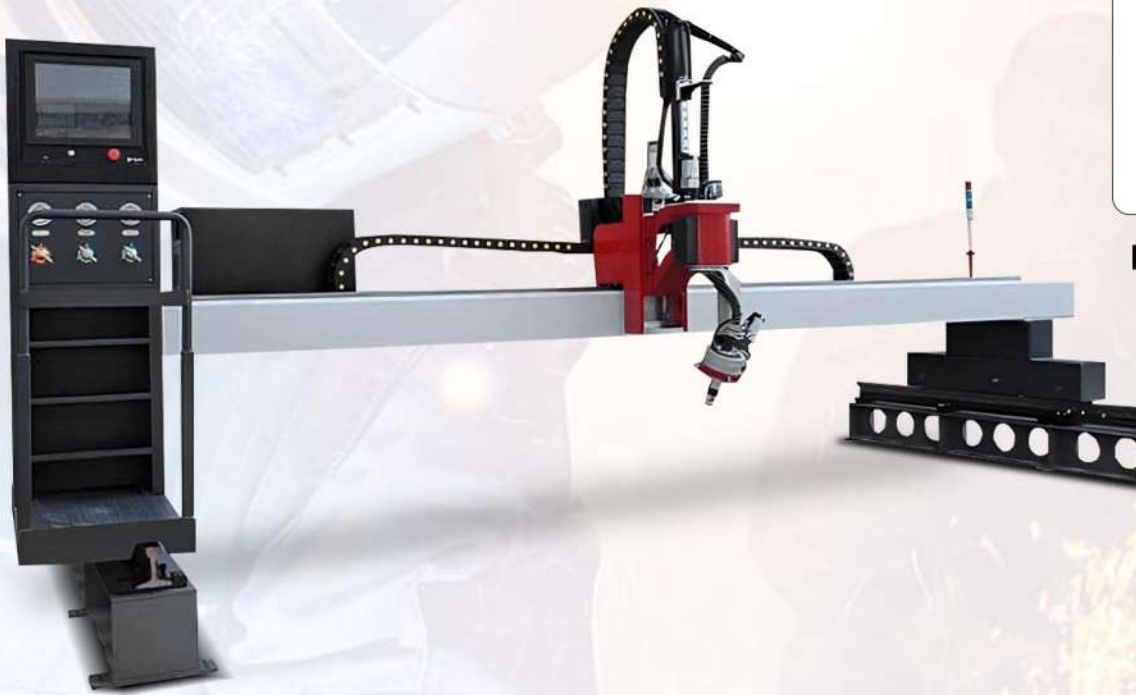
The machine structure is advanced and reliable, the operation is very simple. Applicable to long-term continuous processing, operation control is stable and reliable.

Cutting method can be selected according to user requirements flame cutting or plasma cutting.

This machine is widely used in steel structure, oil pipeline, shipbuilding, marine engineering, metal processing industry.

Model No.	Diameter of cutting tube (mm)	Length of cutting tube (mm)	Thickness of cutting tube (mm)	Max weight capacity (Kg)	Cutting speed (mm/min)	Input Power
FJW-300-Z	60-300	30000-12000	320	4000	Flame cutting: 50-750 Plasma cutting: 300-3000	Machine: AC220V/50HZ Plasma: AC380V/50HZ

CNC Plasma Beveling Cutting Machine



Plasma Break Swivel Head

The Main Feature Of The Machine

- ☑ Wide, low center of gravity Longmen frame structure is suitable for high speed motion, six axis linkage, infinite rotating cutting torch
- ☑ Deflection motor rotation with the rotary motor, the groove and groove cutting,
- ☑ The torch high speed constant.
- ☑ Equipped with cutting torch initial location and anti-collision device

Model	Track Width (mm)	Track Length (mm)	Availability Cutting Width (mm)	Availability Cutting Length (mm)	Numerical Control Torches	Cutting Thickness (mm)	Bevel Angle	Max Unload Move Speed (mm/min)
FJW-5000P	5000	1200	4000	1000	1	Depending on the plasma Power	±45°	1200
FJW-6000P	6000	1200	5000	1000				1200
FJW-7000PC	7000	1200	6000	1000				1200
FJW-8000P	8000	1200	7000	1000				1200

CNC High Definition / Plasma Cutting Machine



Model	Track Width (mm)	Track Length (mm)	Availability Cutting Width (mm)	Availability Cutting Length (mm)	Numerical Control Torches	Cutting Thickness (mm)	Max Unload Move Speed (mm/min)
FJW-4000F	4000	12000	3200	10000	1	flame: 6~200 The cutting thickness depends on the plasma power	0-12000 (20000)
FJW-5000F	5000	12000	4200	10000	1		0-12000 (20000)
FJW-6000F	6000	12000	5200	10000	1		0-12000 (20000)
FJW-7000F	7000	12000	6200	10000	1		0-12000 (20000)

Remarks:

Width, length and date of cutting torch can be increased or decreased according to demands.

According to user needs it can be equipped with plasma dedusting system.

Can add the flame torch to improve the cutting thickness of carbon steel.

Non-standard equipment can be customized according to user requirements.

CNC Flame / Plasma Cutting Machine (Heavy Duty)



CNC Flame / Plasma Cutting Machine (Heavy Duty)

On the basis of the multi-head strip cutting machine, we have added the economical and practical numeral control capacity, which not only can perform cutting strip-plates, but also can cut the various irregular shaped work pieces. We are able to provide the plasma cutting, powder-spraying laying out, auto-adjustment of height and auto-ignition devices in accordance with customer's requirements.

Model	Track Width (mm)	Track Length (mm)	Availability Cutting Width (mm)	Availability Cutting Length (mm)	Numerical Control Torches	Cutting Thickness (mm)	Cutting Speed mm/min	Max Unload Move Speed (mm/min)
FJW-3000	3000	1200	2200	10000	2	6-200	50-3000	0-12000
FJW-4000	4000	1200	3200	10000	2	6-200	50-3000	0-12000
FJW-5000	5000	1200	4200	10000	2	6-200	50-3000	0-12000
FJW-6000	6000	1200	5200	10000	2	6-200	50-3000	0-12000
FJW-7000	7000	1200	6200	10000	2	6-200	50-3000	0-12000

Remarks:

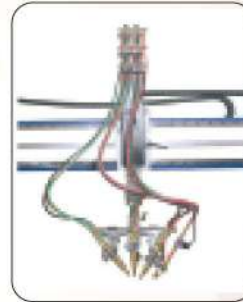
Track gauge, length, and number of cutting torches may be increased or decreased according to user's demands.

Plasma cutting torch may be added.

The straight three cutting torch may be added.

The powder-spray marking torch may be added.

CNC Flame / Plasma Cutting Machine



Three Straight Cutting Torch (Flame)



Single Cutting Torch (Flame) Cutting Torch With Material Powder



CNC Intersecting Pipe Line Cutting Device. (Optional)

CNC Flame / Plasma Cutting Machine (Standard Model)

- ☑ Low cost performance and high efficiency CNC cutting machine.
- ☑ Rational structural design, good rigidity, and light weight.
- ☑ Possessing all functions of gantry CNC, and convenient in operation.
- ☑ Adopting servo motor and bilateral drive, with stable running and high cutting quality.
- ☑ Main parts such as servo motor, Planetary reducer, and electromagnetic valves are imported.

Model	Track Width (mm)	Track Length (mm)	Availability Cutting Width (mm)	Availability Cutting Length (mm)	Cutting Torches Number	Cutting Thickness (mm)	Cutting Speed mm/min	Supply Voltage V/Hz
FJW-3000H	3000	8000	2200	6400	2	6-150	50-3000	AC220/50
FJW-3500H	3500	8000	2700	6400	2	6-150	50-3000	AC220/50
FJW-4000H	4000	8000	3200	6400	2	6-150	50-3000	AC220/50

Remarks:

Track gauge, length, and number of cutting torches may be increased or decreased according to user's demands.

Plasma cutting torch may be added.

The straight three cutting torch may be added.

The powder-spray marking torch may be added.

Can add the CNC intersecting pipe line cutting device.

TNC Series Table Model CNC Plasma Cutting Machine (Economical Type)



TNC Series Table Model CNC Plasma Cutting Machine (Economical Type)

- ☑ This machine adopts integral structure, making installation easier and more reliable.
- ☑ This machine adopts double-side driving to make torch does longitudinal movement followed straight tracks. The light design of crossbeam has a good rigidity, light self-weight and good stability of movement.
- ☑ The machine is equipped with water tank type dust-removing equipment, in order to achieve environmental protection requirement; a smoking type dust-removing equipment also can be applied according to the customer's needs.
- ☑ The machine is suitable to high-speed cutting thin sheet made of stainless steel, aluminium sheet and nonferrous metals etc. additionally, it also has able to cutting thick plate.
- ☑ The machine is widely applied for sheet-metal working, auto parts, Wind turbines, and steel mould industries etc .

Model	Range of cutting (mm)	Speed (mm/min)	Set of torch	Type of torch	Thickness of cutting	Torch lifting distance
FJW-3015	3000x1500	50~6000	1	Plasma	0.8-30 Depend on plasma power	120
FJW-4020	4000x2000	50~6000	1			
FJW-5015	5000x1500	50~6000	1			
FJW-5020	5000x2000	50~6000	1			

Note : Cutting speed and thickness is depend on the plasma power. This machine can be customized according to user's needs.

Table Model CNC Plasma Cutting Machine



Table Model CNC Plasma Cutting Machine

FJW series is a high-speed, precision CNC plasma cutting machine or laser class. Using integrated modular structure, making installation quick and easy. Duse extraction system can be installed in order to meet environmental requirements.

The machine is particularly suitable for medium thick, thin non-ferrous metal sheet, stainless steel, aluminum, carbon steel plate of high-speed cutting.

Model	Effective cutting range (mm)	Drive speed (mm/min)	Torch number of groups	Torch Type	Cutting Thickness (mm)	Lifting Distance (mm)
FJW-TMG3025	3000x1500	50-12000	1	Plasma, Precision plasma Or class laser	Depending on the plasma Power	120
FJW-TMG4020	4000x2000	50-12000	1			120
FJW-TMG6020	6000x2000	50-12000	1			120

Note: Cutting speed and thickness depending on the plasma power
 Cutting range and other requirements can be customized according to user requirements

Mini Size CNC Cutting Machine



Cantilever Type CNC Cutting Machine

The longitudinal guide rail and the horizontal guide rail are composed of high precision transmission system and aluminum alloy. It make the machine works high-accuracy and stable. This machine can cut any complex plane graphics, suitable for oxygen fuel cutting and plasma cutting and free to move. It widely used in automotive, shipbuilding, petrochemical, boiler and pressure vessels, construction machinery, light industry machinery and other industries. Especially good for single and mass irregular-shape production.

Model No.	Effective cutting range (mm)	Voltage	Number Of Torch	Cutting Speed (mm/min)	Maximum No Load Speed (mm/min)	LxWxH (mm)	Weight (Kg)
FJW-1500X-Q-3	1500-3000	AC220V-50HZ	1	50-750	3000	3.5x2.2x0.34	94
FJW-1500X-Q-4	1500-4000	AC220V-50HZ	1	50-750	3000	4.5x2.2x0.34	118
FJW-1500X-Q-5	1500-5000	AC220V-50HZ	1	50-750	3000	5.5x2.2x0.34	132
FJW-1500X-Q-6	1500-6000	AC220V-50HZ	1	50-750	3000	6.5x2.2x0.34	141
FJW-1500X-3	1500-3000	AC220V-50HZ	1	50-750	3000	3.5x2.2x0.37	141
FJW-1500X-4	1500-4000	AC220V-50HZ	1	50-750	3000	4.5x2.2x0.37	169
FJW-1500X-5	1500-5000	AC220V-50HZ	1	50-750	3000	5.5x2.2x0.37	208
FJW-1500X-6	1500-6000	AC220V-50HZ	1	50-750	3000	6.5x2.2x0.37	240

Note: Can be configured according to customer demand plasma torch.

Mini Size CNC Cutting Machine



Mini Size CNC Cutting Machine

Host longitudinal rails imported precision dual axis linear guides, horizontal transmission by a precision aluminum extrusions and components, transmission stability, high accuracy Can cut any complex plane figures for oxyfuel flame cutting and plasma cutting machine, free to move, not accounting for fixed venue. Widely used in automotive, shipbuilding, petrochemical, boiler and pressure vessel, engineering machinery, light machinery and other industries, especially for single-piece contoured surface and mass production.

Model	Cutting range (mm)	Supply Voltage (V/Hz)	Cutting Torch Number Of Group	Cutting Speed (mm/min)	Maximum No Load Speed (mm/min)	Overall Dimensions LxWxH (m)	Weight
FJW-1500W-J-3.0	1500x3000	AC220V-50HZ	1	50-750	3000	3.5x2.2x0.34	87
FJW-1500W-J-4.0	1500x4000	AC220V-50HZ	1	50-750	3000	4.5x2.2x0.34	101
FJW-1500W-J-5.0	1500x5000	AC220V-50HZ	1	50-750	3000	5.5x2.2x0.34	113
FJW-1500W-J-6.0	1500x6000	AC220V-50HZ	1	50-750	3000	6.5x2.2x0.34	126

Note: Can be configured according to customer demand plasma torch.

