EASY OPERATION, PERFECT WELDING.

FY-TECH can provide not only various sheet metal welding equipment, but also technical training for various applications. We have professional theory and practical classrooms as follows:

FY-TECH HEORY CLASSROOM

Equipped with a professional high-definition projector for regular training with our clients.







FY-TECH PRACTICAL CLASSROOM

Equipped with an automobile model, an imported straightening bench and inverter welding machines to teach trainees car body repair and welding techniques.







ENERGY EFFICIENT

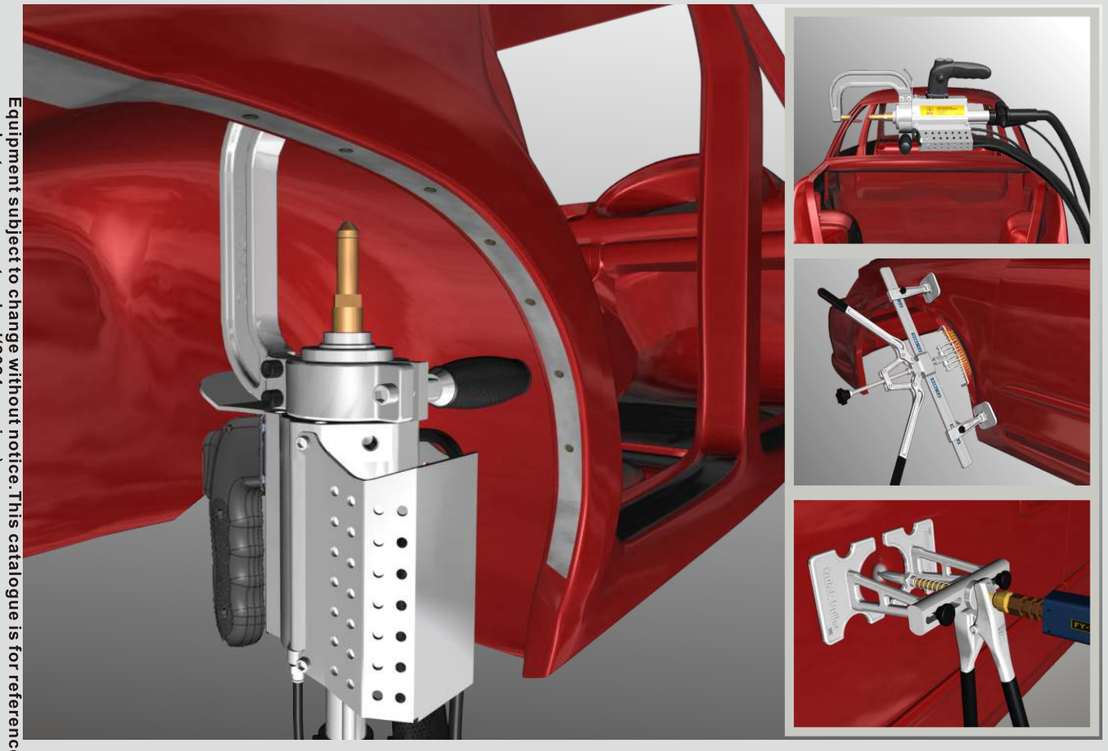
MODERN CAR BODY REPAIR EQUIPMENT

ZHUHAI FLY-EAGLE ELECTRICAL APPLIANCE CO.,LTD. Http://www.zhfeiying.com Email: zhfy-001@vip.163.com

30 years

experience in the manufacture of welding equipment

Professional manufacturer of car body repair systems, dent pullers, spotter welders, MIG/MAG welders, plasma cutters, battery chargers, infrared paint curing systems and tool cabinets.



Equipment subject to change without notice. This catalogue is for reference only the actual products serve as standard(2024 version)

ZHUHAI FLY-EAGLE ELECTRICAL APPLIANCE CO.,LTD.
Http://www.zhfeiying.com
Email: zhfy-001@vip.163.com

ISO 9001:2015



企业简介 COMPANY PROFILE

Zhuhai Fly–Eagle Electrical Appliance Co Ltd has been awarded the "Zhuhai Science and Technology Enterprise" and "Zhuhai Credible Enterprise" awards as well as being a trustee of the "China Automobile Maintenance Equipment Association". We have our own factory with building area 65,000 square meters and eight branches all over China.

With abundant technology capabilities, advanced production and testing equipment, we have obtained the Quality Management and Quality Assurance ISO9001:2015, the China Compulsory Certification CCC, and the European Union CE Certification and Exterior Design Patent. Our products are strictly designed in accordance with international IEC and National GB Standards. Our products are also used and recommended by the 4S Service Shops of 35 well known automobile manufacturers.

We rely on outstanding product quality, advanced technology, excellent after sales service and professional management. Zhuhai Fly–Eagle Electrical Appliance Co. Ltd has therefore gained a reputation for high quality products. We also maintain a long lasting OEM business relationship with many overseas customers to create international quality.

Based on a development policy of innovation, progressiveness and professionalism, Zhuhai Fly–Eagle Electrical Appliance is fully devoted to the automobile maintenance equipment industry. The "FY–TECH" international brand is synonymous with our principle of a lifetime of use.

MISSION SPIRIT STRATEGY

ENTERPRISE MISSION: Representing the development trend of China's auto repair industry to make our mark on the world.
ENTERPRISE SPIRIT: Innovative, surmounting and outstanding
MANAGEMENT IDEA: Quality,service and customer
MARKET STRATEGY : Dominated market by accurate marketing with market niche strategy
VISION: Create a world renowned brand with a reputation for excellent quality

ABOUT US









OUR PRODUCTS ARE PREFERED BY THE FOLLOWING CAR MANUFACTURERS' SERVICE WORKSHOPS IN CHINA



GUARANTEEING PRODUCTS QUALITY, BASED ON CREDIBILITY OF ENTERPRISES TO PERFECT QUALITY ASSURANCE SYSTEM

CE marking is the mandatory conformity mark for products placed on the market in the European Economic Area (EEA) and confirms that the product complies with all the legal requirements and ensures validity so the product can be sold. This includes four basic requirements for mechanical and electrical products which are safety, health, environmental protection and customer protection. In conforming to the requirements, a level of safety is ensured for the products that enter into the European market.









ISO 9001:2015





A quality management system (QMS) is a collection of business processes focused on achieving quality policy and quality objectives to meet customer requirements. The Process Based QMS enables the organizations to identify, measure, control and improve the various core business processes that will ultimately lead to improved business performance.

PROVIDE SUPERIOR QUALITY PRODUCTS TO WIN MARKET SHARE

35CAR MANUFACTURERS DESIGNATED EQUIPMENT EXPORTS MORE THAN50 COUNTRIES AND REGIONS

GLOBAL QUALITY TRUST



BRAND GUARANTEE FY-TECH

QUALITY MANAGEMENT SYSTEM(QMS)

A quality management system (QMS) is a collection of business processes focused on achieving quality policy and quality objectives to meet customer requirements. The Process Based QMS enables the organizations to identify, measure, control and improve the various core business processes that will ultimately lead to improved business performance.

INVERT TECHNOLOGY
ENERGY-EFFICIENT

90% products comply with the requirement of high efficiency and energy