Mini Size CNC Cutting Machine



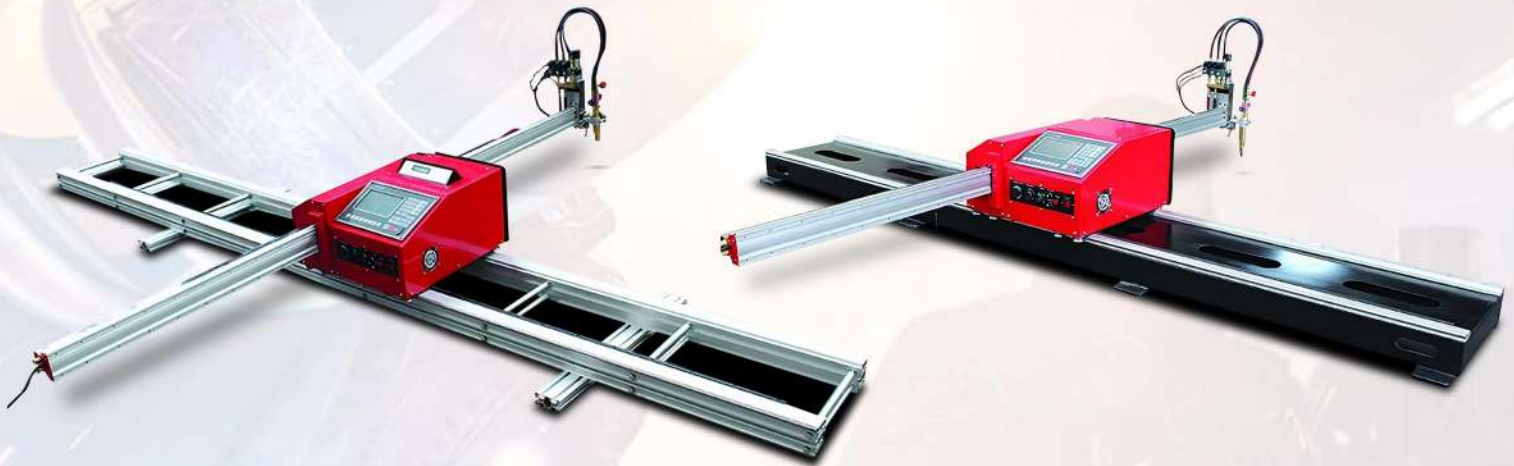
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Model	Cutting range (mm)	Supply Voltage (V/Hz)	Cutting Torch Number Of Group	Cutting Speed (mm/min)	Maximum No Load Speed (mm/min)	Overall Dimensions LxWxH (m)	Weight
FJW-1500W-J-3.0	1500x3000	AC220V-50HZ	1	50-750	3000	3.5x2.2x0.34	87
FJW-1500W-J-4.0	1500x4000	AC220V-50HZ	1	50-750	3000	4.5x2.2x0.34	101
FJW-1500W-J-5.0	1500x5000	AC220V-50HZ	1	50-750	3000	5.5x2.2x0.34	113
FJW-1500W-J-6.0	1500x6000	AC220V-50HZ	1	50-750	3000	6.5x2.2x0.34	126
FJW-1500W-Q-3	1500x3000	AC220V-50HZ	1	50-750	3000	3.5x2.2x0.37	134
FJW-1500W-Q-4	1500x4000	AC220V-50HZ	1	50-750	3000	4.5x2.2x0.37	160
FJW-1500W-Q-5	1500x5000	AC220V-50HZ	1	50-750	3000	5.5x2.2x0.37	186
FJW-1500W-Q-6	1500x6000	AC220V-50HZ	1	50-750	3000	6x2.2x0.37	212

Note: Can be configured according to customer demand plasma torch.

Mini Size CNC Cutting Machine



Mini Size CNC Cutting Machine

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Model	Cutting range (mm)	Supply Voltage (V/Hz)	Cutting Torch Number Of Group	Cutting Speed (mm/min)	Maximum No Load Speed (mm/min)	Overall Dimensions LxWxH (m)	Weight
FJW-1800W-Q-3	1800x3000	AC220V-50HZ	1	50-750	3000	3.5x2.6x0.37	126
FJW-1800W-Q-4	1800x4000	AC220V-50HZ	1	50-750	3000	4.5x2.6x0.37	144
FJW-1800W-Q-5	1800x5000	AC220V-50HZ	1	50-750	3000	5.5x2.6x0.37	162
FJW-1800W-Q-6	1800x6000	AC220V-50HZ	1	50-750	3000	6.5x2.6x0.37	180
FJW-1800W-3	1800x3000	AC220V-50HZ	1	50-750	3000	3.5x2.6x0.4	175
FJW-1800W-4	1800x4000	AC220V-50HZ	1	50-750	3000	4.5x2.6x0.4	207
FJW-1800W-5	1800x5000	AC220V-50HZ	1	50-750	3000	5.5x2.6x0.4	239
FJW-1800W-6	1800x6000	AC220V-50HZ	1	50-750	3000	6.5x2.6x0.4	271

Note: Can be configured according to customer demand plasma torch.

Mini Gantry Type CNC Cutting Machine



Mini Gantry Type CNC Cutting Machine

This product is between the mini CNC and gantry CNC cutting machine, which solves the inconvenience of moving the gantry CNC cutting machine and widens the cutting range of the mini CNC. The product adopts precision single-axis core double guide rail in the horizontal direction and double-sided drive in the vertical direction to improve the cutting accuracy, faster running speed and stronger processing capacity, and can be equipped with plasma cutting according to the user's requirements, which can cut any complex plane figure, and is widely used in automobile, shipbuilding, petrochemical industry, pressure vessel, light industry machinery and other industries, and is well received.

Model	Track Width (mm)	Track Length (mm)	Availability Cutting Width (mm)	Availability Cutting Length (mm)	Cutting Torches Set	Cutting Speed mm/min	Maximum No Load Speed (mm/min)	Supply Voltage V/Hz
FJW-2500G	2500	4000	2000	3000	1	50-750	8000	AC220V/50HZ
FJW-3000G	3000	4000	2500	3000	1	50-750	8000	AC220V/50HZ

Remarks: Width, length and data of cutting torch can be increased or decreased according to demands.

Gantry CNC Pipe Plate Cutting Machine



Gantry CNC Pipe Plate Cutting Machine

This product is a modern cutting device controlled by digital program. It can cut out any plane graphics from various metal materials and in addition it is also able to be used to cut off circular tubes and cut out various shapes and intersecting line on round pipes. Also it has the characteristics of high degree of automation, high cutting precision, high material utilization rate and high production efficiency. With the advancement of Machinery & Electronics technology and computer technology, CNC cutting machine has attracted attention from more and more enterprises and becomes more and more popular in production thanks to its virtue of good man-machine dialogue operation interface, powerful auxiliary support function and relatively low equipment investment.

Model	Diameter Of Cutting Pipe (mm)	Length Of Cutting Pipe (mm)	Availability Cutting Width (mm)	Controlled Axis Number	Cutting Torches Set	Cutting Speed (mm/min)	Cutting Mode	Supply Voltage V/Hz
FJW-2500XG	50-600	3000-9000	2000	3	1	Flaming 50-750	Flaming & Plasma	Machine Tool AC220V/50HZ
FJW-3000XG			2500	3	1	Plasma 300-3000		Plasma AC380V/50HZ

Remarks: Width, length and data of cutting torch can be increased or decreased according to demands.

Multi Head Straight Strip Cutting Machine



Multi Head Straight Strip Cutting Machine

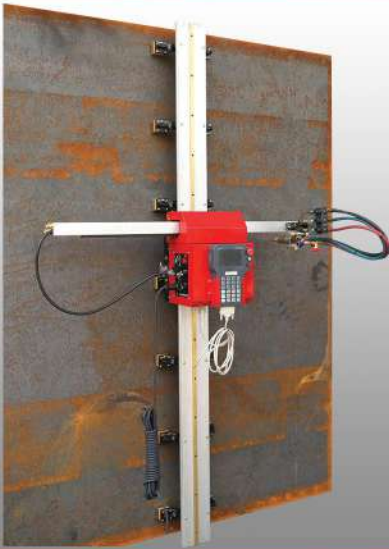
- ☑ Type frame structure for this machine body
- ☑ Gear wheel, gear bar, and gear transmission for moveable parts
- ☑ Integrated velocity modulation control, with digital display
- ☑ DC servo driving, stable for movements
- ☑ Standard cutting torch attachments with 10 groups longitudinally and 1 group transversely
- ☑ The processing thickness is 200mm when under 4 groups, 80mm under 10 groups
- ☑ The standard minimum cutting width is 80mm (may made to 60mm)
- ☑ The maximum return speed is 4000mm/min

Model	Track Width (mm)	Track Length (mm)	Availability Cutting (mm)	Vertical Torch	Horizontal Torch	Cutting Thickness (mm)	Cutting Speed (mm/min)	Input Voltage (V)
FJW1-3000	3000	1200	2500	10	1	6-100	50-750	220v
FJW1-4000	4000	1200	3500	10	1	6-100	50-750	220v
FJW1-5000	5000	1200	4500	10	1	6-100	50-750	220v
FJW1-6000	6000	1200	6500	10	1	6-100	50-750	220v

Remarks:

Width, Length, and number cutting torch can be changed according to demands. The functions such as the overall lift of all torch, lift of single torch and auto-ignition can be added according to demands.

Vertical Mini CNC Cutting Machine



FJW-100K Vertical Mini CNC Cutting Machine

The machine is design to improve the cutting quality of vertical cutting and make more easier operation. It adopts servo motor drive to ensure a high stability of movement and quality-cutting works. The control is designed as a hand-box to make people to use the machine easily. Additionally, it is not only used for vertical cutting, but also suitable for horizontal cutting.

Model	Track Width (mm)	Track Length (mm)	Availability Cutting Length (mm)	Availability Cutting width (mm)	Cutting Speed (mm/min)	Maximum No Load Speed mm/min	Supply Voltage (V/Hz)
FJW-100K	2000	1500	1100	600	50-750	4000	AC220V/50HZ



FJW-250J Portable CNC Pipe Cutting Machine

This product is a modern cutting device controlled by digital program, which can cut round pipes and cut various shapes and intersecting lines on round pipes. Besides the high automation of cutting operation, it also has advantages of high cutting precision, high material utilization rate, as well as high production efficiency. With the development of mechatronics technology and computer technology, CNC cutting machine has attracted attention of more and more enterprises and becomes more and more popular in production by virtue of its good man-machine dialogue operation interface, powerful auxiliary support function and relatively low equipment investment.

Model	Overall Dimension LxWxH (m)	Diameter Of Pipe To Be Cut (mm)	Number Of Control Axes	Length Of Pipe To Be Cut (mm)	Maximum Weight Of Pipe To Be Cut (Kg)	Supply Voltage (V/Hz)	weight (Kg)
FJW-250J	730x640x700	φ50-φ250mm	2	1000	50	AC220V/50HZ	89

Multifunction CNC Cutting Machine



Multifunction CNC Cutting Machine

This product is a widely used in chemical pressure vessel, nuclear power equipment, shipbuilding and marine engineering industry cutting equipment. It can cutting cylindrical or conical shell, elliptical head or other type of complex space curved surface or complex graphics. It adopts the multiple compound movement technology, achieves the revolving of cutting torch, thereby cutting welding groove.

The main characteristics of the machine:

- ☑ Cutting in ellipsoidal or cylindrical shell hole, and can complete intersecting line cutting of pipe.
- ☑ It adopts the multi-axis linkage numerical control, cutting with high precision, can realize the automatic groove cutting.
- ☑ It can also cut the steel plate in the cutting range, or groove cut the cutted steel plate.
- ☑ The configure roller can cut steel pipe that the diameter is less than 1000mm.
- ☑ With strong magnetic steel when cutting steels that the diameter is larger than 1000mm can make the machine fixed conveniently.
- ☑ Cutting programming can complete through teaching system or 3D diagrams.

Model	Maximum Cutting Range (mm)	Beveling Range (mm)	Maximum Saddle Height	Cutting head Diameter (mm)	Cutting head Diameter (mm)	Beveling Angle	Flame cutting Thickness mm	Plasma cutting thickness
FIW-1200M	1200x1200	1000x1000	350	≤2000	≥100	±45°	6-150 mm	Depending on plasma power

Remarks:

The plasma torch can be equipped.

Cutting steel pipe with diameter less than 1000mm should be equipped with roller.

Special requirements can be customized, by contacting the technical department.

CNC System



EDGE Connect Full Range Of Controllers

- ☑ Intel Celeron J9100, quad-core central processor
- ☑ Memory 4GB, SATA SSD > 120GB
- ☑ Windows 10 Enterprise OS, 19" capacitive touch screen
- ☑ USB, WIFI, digital interface, etc.
- ☑ Conversational data storage, large capacity user parts library
- ☑ Hypertherm HyPerformance® high-performance plasma cutting system communicates directly with the cutting system via EtherCAT connection
- ☑ Embedded SureCut™ intelligent cutting technology for optimal performance with embedded expert processes



SF-2400S Controller

- ☑ 10.4-inch LCD color display, Chinese and English operating interface
- ☑ Full screen program editing, inserting, modifying, deleting, copying
- ☑ Automatic graphics scaling, rotation function
- ☑ Mirroring function in X and Y directions, cutting kerf compensation
- ☑ Power-off recovery function of the program
- ☑ The torch can return to the original track
- ☑ USB communication interface



F7600 Controller

- ☑ Windows 10 operating system, 19" widescreen touch screen
- ☑ 4GB memory + 120GB solid state drive
- ☑ External interfaces: USB, network interface, Modbus serial communication, etc.
- ☑ Features: cutting interruption power breakpoint memory function, networking and remote after-sales service
- ☑ Up to hundreds of graphic libraries, can be pre-installed nesting software

CNC Cutting Machine Plasma Cutting Power



WellCut Mechanical Plasma Cutter



Arc method

It use the high voltage-pulse as the arc method to ensure high success rate and protect electronic parts and THC, etc.

Stability

The key components are supplied by famous factory (infineon and Schneider,etc) and all re-check by Huawei quality control department.

Cooling system

WellCut 60-130, it uses a special radiator which has one intake and two outtake cause the machine work with ideal temperature for long time to improve working efficiency.

WellCut 160-200, it equips one water box and two high-speed fan to ensure the machine work with a low temperature and improve working efficiency.

Torch

The key components of torch are made by imported high polymer material to increase durability; the vortex-ring technology is used for gas so that the cutting quality and capacity developed significantly.



AUTOMATIC WELDING TRACTOR

Auto Welding Carriage



FJW-4A Mini Welding Carriage

- Portable design easy for setting up and carrying.
- Permanent magnet to ensure machine in to run followed welding line.
- Inductor can stop the machine when it is out of workpiece.
- Application in corner welding for container girder, and suitable for bevel welding and in narrow room.



FJW-4B Electromagnetic Auto

- Permanent magnet and electromagnetic steel is good for installing of machine, and make machine to run followed welding line.
- Permanent magnet can avoid damaging the machine when power cut.
- Suitable for corner welding for container girder and suitable for bevel welding and in narrow room.
- Inductor can stop the machine when it is out of workpiece.



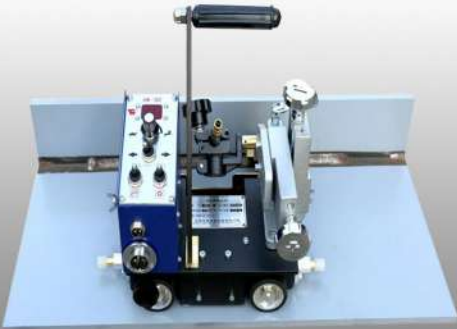
FJW-5SN Portable Auto Welding Carriage

- This carriage can walk forward and backward for welding.
- This carriage is small in size and light in weight. It is easy to move and install under different conditions.
- This carriage adopts four-wheel drive and has high stability in walking.
- This carriage is adjusted to the automatic control state, and the welding starts.
- Reduce the number of operators, one worker can operate multiple trolleys for welding at the same time.

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Speed (mm/min)	Method Of Driving	Weight
			Up Down	Forward Backward	Work Angle	Processing Angle			
FJW-4A	AC 220/50	188x193x221	60 mm	60 mm	45°	±10°	150-1500	Rubber wheel four-drive	6.9
FJW-4B	AC 220/50	360x230x310	60 mm	60 mm	45°	±10°	150-1000	Iron wheel four-drive	11.6
FJW-5SN	AC 220/50	340x150x250	60 mm	60 mm	45°	±10°	50-800	Rubber wheel four-drive	5.8

AUTOMATIC WELDING TRACTOR

Auto Welding Carriage



FJW-5C Standart fillet welding machine

- The main body is made of aluminum alloy, compact and portable. good for horizontal angle welding and side up welding.
- Permanent magnet and guiding unit can avoid machine out of welding line.
- Can welding both in left and right side.
- Aspect sensor in both end can make machine stop when welding is finished.



FJW-5B Continuous/incontinuous welding carriage

- Suitable for discontinuous or continuous welding for straight angle.
- Digital display of speed, distance of discontinuous / continuous welding and time of end.
- With no welding, carriage speed is regarded as most fast, more efficient.
- Magnet type of handle, which can control magnet force more or less.
- Welding in both left and right, induction switch fixed in both end.
- Carriage stop running while welding ends.
- Permanent magnet and guide unit fixed in carriage, which can prevent it from deviating welding line.
- End welding units attached. the time of end welding is adjusted from 0-8S.
- Wide use in shipbuilding, bridge vehicle, oil and metal structure plant.



FJW-5B-D Auto welding carriage (flat rail type)

- The main body is made of high strength alloy aluminum, compact structure, light and portable.
- Suitable for horizontal joint welding and straight angle welding.
- Running on flat rail. suitable for long straight line welding.
- Induction-switch on both end of carriage, which will automatically stop when welding is ending.
- The standard rail is 1.8m long. also can prolong it as required.
- Permanent alnico is fixed under main body, which insure the body moving and welding more steadily.
- The running speed is shown by number, welding can be continuous or discontinuous with high precision and easy operation.

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Speed (mm/min)	Method Of Driving	Weight
			Up Down	Forward Backward	Work Angle	Processing Angle			
FJW-5C	AC 220/50	330x230x280	60 mm	60 mm	45°	±10°	50-800	Rubber wheel four-drive	8.5
FJW-5B	AC 220/50	330x230x280	60 mm	60 mm	45°	±10°	30-1900	Iron wheel four-drive	8.3
FJW-5B-D	AC 220/50	330x300x280	60 mm	60 mm	45°	±10°	30-1900	Rubber wheel four-drive	8.5

Auto Welding Carriage

FJW-5E Single Side Double Torch Welding

- Small size, low center of gravity, lightweight and easy to carry.
- The high-strength magnetic magnet obviously enhances the reliability of the profiling operation and increases the traction force to ensure the smooth operation of the operation.
- On the basis of enhancing the reliability of profiling operation and automatic stop function, multiple devices can be operated at the same time.
- The direction changeover switch can realize right/left movement.
- The guide is a screw lock type.
- Two welding guns with a certain distance are installed on the same surface, and the two guns are welded at the same time, and the welding efficiency is high.
- The two guns can use the same kind of welding wire at the same time, or one can use flux-cored welding wire and the other can use solid-core welding wire.
- The new limit switch system greatly relaxes the height limit range of the limit positioning block.

FJW-5B-II Double Side Double Torch Welding

- The main body is made of high strength alloy aluminum, compact structure, light and portable.
- With auto-welding device for double face horizontal welding; Option for one torch or two torch as required; the fixing holder for carriage can be adjusted in width and height depending on workpiece; application widely.
- Distortion can be reduced when two face welding by this carriage.
- Permanent Alnico and guide device are fixed under main body, which can prevent the carriage from deviating from the jointing line. The running speed is shown by number, welding can be continuous or discontinuous with high precision and easy operation.
- Induction switch on both end of carriage which will automatically turn off when welding is ending.

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Speed (mm/min)	Method Of Driving	Weight
			Up Down	Forward Backward	Work Angle	Processing Angle			
FJW-5E	AC 220/50	340x280x290	60 mm	60 mm	45°	±10°	150-1500	Rubber wheel four-drive	9.5
FJW-5B-II	AC 220/50	500x290x420	60 mm	60 mm	45°	±10°	30-1900	Iron wheel four-drive	10

FJW-5W Oscillation auto welding carriage

- It has wavering fuction for various welding path so as to make best welding result.
- Wavering speed, angle, central shifting and left/right pause time can be adjusted, all data can be shown on the meter.
- The control device can be used as remove controller.
- Both for vertical and level angle welding, suitable for intersect position of reinforce parts.
- Widely use in shipbuilding ,bridge vehicle oil&chemical and steel structure engineering.
- Wavering mode:

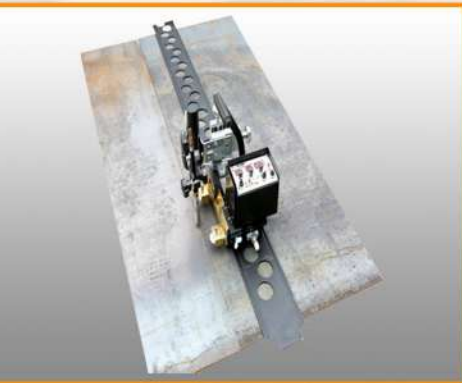
Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control				Weight	
			Up Down	Forward Backward	Work Angle	Processing Angle	Left/right pause time	Speed (mm/min)	Oscillating Motor	Wavering Speed		Wavering Angle
FJW-5W	AC 220/50	340x230x280	60 mm	60 mm	45°	±10°	0~2.5s	50-800	Brushed Motor	0~100	±15°	12

Auto Welding Carriage



FJW-5BW Oscillating intermittent/continuous welding carriage

- ✓ The HK-5BW type welding carriage is a welding automatic device suitable for intermittent or continuous horizontal fillet welding structures.
- ✓ The high precision of dimensions and uniform running speed enable precision welding.
- ✓ Equipped with arc closing device, the arc closing time can be adjusted from 0-25 S,
- ✓ High degree of intelligence with memory storage function for break point recovery.



FJW-5BW-D Oscillating intermittent/continuous welding carriage (flat rail type)

- ✓ The HK-5BW type welding carriage is a welding automatic device suitable for intermittent or continuous horizontal fillet welding structures.
- ✓ High precision of dimensions and uniform running speed enable precision welding.
- ✓ Equipped with arc closing device, the arc closing time can be adjusted from 0-2.5 S
- ✓ High degree of intelligence with memory storage function for break point recovery.
- ✓ Based on rail use, wider application scenario.

Note: 1.8M Rail 1 Set per standard

T-SHAPED AUTOMATIC WAVERING WELDING CARRIAGE

- ✓ Possessing swinging function, and available with welding modes of different specifications, and can thus achieve the best welding effect.
- ✓ Swinging speed, angle, off-centering position, and left and right stay time can be modulated at ease, and the digital tube displays various modulation data,
- ✓ Can deliver vertical angle welding and horizontal angle welding, and suitable for welding of cross section of reinforcer, etc.



FJW-5T-W



FJW-5T-WN



FJW-5T-II

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control					Speed (mm/min)	Method Of Driving	Weight (Kg)
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed	Wavering Angle				
FJW-5BW	AC 220/50	270x230x320	60 mm	60 mm	45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	50~1200	Rubber wheel four-drive	9	
FJW-5BW-D	AC 220/50	270x230x320	60 mm	60 mm	45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	50~1200	Iron wheel four-drive	9	
FJW-5T-W	AC 220/50	350x460x450	350 mm	150 mm	45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	150~800	Magnetic roller-drive	11.5	
FJW-5T-WN	AC 220/50	350x460x450	350 mm	150 mm	45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	150~800	Magnetic roller-drive	9.2	
FJW-5T-II	AC 220/50	300x180x330	350 mm	100 mm	45°	±10°	/	/	/	/	50~900	Magnetic roller-drive	13.5	

Auto Welding Carriage



FJW-5WF All-position automatic welding carriage

- ✓ The FJW-5WF oscillating welding carriage is an automatic device that can achieve a wide welding seam in a single pass.
- ✓ The oscillation speed, oscillation angle, center offset position, and left/right dwell time can be adjusted to suit a wide range of welding channels.
- ✓ The handle is magnetically controlled. Moving this handle can partially reduce the magnetic force, which is convenient for cleaning ferrous waste and moving the trolley.
- ✓ The carriage is equipped with an inductive stop switch, so that the carriage can stop automatically after the welding is finished, making it easy for one worker to operate multiple machines at the same time.
- ✓ Permanent magnets and flat guide rails are installed to prevent the trolley from falling off the welding line.



FJW-5WF-RC All-position automatic welding carriage (wireless remote control)

- ✓ The FJW-5WF-RC oscillating welding carriage is an automatic device that can achieve a wide weld seam in a single weld.
- ✓ The oscillating speed, oscillating angle, center offset position and left/right dwell time can be adjusted to suit various welding channels.
- ✓ The handle is magnetically controlled, so moving the handle can partially reduce the magnetic force, which is convenient for cleaning ferrous waste and moving the trolley.
- ✓ The carriage is equipped with an inductive stop switch, so that the carriage can stop automatically after the welding is finished, making it easy for one worker to operate multiple machines at the same time.
- ✓ Permanent magnets and flat guide rails are installed to prevent the trolley from falling off the welding line.
- ✓ Wireless remote control operation saves effort and energy.



FJW-5WT All-position automatic welding carriage

- ✓ The FJW-5WT oscillating welding carriage is an automatic device that can achieve a wide welding seam in a single pass.
- ✓ The oscillation speed, oscillation angle, center offset position and left/right dwell time can be adjusted to suit various welding channels.
- ✓ The handle is magnetically controlled. Moving this handle can partially reduce the magnetic force, which is convenient for cleaning ferrous waste and moving the trolley.
- ✓ The carriage is equipped with an inductive stop switch, so that the carriage can stop automatically after the welding is finished, making it easy for one worker to operate multiple machines at the same time.
- ✓ Permanent magnets and flat guide rails are installed to prevent the trolley from falling off the welding line.

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control			Speed (mm/min)	Method Of Driving	Weight (Kg)	
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed				Wavering Angle
FJW-5WF	AC 220/50	300x360x280	50 mm	50 mm	45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	50~600	Rubber wheel four-drive	10
FJW-5WF-RC	AC 220/50	300x360x280	50 mm	50 mm	45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	50~600	Rubber wheel four-drive	10
FJW-5WT	AC 220/50	270x230x320	60 mm	60 mm	45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	50~600	Rubber wheel four-drive	8.5

AUTOMATIC WELDING TRACTOR

Auto Welding Carriage



FJW-6A Standard fillet welding carriage

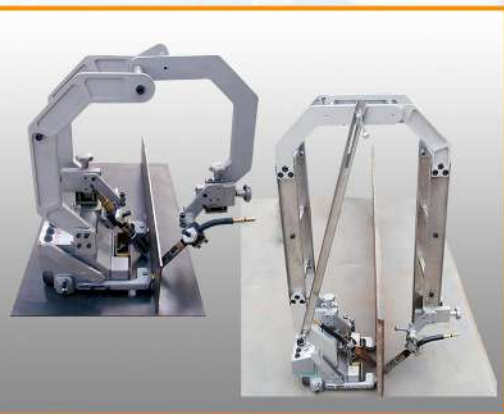
- Machine body strong, durable and portable.
- Low barycenter designing, with haul of 16kg, smoothly moving.
- Magnet controlling handle makes setting up easy, welding both in left and right, inductor in both end can make machine stop when welding end.



FJW-6A-D Flat rail welding carriage

- The main body is made of high strength alloy aluminum, compact structure, light and portable.
- Suitable for horizontal joint welding and straight angle welding.
- Running on flat rail. suitable for long straight line welding.
- Induction-switch on both end of carriage, which will automatically stop when welding is ending.
- Permanent alnico is fixed under main body, which insure the body moving and welding more steadily.
- The running speed is shown by number, welding can be continuous or discontinuous with high precision and easy operation.

Note: 1.8M Rail 1 Set per standard



FJW-6A-II Double side welding carriage

- Strong machine body, durable and portable.
- Low barycenter designing, with haul of 16kg, smoothly moving.
- Magnet controlling handle makes setting up easy.
- Welding both in left and right; inductor in both end can make machine stop when welding end.
- Simultaneous welding in both side has high work efficiency, and avoids distortion.

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Speed (mm/min)	Method Of Driving	Weight
			Up Down	Forward Backward	Work Angle	Processing Angle			
FJW-6A	AC 220/50	259x259x264	45 mm	45 mm	45°	±10°	150x800	Rubber wheel four-drive	8
FJW-6A-D	AC 220/50	259x259x264	45 mm	45 mm	45°	±10°	150x800	Iron wheel four-drive	8
FJW-6A-II	AC 220/50	500x280x520	45 mm	45 mm	45°	±10°	150x800	Rubber wheel four-drive	12.5

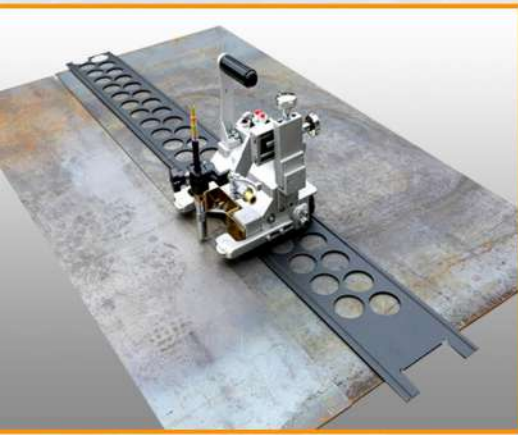
AUTOMATIC WELDING TRACTOR

Auto Welding Carriage



FJW-6B Continuous/incontinuous welding carriage

- Strong machine body, durable and portable.
- Low barycenter designing, with haul of 16kg, can smoothly moving.
- Magnet controlling handle makes setting up easy.
- Welding both in left and right; inductor in both end can make machine stop when welding end.
- High intelligentizing with storage memory function.
- Digital display for welding length and traveling speed



FJW-6B-D Continuous/incontinuous welding carriage (Flat rail type)

- The main body is made of high strength alloy aluminum, compact structure, light and portable.
- Suitable for horizontal joint welding and straight angle welding.
- Running on flat rail, suitable for long straight line welding.
- Induction-switch on both end of carriage, which will automatically stop when welding is ending.
- Permanent alnico is fixed under main body, which insure the body, moving and welding more steadily.
- The running speed is shown by number, welding can be continuous or discontinuous with high precision and easy operation.

Note: 1.8M Rail 1 Set per standard

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Speed (mm/min)	Method Of Driving	Weight
			Up Down	Forward Backward	Work Angle	Processing Angle			
FJW-6B	AC 220/50	300x270x270	45 mm	45 mm	45°	±10°	150-1500	Rubber wheel four-drive	8
FJW-6B-D	AC 220/50	300x270x270	45 mm	45 mm	45°	±10°	150-1500	Iron wheel four-drive	8



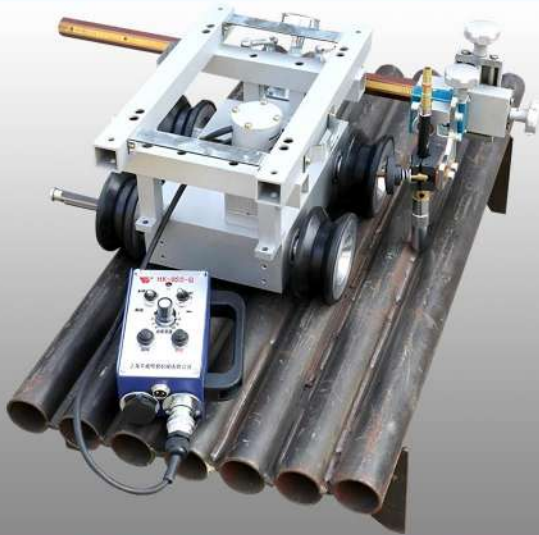
FJW-6WT Wavering angle welding carriage

- Strong machine body, durable and portable.
- Low barycenter designing, with haul of 16kg, smoothly moving.
- Magnet controlling handle makes setting up easy.
- Welding both in left and right; inductor in both end can make machine stop when welding end.
- With wavering function in different mode as required.
- Digital display for wavering angle, time, etc.
- Optional wavering mode:

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control				Weight
			Up Down	Forward Backward	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering speed	Wavering angle	
FJW-6WT	AC 220/50	300x270x270	45 mm	45 mm	45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	9

AUTOMATIC WELDING TRACTOR

Auto Welding Carriage



FJW-8SS-G Welding carriage

- ✓ The machine has small volume, light weight, easy to move and install. With dustproof, magnetization of the transmission system is arranged inside, simple structure, long service life.
- ✓ Adopted four round wheel drive, combination of good material, high temperature resistant, stable welding walking.
- ✓ Powerful solenoid with guide wheel for the car has always been close to weld, welding is accurate.
- ✓ Adopted the electromagnet, easy to clean up garbage and iron.
- ✓ Trolley track can be used welding parent material, can also be ordered according to the customer, can be horizontal fillet welding, especially suitable for welding the internal position of large pipe.
- ✓ Widely used in ships, bridges, petrochemical pipeline engineering, etc.

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Speed (mm/min)	Method Of Driving	Weight
			Up Down	Forward Backward	Work Angle	Processing Angle			
FJW-8SS-G	AC 220/50	430x400x230	60 mm	60 mm	45°	±10°	50-900	Rubber wheel four-drive	13.5

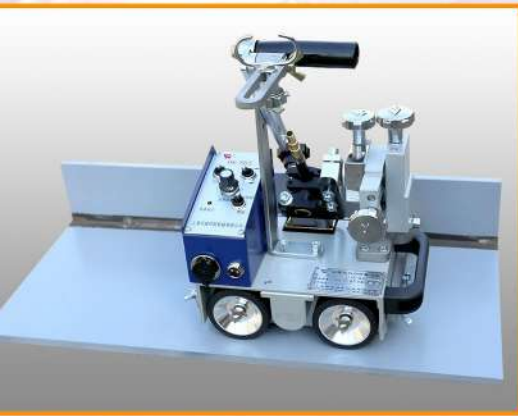


FJW-1000 Automatic submerged arc welding machine

HMZ-1000 submerged arc welding machine, composed of the tractor and power source, can be used for welding seams of lap, butt and fillet of different medium and thick plates of carbon, low alloy, stainless and heat resistant steels.

Model No.	Rated Input Voltage Of Traveling Mechanism		Rated Input Current Of Traveling Mechanism	Rated Input Voltage Of Wire Feeding Mechanism	Rated Input Current Of Wire Feeding Mechanism		Type Of Wire Feeding	Type Of Wire Feeding	Wire Feeding Speed		Rated Power Source	Wire Diameters
FJW-1000	DC110V		0.4A	DC110V	1A		Continuous	0.2~2.2m/min 0.2~1.5m/min	0.3 ~3.0m/min		630A 100A 1250A	2.03.0 3.0/4.0/5.0 4.0/5.0/6.0
	Type Of Wires Applicable	Adjustable Height Of Cross Beam	Adjustable Distance Of Tractor Head	Rotatable Angle Of Cross Beam Around Vertical Column	Tractor Head Indination	Torch Indination	Specification Of Flux	Flux Container Volume	Inner Diameter Of Wire Spool	Wire Spool Capacity	Dimension (LxWxH)	Weight
	Soft steel, solid core	700 mm	100x100x70 (Up Down Left Right Forward Backward)	±90°	±45°	±45°	HJ431 (other fluxes could be applied depending on actual needs)	6L	φ300	25Kg	1080x480x740	55Kg (Do not Include Wire)

Auto Welding Carriage



FJW-8SS Light automatic welding carriage

- ✓ Small volume lightweight, and easy for movement and installation.
- ✓ Adopting builtin dustproof and anti magnetization transmission system, simple structure, and long service life.
- ✓ Adopting synchronous four-wheel drive, with rubber tires featuring excellent materials, high temperature resistance, and steady welding movement.
- ✓ The mighty permanent magnet guide wheel enables the trolley to always adhere to the welding bead closely, guaranteeing precise welding.
- ✓ Adopting gear drive and avoiding the phenomenon that traditional chains have looseness and vibration in running.
- ✓ Can deliver vertical angle welding and horizontal angle welding, and suitable for welding of cross section of reinforcer, etc.
- ✓ Widely applied to ship, bridge, engine, petrochemical complex, and steel structure work etc.

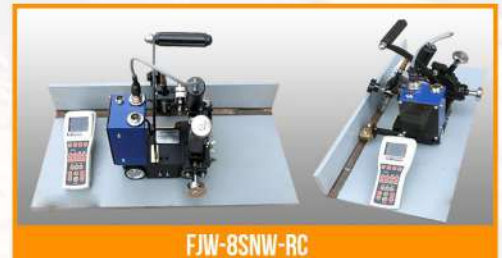
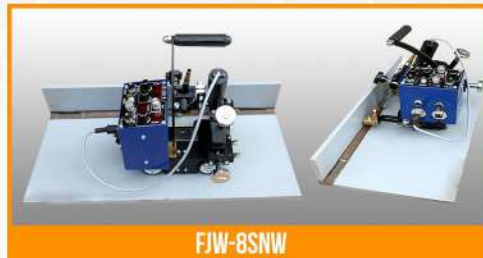


FJW-8SS-A Light automatic welding carriage

- ✓ Small volume lightweight, and easy for movement and installation.
- ✓ Adopting builtin dustproof and anti magnetization transmission system, simple structure, and long service life.
- ✓ Adopting synchronous four-wheel drive, with rubber tires featuring excellent materials, high temperature resistance, and steady welding movement.
- ✓ The mighty permanent magnet guide wheel enables the trolley to always adhere to the welding bead closely, guaranteeing precise welding.
- ✓ Adopting gear drive and avoiding the phenomenon that traditional chains have looseness and vibration in running.
- ✓ Can deliver vertical angle welding and horizontal angle welding, and suitable for welding of cross section of reinforcer, etc.
- ✓ Widely applied to ship, bridge, engine, petrochemical complex, and steel structure work etc.

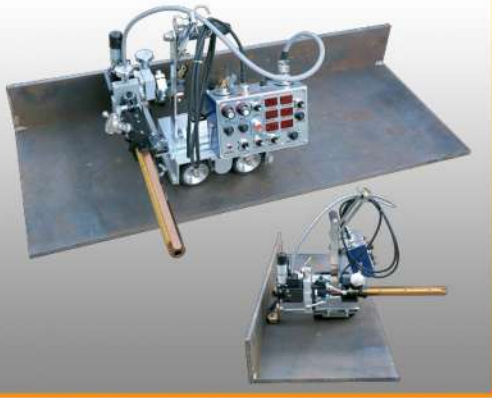
PORTABLE AUTO WELDING CARRIAGE

- ✓ This carriage can walk forward and backward for welding
- ✓ This carriage is small in size and light in weight. It is easy to move and install under different conditions. This carriage adopts four-wheel drive and has high stability in walking.
- ✓ This carriage is adjusted to the automatic control state, and the welding starts. Reduce the number of operators, and one worker can operate multiple trolleys for welding at the same time.



Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control				Speed (mm/min)	Method Of Driving	Weight (kg)
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed	Wavering Angle			
FJW-8SS	AC 220/50	280x230x340	50 mm	50 mm	45°	±10°	/	/	/	/	50-900	Rubber wheel four-drive	7.6
FJW-8SS-A	AC 220/50	280x230x340	50 mm	50 mm	45°	±10°	/	/	/	/	50-900	Rubber wheel four-drive	8.8
FJW-8SN	AC 220/50	230x200x250	50 mm	50 mm	45°	±10°	/	/	/	/	50-900	Rubber wheel four-drive	5
FJW-8SNW	AC 220/50	280x190x290	50 mm	50 mm	45°	±10°	0-2.5s	Brushless Motor	0-99	±15°	50-800	Rubber wheel four-drive	6.5
FJW-8SNW-RC	AC 220/50	280x190x290	50 mm	50 mm	45°	±10°	0-2.5s	Brushless Motor	0-99	±15°	50-800	Rubber wheel four-drive	6.5

Auto Welding Carriage



FJW-8SS-W Swing-type vertical welding automatic

- ✓ Small volume, light weight, and easy for movement and installation.
- ✓ Adopting built-in dustproof and anti-magnetization transmission system, simple structure, and long service life.
- ✓ Adopting synchronous four-wheel drive, with rubber tires featuring excellent materials, high temperature resistance, and steady welding movement.
- ✓ The mighty permanent magnet guide wheel enables the trolley to always adhere to the welding bead closely, guaranteeing precise welding.
- ✓ Adopting gear drive and avoiding the phenomenon that traditional chains have looseness and vibration in running.
- ✓ Possessing swinging function, and available with welding modes of different specifications, and can thus achieve the best welding effect.
- ✓ Swinging speed, angle, off-centering position, and left and right stay time can be modulated at ease, and the digital tube displays various modulation data.
- ✓ Can deliver vertical angle welding and horizontal angle welding, and suitable for welding of cross section of reinforcer, etc.
- ✓ Widely applied to ship, bridge, engine, petrochemical complex, and steel structure work, etc.

FJW-8SSWT Swing-type vertical welding automatic

- ✓ The swing speed, swing angle, center offset position, and left and right residence time can be adjusted, which is suitable for various welding beads of different specifications.
- ✓ The handle is a magnetic control type, moving this handle can partially reduce the magnetic force, which is convenient for cleaning iron garbage and moving the trolley.
- ✓ Permanent magnets and flat guide rails are installed to prevent the trolley from leaving the welding line.

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control			Speed (mm/min)	Method Of Driving	Weight (Kg)	
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed				Wavering Angle
FJW-8SS-W	AC 220/50	435x280x360	50 mm	50 mm	45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	50~900	Rubber wheel four-drive	11.6
FJW-8SSWT	AC 220/50	280x250x360	50 mm	50 mm	45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	50~900	Rubber wheel four-drive	9



FJW-8SS-L Auto welding machine (wire feeder)

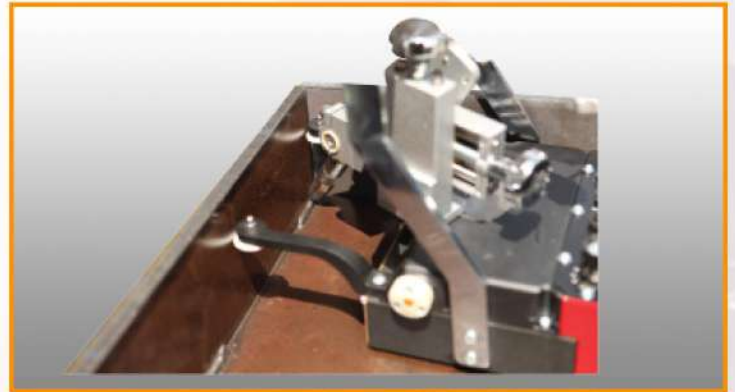
- ✓ The machine is made with a simple and compact structure, which including walking trolley, welding torch and wire feeders. Additionally, the total weight of this machine is about 30KG (without welding wire).
- ✓ The machine has a strong power and walking speed is stable. Especially, the machines has a system to monitoring and adjust speed so that the machine works with a constant speed.
- ✓ Additionally, the machine also have a quick+un model which allows the machine to back to the starting-welding position quickly.
- ✓ The machine has a swinging function, and there has a various welding modes can be chosen to achieve the best welding performance.
- ✓ Wavering speed, angle, off-centering position, and left and right stay time can be adjusted. Additionally, all parameters are displayed by digital tube.
- ✓ The machine is widely used for ship, bridge, engine, petrochemical and steel structure works, ect.

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Speed (mm/min)	Method Of Driving	Weight
			Up Down	Forward Backward	Work Angle	Processing Angle			
FJW-8SS-L	AC 220/50	530x580x700	60 mm	100 mm	45°	±10°	50-750	Rubber wheel four-drive	30

Auto Welding Carriage

FJW-8SS-N No-blind-area welding machine

- ☑ The machine is used for angle welding, and a welding torch is designed to start moving when the tracker is not able to go forward. Therefore, the machine has able to weld front and rear area to prevent welding blind area.
- ☑ The machine is made with a small and compact structure, and it is easy to move and installed.
- ☑ The machine has a stabilized voltage supply inside to prevent interference by the arc welding. Based on the works of magnet and guide wheel, the machine can track welding trajectory perfectly.
- ☑ The machine uses a high-quality copper gear to avoid the magnetic interference of the magnet at the bottom of the tracker. Additionally, its rubber wheels are high temperature resistant. As a result, the tracker can move stably.



SECTION AUTOMATIC WELDING CARRIAGE

- ☑ Mainly used for welding of U-shaped materials during bridge or box girder making;
- ☑ Small size, light weight, and integrated body which is solid and durable.
- ☑ Low gravitational center design with built-in high strength magnet and the high temperature proof rubber wheel drive leads to stable running.
- ☑ The X-Y adjustment of the welding pistol is very convenient, and support synchronous welding of two welding pistols, and also single welding pistol.
- ☑ Can conduct welding in both left and right directions, with both ends installed with the route sensing switch, which can make the trolley stop automatically upon ending of welding.
- ☑ Possessing the function of arc welding, and improving the quality of welding line of arc.
- ☑ Can be widely applied to ship, bridge, engine, and steel structure work, etc.



FJW-8H



FJW-8U

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Speed (mm/min)	Method Of Driving	Weight
			Up Down	Forward Backward	Work Angle	Processing Angle			
FJW-8SS-N	AC 220/50	220x300x225	60 mm	60 mm	45°	±10°	50~780	Rubber wheel four-drive	7.5
FJW-8U	AC 220/50	380x680x700	60 mm	10 mm	45°	±10°	50~1000	Rubber wheel four-drive	17.8
FJW-8H	AC 220/50	340x650x370	60 mm	10 mm	45°	±10°	50~1000	Rubber wheel four-drive	17.8

Auto Welding Carriage

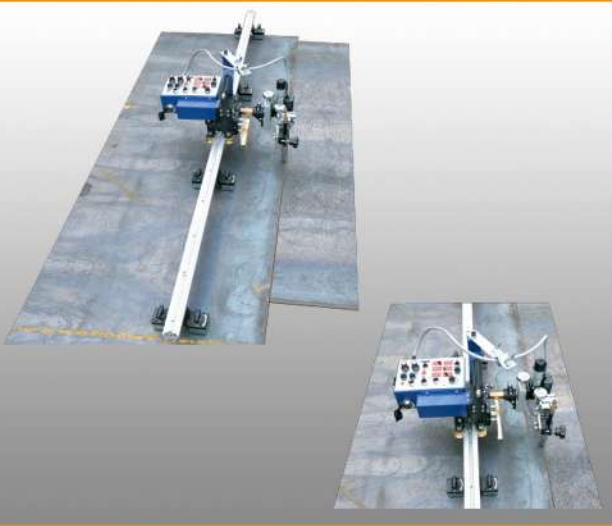


FJW20 Mini-rail welding carriage

- Automatic fillet and butt welding in all position without torch weaving.
- Light weighted, simple and easy operation.
- Quick release clutch mechanism is provided to freely move the carriage into the desired position on the rail.
- Suitable to use in limited space.
- One piece of 1.8m long rail is included as standard. - the rail length can be.

Note: 1.8M Rail 1 Set per standard

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Speed (mm/min)	Method Of Driving	Weight
			Up Down	Forward Backward	Work Angle	Processing Angle			
FJW20	AC 220/50	350x250x250	45 mm	45 mm	0°~45°	±10°	50~800	Rack and Pinion	5



FJW-100 Wavering auto welding carriage

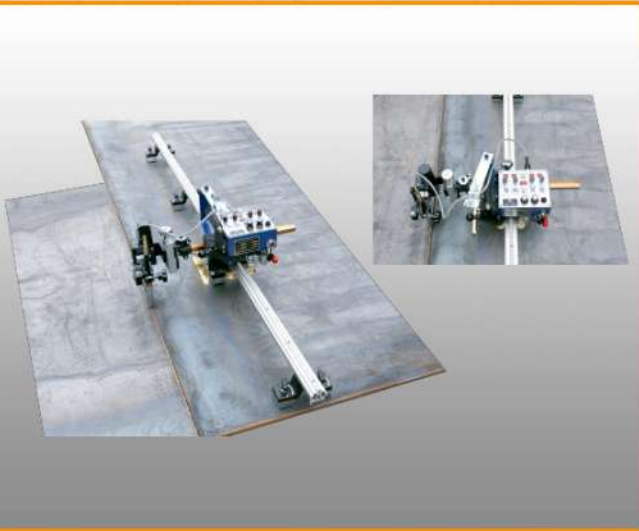
- Used for the auto-welding of jointing, vertical and horizontal
- Welding touch has wavering function. Waving speed, angle, central shifting and left/right pause time can be adjusted so as to make the best welding result.
- The driven is equipped with manual clutch for easy position and returning to the starting position of the welding.
- Small rail is easy to move and equipped with permanent magnet, easy to operate.
- Widely use in shipbuilding ,bridge ,vehicle oil&chemical and steel structure engineering.
- Wavering mode:

Note: 1.8M Rail 1 Set per standard

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control				Speed (mm/min)	Method Of Driving	Weight (Kg)
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed	Wavering Angle			
FJW-100	AC 220/50	480x260x100	60 mm	150 mm	0°~45°	±10°	0~2.5s	Brushless Motor	0~100	±15°	50~800	Rack and Pinion	9

AUTOMATIC WELDING TRACTOR

Auto Welding Carriage



FJW-100 Wavering auto welding carriage (2021V)

- Used for the auto-welding of jointing, vertical and horizontal.
- Welding touch has wavering function. Waving speed, angle, central shifting and left/right pause time can be adjusted so as to make the best welding result.
- The driven is equipped with manual clutch for easy position and returning to the starting position of the welding.
- Small rail is easy to move and equipped with permanent magnet, easy to operate.
- Widely use in shipbuilding ,bridge vehicle oil&chemical and steel structure engineering.
- Wavering mode:

Note: 1.8M Rail 1 Set per standard

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control				Speed (mm/min)	Method Of Driving	Weight (Kg)
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed	Wavering Angle			
FJW-100	AC 220/50	480x260x100	60 mm	150 mm	0°~45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	50~800	Rack and Pinion	8



FJW-100-RC Standart angle welding machine

- Used for the auto-welding of jointing, vertical and horizontal.
- Welding touch has wavering function. Waving speed, angle, central shifting and left/right pause time can be adjusted so as to make the best welding result.
- The driven is equipped with manual clutch for easy position and returning to the starting position of the welding.
- Small rail is easy to move and equipped with permanent magnet, easy to operate.
- Wireless remote control operation saves effort and energy.
- Wavering mode:

Note: 1.8M Rail 1 Set per standard

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control				Speed (mm/min)	Method Of Driving	Weight (Kg)
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed	Wavering Angle			
FJW-100-RC	AC 220/50	480x260x100	60 mm	150 mm	0°~45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	50~800	Rack and Pinion	8

AUTOMATIC WELDING TRACTOR

Auto Welding Carriage



FJW-100S Welding swing-type automatic welding carriage

- ✓ Possessing swinging function, and available with welding modes of different specifications, and can thus achieve the best welding effect.
- ✓ Swinging speed, angle, off-centering position, and left and right stay time can be modulated at ease, and the digital tube displays various modulation data.
- ✓ Relatively wide section aluminum track makes the whole machine more stable in center of gravity; the under part of the track is installed with permanent magnet with switch, making it convenient for installation and movement.
- ✓ The drive is partially installed with manually operated clutch, which is convenient for rapid positioning of the machine on the track; the guide wheel is also provided with the engaging and disengaging gear, which is very convenient for install and uninstal of trolley and guide rail.
- ✓ Can deliver vertical angle welding and horizontal angle welding, and suitable for welding of cross section of reinforcer, etc.
- ✓ Widely applied to ship, bridge, engine, petrochemical complex, and steel structure work, etc.

Wavering mode:

Note: 2M Flexible Rail: 2 Set per Standad package

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control			Speed (mm/min)	Method Of Driving	Weight (Kg)	
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed				Wavering Angle
FJW-100S	AC 220/50	540x260x280	60 mm	150 mm	0°~45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	50~800	Sprocket Drive	10

FJW-100S-RC Staright welding swing-type

- ✓ Possessing swinging function, and available with welding modes of different specifications, and can thus achieve the best welding effect.
- ✓ Swinging speed, angle, off-centering position, and left and right stay time can be modulated at ease, and the digital tube displays various modulation data.
- ✓ Relatively wide section aluminum track makes the whole machine more stable in center of gravity; the under part of the track is installed with permanent magnet with switch, making it convenient for installation and movement.
- ✓ The drive is partially installed with manually operated clutch, which is convenient for rapid positioning of the machine on the track; the guide wheel is also provided with the engaging and disengaging gear, which is very convenient for install and uninstal of trolley and guide rail.
- ✓ Can deliver vertical angle welding and horizontal angle welding, and suitable for welding of cross section of reinforcer, etc.
- ✓ Vacuum sucker guide rail may be selected for welding of stainless steel or aluminum materials.
- ✓ Wireless remote control operation saves effort and energy.

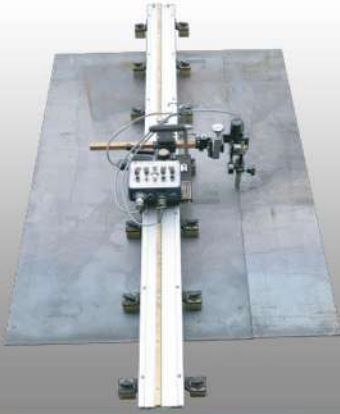
Wavering mode:

Note: 2M Flexible Rail: 2 Set per Standad package

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control			Speed (mm/min)	Method Of Driving	Weight (Kg)	
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed				Wavering Angle
FJW-100S-RC	AC 220/50	540x260x280	60 mm	150 mm	0°~45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	50~800	Sprocket Drive	10

AUTOMATIC WELDING TRACTOR

Auto Welding Carriage



FJW-100KE Straight Oscillation welding machine

- ✓ The machine has a swinging function, and there has a various welding modes can be chosen to achieve the best welding performance.
- ✓ Wavering speed, angle, off-centering position, and left and right stay time can be adjusted. Additionally, all parameters are displayed by digital tube.
- ✓ The machine can be used for straight welding, and wavering function also is able to do wide welding seam.
- ✓ The machine uses a brushless-motor-driven to ensure the machine move steadily and high-quality welding performance.
- ✓ The drive is partially installed with manually operated clutch, which is convenient for rapid positioning of the machine on the track; the guide wheel is also provided with the engaging and disengaging gear, which is very convenient for install and uninstall of trolley and guide rail.
- ✓ The machine can be used for vertical and horizontal welding, and it is suitable for welding of cross section of reinforce, etc.
- ✓ Vacuum sucker guide rail may be chosen for welding of stainless steel or aluminum materials. The machine is widely used for ship, bridge, engine, petrochemical complex, and steel structure works, etc.

Note: 2M Flexible Rail: 2 Set per Standad package

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control			Speed (mm/min)	Method Of Driving	Weight (Kg)	
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed				Wavering Angle
FJW-100KE	AC 220/50	540x360x280	60 mm	180 mm	0°~45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	5-850	Rack and Pinion	8

FJW-100SE Straight Oscillation welding machine (flexible rails)

- ✓ The machine has a swinging function, and there has a various welding modes can be chosen to achieve the best welding performance.
- ✓ Wavering speed, angle, off-centering position, and left and right stay time can be adjusted. Additionally, all parameters are displayed by digital tube.
- ✓ The machine has flexible rails, is suit for welding of pipe with large diameter.
- ✓ The machine uses a brushless-motor-driven to ensure the machine move steadily and high-quality welding performance.
- ✓ The drive is partially installed with manually operated clutch, which is convenient for rapid positioning of the machine on the track; the guide wheel is also provided with the engaging and disengaging gear, which is very convenient for install and uninstall of trolley and guide rail.
- ✓ Vacuum sucker guide rail may be chosen for welding of stainless steel or aluminum materials
- ✓ The machine is widely used for ship, bridge, engine, petrochemical complex, and steel structure works, etc.

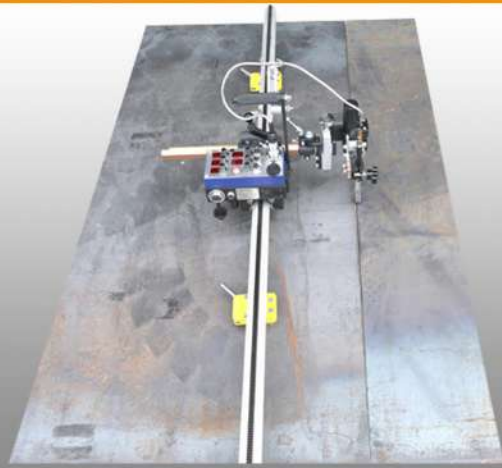
Wavering mode:

Note: 2M Flexible Rail: 2 Set per Standad package

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control			Speed (mm/min)	Method Of Driving	Weight (Kg)	
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed				Wavering Angle
FJW-100SE	AC 220/50	540x350x290	60 mm	180 mm	0°~45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	5-850	Sprocket Drive	9

AUTOMATIC WELDING TRACTOR

Auto Welding Carriage



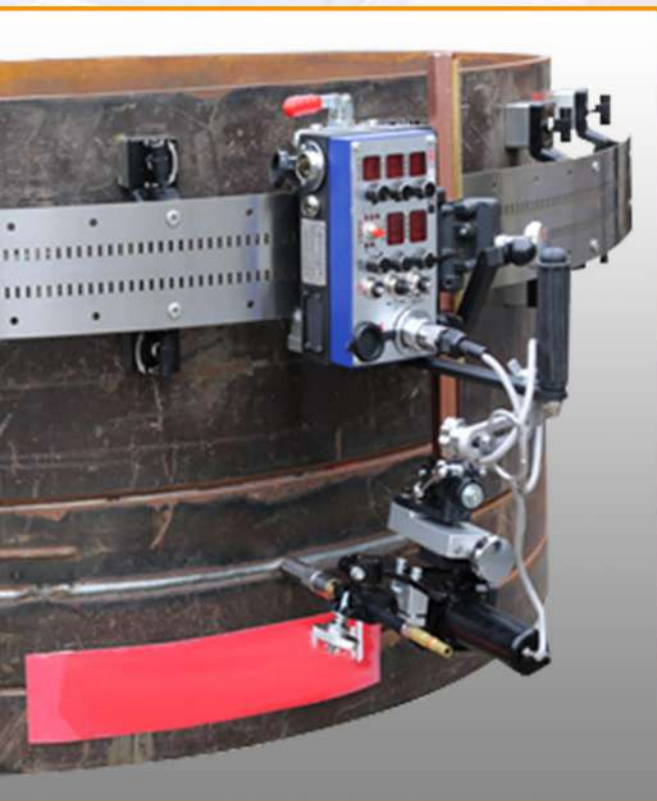
FJW-200WK Wavering auto welding carriage (2021V)

- Used for the auto-welding of jointing, vertical and horizontal
- Welding touch has wavering function. Waving speed, angle, central shifting and left/right pause time can be adjusted so as to make the best welding result.
- The driven is equipped with manual clutch for easy position and returning to the starting position of the welding.
- Small rail is easy to move and equipped with permanent magnet, easy to operate.
- Widely use in shipbuilding ,bridge vehicle oil&chemical and steel structure engineering.

Wavering mode:

Note: 1.5M Flexible Rail: 1 Set per Standad package

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control				Speed (mm/min)	Method Of Driving	Weight (Kg)
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed	Wavering Angle			
FJW-200WK	AC 220/50	540x240x300	60 mm	150 mm	0°~45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	50-700	Rack And Pinion	7.5



FJW-200WSF Straight welding swing-type automatic welding carriage

- Possessing swinging function, and available with welding modes of different specifications, and can thus achieve the best welding effect.
- Swinging speed, angle, off-centering position, and left and right stay time can be modulated at ease, and the digital tube displays various modulation data.
- Relatively wide section aluminum track makes the whole machine more stable in center of gravity; the under part of the track is installed with permanent magnet with switch, making it convenient for installation and movement.
- The drive is partially installed with manually operated clutch, which is convenient for rapid positioning of the machine on the track; the guide wheel is also provided with the engaging and disengaging gear, which is very convenient for install and uninstall of trolley and guide rail.
- Can deliver vertical angle welding and horizontal angle welding, and suitable for welding of cross section of reinforcer, etc.
- Vacuum sucker guide rail may be selected for welding of stainless steel or aluminum materials.
- Widely applied to ship, bridge, engine, petrochemical complex, and steel structure work, etc.

Wavering mode:

Note: 2M Flexible Rail: 1 Set per Standad package

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control				Speed (mm/min)	Method Of Driving	Weight (Kg)
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed	Wavering Angle			
FJW-200WSF	AC 220/50	520x240x300	60 mm	150 mm	0°~45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	150-900	Sprocket Drive	8

AUTOMATIC WELDING TRACTOR

Auto Welding Carriage



FJW-11WE Pipe all position Automatic Welding Carriage

- This device is mainly used for pipeline engineering and pressure vessel welding.
- The machine is small in size, light in weight, and the integrated body is sturdy and durable.
- Low center of gravity design, high strength magnet placed inside, ferromagnetic wheel drive, smooth walking.
- The welding torch X-Y adjustment is very convenient, and the steel belt track guide, accurate alignment welding.
- The control box is equipped with LED display, various parameters are displayed intuitively and clearly.
- With arc closing function to improve the welding quality at the closing arc. Equipped with oscillating device.



FJW-11WS Pipe all-position (wireless remote control)

- This device is mainly used for pipeline engineering and pressure vessel welding.
- The machine is small in size, light in weight, and the integrated body is sturdy and durable.
- Low center of gravity design, high strength magnet placed inside, ferromagnetic wheel drive, smooth walking.
- The welding torch X-Y adjustment is very convenient, and the steel belt track guide, accurate alignment welding.
- Wireless remote control operation saves effort and energy.
- With arc closing function to improve the welding quality at the closing arc.
- Equipped with oscillating device.

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control			Speed (mm/min)	Method Of Driving	Weight (Kg)
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Wavering Speed	Wavering Angle			
FJW-11WE	AC 220/50	380x279x180	60 mm	110 mm	0°~45°	±10°	0~2.5s	0~100	±15°	50-500	Iron wheel four-drive	14.5
FJW-11WS	AC 220/50	300x310x180	60 mm	110 mm	0°~45°	±10°	0~2.5s	0~100	±15°	50-500	Iron wheel four-drive	11



FJW-11WG Pipe all-position (wireless remote control)

- FJW-11WG automatic all-position welding machine for pipeline adopts the way of pipe fixing and welding carriage walking to realize the automatic all-position welding of pipeline, and the welding process adopts high-efficiency and low-cost melt gas shielded welding;
- The main features of the FJW-11WG automatic all-position welding machine for pipes are its light and portable design, especially suitable for automatic welding of pipes at construction sites, easy to learn to operate, fast welding speed, high production efficiency, low labor intensity and stable welding performance.
- The equipment is applicable to a wide range of pipes with diameter $\Phi 150$ mm and above. Theoretically, there is no limitation of welding wall thickness, and thick-walled pipes can be welded in multiple layers.

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control			Speed (mm/min)	Method Of Driving	Weight (Kg)	
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed				Wavering Angle
FJW-11WG	AC 220/50	380x1800x279	60 mm	150 mm	0°~45°	±10°	0~2.5s	Brushless Motor	0~100	±15°	0-750	Iron wheel four-drive	14.5

AUTOMATIC WELDING TRACTOR

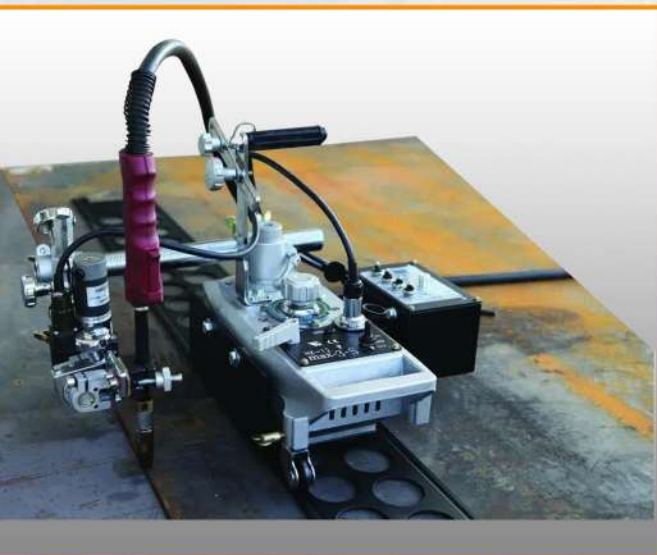
Auto Welding Carriage



FJW1-30SW Automatic oscillating welding carriage

The FJW1-30SW Automatic oscillating welding carriage is made of high-strength aluminum ingot material by precision die-casting, its reasonable structural design to ensure good walking stability. When this carriage is running at standard speed, it can be used for automatic oscillating welding with the control box and oscillating device. This machine can also be equipped with a flame cutting torch for cutting.

Note: 1.8M Flexible Rail: 2 Set per Standad package



FJW-12MAX-3-S Swing auto welding carriage

- The machine adopts high-strength aluminium alloy ingot materials and is manufactured through accurate die-casting. Its structure is designed reasonably to ensure good stability in movement.
- The speed control system of the device adopts a mechanical two-cone stepless speed change system to control the speed more intuitively.
- The machine adopts an imported alternator with cooling fan, in which the carbon brush need not be changed.
- The machine can use different troches such as plasma, gas cutting and welding troches. Additionally, it also has a high-speed mode to be used with plasma cutting.
- The machine has a welding control box and a wavering part to do the wavering welding works.

Note: 1.8M Flexible Rail: 1 Set per Standad package

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control			Speed (mm/min)	Method Of Driving	Weight (Kg)
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Wavering Speed	Wavering Angle			
FJW1-30SW	AC 220/50	445x600x260	80 mm	200 mm	0°~45°	±10°	0~2.5s	0~100	±15°	50-750	Iron wheel four-drive	17
FJW-12MAX-3-S	AC 220/50	220x300x225	80 mm	120 mm	0°~45°	±10°	0~2.5s	0~100	±15°	80-800/240-2400	Iron wheel four-drive	12.5



FJW-72T-W Standart angle welding machine

- Used for the auto-welding of jointing, vertical and horizontal.
- Welding touch has wavering function. Waving speed, angle, central shifting and left/right pause time can be adjusted so as to make the best welding result.
- The driven is equipped with manual clutch for easy position and returning to the starting position of the welding.
- Small rail is easy to move and equipped with permanent magnet, easy to operate.
- Widely use in shipbuilding ,bridge ,vehicle oil & chemical and steel structure engineering.

Wavering mode:

Note: 1.8M Rail 1 Set per standard

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Wavering Control				Speed (mm/min)	Method Of Driving	Weight (Kg)
			Up Down	Left Right	Work Angle	Processing Angle	Left/right pause time	Oscillating Motor	Wavering Speed	Wavering Angle			
FJW-72T-W	AC 220/50	350x230x280	50 mm	80 mm	0°~45°	±10°	0~2.5s	Brushless Motor	0~99	±15°	50-800	Rack and Pinion	6.8

Auto Welding Carriage



FJW-22MZ Automatic submerged arc welding tractor

- ☑ This machine has a light weight and steady movement. It equips a wire feeder which is suit for wire diameter from $\Phi 0.8 \sim \Phi 1.6$.
- ☑ The wire feeds provide tractive effort and high accuracy with lower energy consumption
- ☑ The welding torch and wire feeder use the one-piece design to provide convenience to adjustment and installed.
- ☑ The Flux container can be adjust by different angle and height.
- ☑ It used for butt welding, angle welding and overlap welding with medium-thick plate and thick plate.

FJW-31 Butt-welding carriage

- ☑ Portable design is good for installing and carrying. Adopting build-in dustproof and anti-magnetization transmission system, simple structure and long service life.
- ☑ Adopting synchronous four-wheel drive, with rubber tires featuring excellent materials, high temperature resistance, and steady welding movement.
- ☑ It use gear drive to avoid looseness and vibration of traditional chain drive during the movement.
- ☑ It has wavering function with various welding paths to ensure high welding quantity. Waving speed, angle, central shifting and left/right pause time can be adjusted, and
- ☑ all parameter can be shown on the meter. It is suit for long-distance butt welding etc, It is widely applied to ship, bridge, petrochemical and steel structure work, etc.

Note: 1.8M Flexible Rail: 2 Set per Standad package

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Speed (mm/min)	Method Of Driving	Weight
			Up Down	Forward Backward	Work Angle	Processing Angle			
FJW-22MZ	Power supply for welding machine DC24V	470x230x750	110 mm	80 mm	45°	±15°	50~1500	Iron wheel four-drive	19
FJW-31	AC 220/50	425x268x230	120 mm	320 mm	0°~45°	±10°	50~780	Rubber wheel four-drive	13.8



FJW-58 Automatic tube and plate welding machine

- ☑ It is mainly used for automatic welding of boiler tube plate, tube box tube plate, air preheater tube plate and various heat exchanger tube plate.
- ☑ It can realize the automatic welding of flat angle welding seam of tube extension and butt welding seam of tube flush type.
- ☑ It adopts programmable controller for control, Chinese character human-machine interface, intuitive operation, high reliability and strong expandability.

Model No.	Supply Voltage V/Hz	LxWxH (mm)	Rang For Adjusting Torch				Weldable Tube Diameter (mm)	Speed (mm/min)	Method Of Driving	Weight
			Up Down	Forward Backward	Work Angle	Processing Angle				
FJW-58	AC 220/50	300x170x520	±60 mm	±60 mm	45°	±90°	φ40~58	0~100	Stepper Motor	8.5

FUJIIWELD

フジ ウェルディング イクイップメント



PNEUMATIC ELECTRIC BEVELER

PNEUMATIC ELECTRIC BEVELER



FJW-80

FJW-150

FJW-351

FJW-500

FJW-850-II

FJW Series Pneumatic Pipe Beveling Machine.

Technical parameters: pneumatic motor drive, air pressure 0.6MPa-0.8MPa, air consumption 650-2000L / min. Standard tool: 0° flat tool, 30° beveling tool, 37° beveling tool. (Note: For beveling other degrees or other material alloy steel, cast steel, please inform us before ordering)

Product Description: This product design with internal expansion and self-centering structure, easy to operate. Pneumatic motor drive does not produce spark, safe and reliable during use. Use an air compressor during operation. It is applicable to flammable and explosive workplace. The II type of pipe beveling machine with automatic tool feeding structure design, the feeding speed is adjustable, the beveling degree can be adjusted in the range of 0°-37°, suitable for thick-walled pipe beveling processing.

Model No.	Processing Range (mm)	Beveling Thickness (mm)	Cutter Speed (rpm)	Weight Of Machine (Kg)
FJW-28	φ16-28	≦8	50	8.5
FJW-80	φ28-78	≦15	56	11
FJW-150	φ65-161	≦15	25	24.5
FJW-250	φ80-240	≦15	20	45.2
FJW-250-II	φ80-240	≦75	20	44.6
FJW-351	φ150-330	≦15	14	58.2
FJW-351-II	φ150-330	≦75	14	66.4
FJW-500	φ250-520	≦15	8	94
FJW-630	φ280-610	≦15	10	115.3
FJW-630-II	φ280-610	≦75	10	119.3
FJW-850-II	φ610-820	≦75	9	167

PNEUMATIC ELECTRIC BEVELER

Pipe Beveler



FJW-28



FJW-80



FJW-150



FJW-250



FJW-351



FJW-351-II



FJW-500



FJW-850-II

FJW Series Of Electric Pipe Beveling Machine

Technical parameters: carbon brush motor drive, voltage 220V, frequency 50-60Hz.

Standard tool: 0° flat tool, 30° bevelingtool, 37° bevelingtool.

(Note: For beveling other degrees or other material alloy steel, cast steel, please inform us before ordering)

Product Description: This product design with internal expansion and self-centering structure, easy to operate. It uses carbon brush motor drive, high speed, low power consumption, motor power 1.5KW-1.8KW. Widely used in petroleum, chemical, natural gas, boilers, nuclear power, stadium construction and other industries pipeline installation works and repair operations. The II type of pipe beveling machine with automatic tool feeding structure design, the feeding speed is adjustable, the beveling degree can be adjusted in the range of 0°-37°, suitable for thick-walled pipe beveling processing.

Model No.	Processing Range (mm)	Beveling Thickness (mm)	Cutter Speed (rpm)	Weight Of Machine (Kg)
FJW-28	φ16-28	≤8	50	10.5
FJW-80	φ28-78	≤15	56	13.5
FJW-150	φ65-161	≤15	19	27
FJW-250	φ80-240	≤15	11	51.2
FJW-250-II	φ80-240	≤75	20	47
FJW-351	φ150-330	≤15	9.5	61.3
FJW-351-II	φ150-330	≤75	9.5	69.4
FJW-500	φ250-520	≤15	8	95
FJW-630	φ280-610	≤15	6	118.3
FJW-630-II	φ280-610	≤75	6	122.3
FJW-850-II	φ610-820	≤75	8	169.5

PNEUMATIC ELECTRIC BEVELER

Pipe Beveler



FJW-300



FJW-450



FJW-750

FJW-Pneumatic Pipe Beveler

It is an external mounting type machine suitable for processing at working Site and where with danger of explosion.

Drive motor: GPX pneumatic motor

Working pressure: 0.6MPa-0.8MPa

Air flow: 1500-2000L / min

Single tool max cutting thickness: ≤25mm

Model No.	Processing Range (mm)	Beveling Thickness (mm)		Cutter Speed (rpm)
		Single Tool (mm)	Multi-Tool (mm)	
FJW-150	φ65-150	≦25	≦50	16
FJW-300	φ150-300	≦25	≦50	15
FJW-450	φ300-450	≦25	≦50	14
FJW-600	φ450-600	≦25	≦50	13
FJW-750	φ600-750	≦25	≦50	12.2
FJW-900	φ750-900	≦25	≦50	11.2
FJW-1050	φ900-1050	≦25	≦50	10.2
FJW-1116	φ1050-1116	≦25	≦50	8.5

PNEUMATIC ELECTRIC BEVELER

Pipe Beveler



FJW-150



FJW-300



FJW-750



FJW-450



FJW-900

FJW-Pneumatic Pipe Beveler

It is an external mounting type machine suitable for processing at working Site and where with danger of explosion.

Drive motor: FJW electric motor

Motor power: 1100W-2200W

Frequency: 50Hz

Current: 6A

Single tool max cutting thickness: ≤ 25mm

Model No.	Processing Range (mm)	Beveling Thickness (mm)		Cutter Speed (rpm)
		Single Tool (mm)	Multi-Tool (mm)	
FJW-150	φ65-150	≦25	≦50	20
FJW-300	φ150-300	≦25	≦50	20
FJW-450	φ300-450	≦25	≦50	20
FJW-600	φ450-600	≦25	≦50	20
FJW-750	φ600-750	≦25	≦50	19
FJW-900	φ750-900	≦25	≦50	18
FJW-1050	φ900-1050	≦25	≦50	18
FJW-1116	φ1050-1116	≦25	≦50	12

PNEUMATIC ELECTRIC BEVELER

Facing Machine



FJW-150



FJW-300

FJW Series Of Electric Pipe Beveling Machine

This series of products for large-scale pipeline or flange processing.

With the internal expansion type positioning installation and mechanical multi-support claws fixed inside of the flange or pipe wall. The machine could work in safe and reliable condition.

Could work for flange facing, seal groove and flange sealing surface.

Widely used in oil, ships, boilers, nuclear power and other areas of the pipeline and flange surface repair processing.

Two power supply option CNC model or hydraulic drive model.

Model No.	Drive Model	Processing Range (mm)	Cutter Rotational Speed (Rpm)	Flange Sealing Surface Process	Plane And Groove Process	Beveling Process
FJW-500	Hydraulic	φ200~500	18	×	✓	✓
FJW-500	CNC					
FJW-1000	Hydraulic	φ500~1000	12	×	✓	✓
FJW-1000	CNC					
FJW-1500	Hydraulic	φ1000~1500	8	✓	✓	✓
FJW-1500	CNC					
FJW-2000	Hydraulic	φ1000~2000	8	✓	✓	✓
FJW-2000	CNC					
FJW-3000	Hydraulic	φ1500~3000	5	✓	✓	✓
FJW-3000	CNC					

PNEUMATIC ELECTRIC BEVELER

Pipe Beveler



FJW-63 / FJW-114 FJW Series circumscribed Pipe Beveler

FJW series pipe beveling machine is mainly used for pressure pipe beveling before welding special equipment, electric fire island for some site work space is limited pipeline maintenance, repair characteristics of large quantities of design and manufacture of special type equipment.

- For water wall, superheater, reheater, economizer tubes and other professional equipment on-site conditions and the dimensions of the machine designed to maximize the machine's overall weight reduction.
- Simplified methods of operation, improve work efficiency.
- Choose low alloy steel tips, can adapt to a variety of labels for steel pipe processing.
- Imported from Germany metabo motor, powerful engine and durable endurance.
- Chips machine can automatically feed, automatic retraction reset, simple operation, safe and reliable.

Model No.	Power Supply V/Hz	Bevel Angle V Type	Longitudinal Travel (mm)	Bevel Range ϕ (mm)	Beveling Thickness Range (mm)	Weight (Kg)
FJW-63	AC220/50	30°45°60°	0-16	25, 28, 32, 38, 42, 44.5, 48, 51, 54, 57, 60, 63	< 12	11.5
FJW-114	AC220/50	30°45°60°	0-18	76, 83, 89, 95, 102, 108, 114	< 12	/



FJW-15-S Chamfering machine

It is mainly used for beveling of metal plates and end faces of holes. It can completely replace the previous thermal processing of flame and arc cutting and slow manual grinding process, and can achieve the beveling accuracy that cannot be achieved by the above processes, so as to meet the requirements of welding specifications. The machine is easy to operate, easy to adjust the beveling rules, economical and reliable, and 10-15 times more efficient than economic equipment.

Model No.	Electric Power V/Hz	Motor Power (W)	Oscillating Motor (mm)	Beveling Angle	Minimum Fillet Radius Of Workpiece (Depending On The Chamfer Width)	Minimum Aperture (Depending On The Chamfer Width)	Weight (Kg)
FJW-15-S	AC220/50	2020W	≤15	Standard 30° (Other angles need to be customized)	12-20 mm	45-60mm	8.5



FJW-15 Series pipe & Plate Beveler

This machine is specialized in beveling process for pipe and plate, as well as milling. It features portable and compact and reliable performance. It is widely used and with unique advantage in cutting process of copper, aluminum, stainless steel and other metals. It's efficiently 30-50 times the original hand milling.

Model No.	Electric Power V/Hz	Motor Power (W)	Beveling Range	Beveling Angle	Blade Number	Weight (Kg)	Minimum Slope Mount Diameter (mm)
FJW-15	AC220/50	1100W	≤15	15°-45°	12	23	≥ ϕ 168

Automatic Plate Milling Machine



FJW 60L

FJW 60S

Automatic Plate Milling Machine

This product is an auto feeding milling equipment, processing beveling while milling. It could reduce the use of cost and labor intensity. With cold cutting operation the beveling surface without oxidation. The processed surface finish can reach to Ra3.2 ~ 6.3. It fully meet the welding industry requirements. No burring are required to start welding. This product is simple and non-polluting.

Model No.	Electric Power V/Hz	Beveling Power (w)	Beveling Speed (mm/min)	Minimum Plate Length (mm)	Minimum Clamping Plate Width (mm)	Total Power (w)	Feed Power (w)	Steel Plate Beveling Degree	Beveling Steel Plate Thickness (mm)	Weight (kg)
FJW 60L	AC380V/50Hz	4000	0-1500 (adjustable)	200	≥100mm	4400	400	0~90°	8~60	218
FJW 60S	AC380V/50Hz	4000	0-1500 (adjustable)	200	≥100mm	4400	400	0~90°	8~60	220

PNEUMATIC ELECTRIC BEVELER

Automatic Plate Milling Machine



FJW 80

FJW 80R

Automatic Plate Milling Machine

This product is an auto feeding milling equipment, processing beveling while milling. It could reduce the use of cost and labor intensity. With cold cutting operation the beveling surface without oxidation. The processed surface finish can reach to Ra3.2 ~ 6.3. It fully meet the welding industry requirements. No burring are required to start welding. This product is simple and non-polluting.

Model No.	Electric Power V/Hz	Beveling Power (w)	Beveling Speed (mm/min)	Single Pas Beveling Width (mm)	Maximum Slope Width (mm)	Minimum Damping Plate Width (mm)	Total Power (w)	Feed Power (w)	Steel Plate Beveling Degree	Beveling Steel Plate Thickness (mm)	Weight (kg)
FJW80	AC380V/50Hz	4400	0-1500 (adjustable)	15-20mm	67mm	≥200mm	4800	400	0~60°	8~60	245
FJW80R	AC380V/50Hz	4400	0-1500 (adjustable)	0-20mm	67mm	≥200mm	4800	400	0~60°	8~60	310

PNEUMATIC ELECTRIC BEVELER

Pipe & Plate Beveler



FJW-12



FJW-12G



FJW-28

Automatic Plate Milling Machine

- ☑ This machine is the production equipment with high working efficiency, ready for self propelled operation as well as steady running.
- ☑ Suitable for high-volume centralized production, flexible to use in every place of workshop.
- ☑ A small investment, no limit working length and high working flexibility.
- ☑ During processing, the machine automatically feeds along the edge of plate with high feeding speed and high efficiency. Without any change of plate shape and plate metallography.
- ☑ At the same time, an operator can take care of several devices, the working condition is simple.
- ☑ Suitable for the cutting of ordinary carbon steel, medium carbon steel, stainless steel, aluminum alloy and other materials
- ☑ FJW-12 can bevel the 12mm width of the slope in a single pass (when the common carbon steel plate is the 400MP)
- ☑ FJW-28 can bevel the 28mm width of the slope in a single pass (when the common carbon steel plate is 400MP)

Model No.	Power Supply V/Hz	Motor Power (w)	Processing Minimum Width (mm)	Thick Steel Plate Processing (mm)	Beveling Speed (m/min)	Pipe Beveling Minimum Diameter (mm)	Weigh (Kg)
FJW-12	AC380V/50Hz	2200	55	6-40	2.6	100	99
FJW-12G	AC380V/50Hz	2200	85	6-40	2.6	/	175
FJW-28	AC380V/50Hz	2200	100	6-50	2.1	/	415

FUJiWELD

フジ ウェルディング イクイップメント



ELECTRODE DRYER & OVEN

ELECTRODE DRYER & OVEN

Portable Electrode Dryer



FJW-5



FJW-3



FJW-10

Portable Welding Rod Dryer For 5Kg Rod

FJW Series: heating by arc welder with secondary side power of both DC and AC. Drying speed will be slowed down when welder is working. Can be 45° Slope placed. easy for getting rod.

Model No.	Rod Length (mm)	Capability (Kg)	Power (W/V)	LxWxH (mm)	Weight (Kg)	Remarks
FJW-2.5	400	2.5	140/90	180φx590H	1.8	Zinc coated inner tube
FJW-5	400	5	140/90	180φx590H	2.0	Zinc coated inner tube
FJW-2.5A	450	2.5	140/90	180φx640H	2.0	Zinc coated inner tube
FJW-5A	450	5	140/90	180φx640H	2.2	Zinc coated inner tube
FJW-2.5B	400	2.5	140/90	180φx590H	2.0	Stainless steel inner tube
FJW-5B	400	5	140/90	180φx590H	2.0	Stainless steel inner tube

Portable Welding Rod Dryer For 5Kg Rod

FJW-3 Series: heating by arc welder with secondary side power of both DC and AC. Drying speed will be slowed down when welder is working. Can be 45° Slope placed. easy for getting rod.

Model No.	Rod Length (mm)	Capability (Kg)	Power (W/V)	LxWxH (mm)	Weight (Kg)	Remarks
FJW-3	400	5	140/90	160φx500H	1.6	Zinc coated inner tube
FJW-3A	450	5	140/90	160φx550H	1.8	Zinc coated inner tube
FJW-3B	400	5	140/90	160φx500H	1.6	Stainless steel inner tube

Portable Welding Rod Dryer For 10Kg Rod

FJW-10 Series: heating by arc welder with secondary side power of both DC and AC. Drying speed will be slowed down when welder is working. Can be 45° Slope placed, easy for geeing rod.

Model No.	Work Voltage (V)	Rod Length (mm)	Capability (Kg)	Power (W/V)	LxWxH (mm)	Weight (Kg)	Remarks
FJW-10	60-90	450	10	280	235φx560H	4.4	Zinc coated inner tube
FJW-10A	60-90	450	10	280	235φx560H	4.4	Zinc coated inner tube
FJW-10B	60-90	450	10	280	235φx560H	4.4	Stainless steel inner tube

ELECTRODE DRYER & OVEN

Portable Electrode Dryer



Portable Welding Rod Dryer For 5Kg Rod

F Type

Welder secondary side Both for AC and DC

Model No.	Rod Length (mm)	Capability (Kg)	Power (W/V)	LxWxH (mm)	Weight (Kg)
FJW-F5	450	5	500/80	190φx660H	3.50
FJW-F5	450	5	600/80	190φx760H	4.50



Portable Welding Rod Dryer For 10Kg Rod

F Type

Welder secondary side Both for AC and DC

Model No.	Rod Length (mm)	Capability (Kg)	Power (W/V)	LxWxH (mm)	Weight (Kg)
FJW-F10	450	10	700/80	235φx635H	6
FJW-F10	550	10	700/80	230φx735H	7
FJW-F10	750	10 (20)	800/80	230φx835H	11



Portable Welding Rod Dryer For 10Kg Rod

KT Type

Welder secondary side Both for AC and DC

Model No.	Rod Length (mm)	Capability (Kg)	Power (W/V)	LxWxH (mm)	Weight (Kg)
FJW-K5	450	5	750/220 180/110	180φx600H	4
FJW-K5	550	5	750/220 180/110	180φx700H	5
FJW-K5A	450	5	750/220 180/110	180φx600H	4
FJW-K5A	550	5	750/220 180/110	180φx700H	5



Portable Welding Rod Dryer For 10Kg Rod

KT Type

Welder secondary side Both for AC and DC

Model No.	Rod Length (mm)	Capability (Kg)	Power (W/V)	LxWxH (mm)	Weight (Kg)
FJW-K10	450	10	1500/220 200/80	235φx675H	5
FJW-K10	550	10	1500/220 200/80	230φx775H	5

ELECTRODE DRYER & OVEN

Portable Electrode Dryer



Portable Welding Rod Dryer For 5Kg Rod

D Tpye
 Welder secondary side (AC/DC 120V)
 MAX Temperature 150°

Model No.	Rod Length (mm)	Capability (Kg)	Power (W/V)	LxWxH (mm)	Weight (Kg)
FJW-D5V	500	5	75/120	180x575	3.8



Portable Heat Retainable Dryer For 10Kg Rod

D Tpye (AC/DC 120V 230V)
 Welder secondary side Single phase
 (Temp.reguraton: 50°C to 150°C Steplessly)

Model No.	Rod Length (mm)	Capability (Kg)	Power (W/V)	LxWxH (mm)	Weight (Kg)
FJW-D10V	500	100	150	235x575	5.5



Portable Welding Rod Dryer For 10Kg Rod

D Tpye D Tpye (110V) D Tpye (220V)
 Welder secondary side AC/DC 100V/110V Single phase 200V/220V
 for AC only

Model No.	Rod Length (mm)	Capability (Kg)	Power (W/V)	LxWxH (mm)	Weight (Kg)
FJW-DSE	450	5	300	210x505	2.8



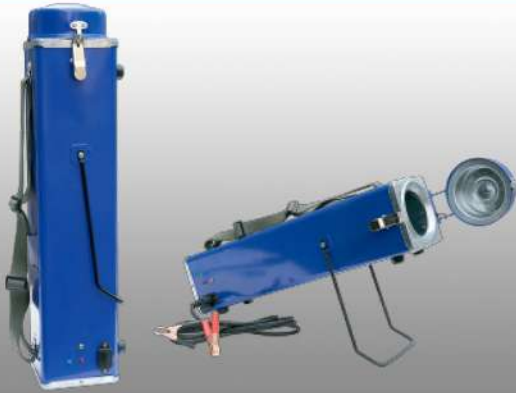
Portable Heat Retainable Dryer For 10Kg Rod

D Tpye D Tpye (110V) D Tpye (220V)
 Welder secondary side AC/DC 100V/110V Single phase 200V/220V
 for AC only
 (Temp.reguraton: 100°C to 300°C Steplessly)

Model No.	Rod Length (mm)	Capability (Kg)	Power (W/V)	LxWxH (mm)	Weight (Kg)
FJW-D10	450	10	600/110.200	280x180x610H	9.5
FJW-D10	550	10	600/110.200	280x180x710H	10
FJW-D10	750	10 (15)	600/110.200	280x180x910H	13

ELECTRODE DRYER & OVEN

Portable Electrode Dryer



Portable Welding Rod Dryer For 5Kg Rod

D Tpye D Tpye(110V) DTpye (220V)
Welder secondary side 90/110V Single phase 200/220V
Both for AC and DC

Model No.	Rod Length (mm)	Capability (Kg)	Power (W/V)	LxWxH (mm)	Weight (Kg)
FJW-D5	450	5	500x380w-180w	170φx615H	3
FJW-D5	550	5	500x380w-180w	170φx715H	4



Portable Welding Rod Dryer For 5Kg Rod

D Tpye
Welder secondary side for AC and DC (Temp.reguration: 50°C to 200°C Steplessly)

Model No.	Rod Length (mm)	Capability (Kg)	Power (W/V)	LxWxH (mm)	Weight (Kg)
FJW-D5B	450	5	70-180	270φx580H	3.4
FJW-D10B	450	10	150-380	310φx600H	6



Portable Heat Retainable Dryer For 10Kg Rod

D Tpye
Single phase 200/220V
(Temp.reguration: 50°C to 200°C Steplessly)

Model No.	Rod Length (mm)	Capability (Kg)	Power (W/V)	LxWxH (mm)	Weight (Kg)
FJW-D5H	450	5	500	270φx580H	3.5
FJW-D10H	450	10	500	310φx600H	6



FJW-10 Flex Rod Dryer

Model No.	Capability (Kg)	φ x Over All Height (mm)	Weight (Kg)
FJW-ZRB10	10	225x230x530H	5.2
FJW-20	20	285x300x560H	8.6

ELECTRODE DRYER & OVEN

Automatic Control Far-Infrared Electrode Oven



FJW-10W



FJW-10K



FJW-10



FJW-20



FJW-C20



FJW-30



FJW-C30

Automatic Control Far-infrared Electrode Oven

- Inner housing, stainless steel good for erosion resistance.
- Heating by radiant heater of far-infrared
- Heating evenly with high efficiency and less heat consumption.
- Temperature by automatic accurate control and timing alarming.
- This oven is mainly for rod's dehydrating and drying to extreme extent.
- Widely used in electricity power, mechanism, metallurgy, chemical, boiler and other construction projects.

Model No.	Supply Voltage (V/Hz)	Power (Kva)	Max. Temperature °C	Capability (Kg)	Temperature Homogeneous	Electrode Length (mm)	LxWxH (cm)	Weight (Kg)	Remark
FJW-50	AC220/50	2.6	500	50	±15°C	450	59x76x104	102	
FJW-C50	AC220/50	3.1	500	50	±15°C	450	59x76x135	132	With storage box
FJW-60	AC220/50	4.6	500	60	±15°C	450	64x76x104	122	
FJW-C60	AC220/50	5.1	500	60	±15°C	450	64x76x135	160	With storage box
FJW-100	AC220/50	5.2	500	100	±15°C	450	64x76x120	145	
FJW-C100	Three-phase AC380/50	7.3	500	100	±15°C	450	105x78x132	260	With storage box
FJW-C100	Three-phase AC380/50	8.6	500	150	±15°C	450	117x78x132	280	With storage box
FJW-C200	Three-phase AC380/50	11.9	500	20	±15°C	450	132x78x143	330	With storage box

ELECTRODE DRYER & OVEN

Automatic Control Far-Infrared Electrode Oven



FJW-60



FJW-C60



FJW-100



FJW-C100



FJW-150



FJW-200W

Automatic Control Far-infrared Electrode Oven

- Inner housing, stainless steel good for erosion resistance.
- Heating by radiant heater of far-infrared
- Heating evenly with high efficiency and less heat consumption.
- Temperature by automatic accurate control and timing alarming.
- This oven is mainly for rod's dehydrating and drying to extreme extent.
- Widely used in electricity power, mechanism, metallurgy, chemical, boiler and other construction projects.

Model No.	Supply Voltage (V/Hz)	Power (Kva)	Max. Temperature °C	Capability (Kg)	Temperature Homogeneity	Electrode Length (mm)	LxWxH (cm)	Weight (Kg)	Remark
FJW-50	AC220/50	2.6	500	50	±15°C	450	59x76x104	102	
FJW-C50	AC220/50	3.1	500	50	±15°C	450	59x76x135	132	With storage box
FJW-60	AC220/50	4.6	500	60	±15°C	450	64x76x104	122	
FJW-C60	AC220/50	5.1	500	60	±15°C	450	64x76x135	160	With storage box
FJW-100	AC220/50	5.2	500	100	±15°C	450	64x76x120	145	
FJW-C100	Three-phase AC380/50	7.3	500	100	±15°C	450	105x78x132	260	With storage box
FJW-C100	Three-phase AC380/50	8.6	500	150	±15°C	450	117x78x132	280	With storage box
FJW-C200	Three-phase AC380/50	11.9	500	200	±15°C	450	132x78x143	330	With storage box

ELECTRODE DRYER & OVEN

Self Controlled Flux Drying Machine



FJW-A-100



FJW-A-200

FJW Suction Self Controlled Flux Drying Machine

Its features including automatic material feeding and dust eliminating. the inner housing adopts stainless steel plate, the heating unit is composed of stainless steel electric heating components in tube state, which can let the flux to be heated evenly to most ideal drying extent.

Model No.	LxWxH (cm)	Available Flux Capacity (Kg)	Power (Kva)	Supply Voltage (V/Hz)	Maximum Working Temperature °C	Heating Speed °C/H	Insulation Time (H)	Suction Speed Kg/H	After Drying The Water Content%
FJW-A-100	1370x585x1620	100	6	Three-phase AC380/50	450	200	0-10	180	0.06
FJW-A-200	1470x670x1720	200	7.5						
FJW-A-300	1470x670x1920	300	11.1						
FJW-A-500	1570x670x2120	500	19.5						



FJW-A-300



FJW-A-400

FJW Suction Self Controlled Flux Drying Machine

Drying by radiant heater of far-infrared; Temperature control alarming automatically; By circumrotating, flux can be heated evenly to an ideal doing efficiency.

Model No.	LxWxH (cm)	Flux Can Be Installed Capacity (Kg)	Power (Kva)	Rotating Speed Of Drum (Round/Min)	Supply Voltage (V/Hz)	Maximum Working Temperature °C	Holding Time Adjustment Range (H)
FJW-60	1450x510x1250	60	5.6	6	Three-phase AC380/50	400	0-100
FJW-100	1520x610x1320	100	7.2	6			
FJW-200	1860x650x1600	200	11.1	2.7			
FJW-300	2000x860x1620	300	13.5	2.7			

ELECTRODE DRYER & OVEN



100L/200L Automatic Far Infrared Flux Dryer

This machine uses the far-infrared to ensure heating with high efficiency and less heat consumption. Additionally, the temperature can be control by an automatic controller and timing alarm.

Model No.	Voltage	Dimensions (mm)	Flux can be installed capacity (Kg)	Power (mm)	Heating Temperature (C°)	Holding Time (min)
100L	220V/50Hz	630x530x1155	100Kg	3Kw	400	0~10
200L	220V/50Hz	730x600x1200	200Kg	3Kw	400	0~10



FJW-50 Flux recovery machine

This machine can automatically reclaim flux after submerged arc welding, and also can reclaim the flux by hang. or fix the absorbing hose to the submerged arc welding machine to reclaim the flux while the machine is working.

Model No.	Supply Voltage (V/Hz)	Power (mm)	Recycling Capacity (Kg)	Recycling Tube Length (m)	Dimensions (mm)	weight (Kg)
FJW-50	Three-phase AC380/50	1.5	50	3.5	900x500x1250	110

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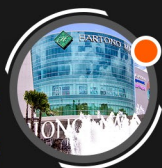
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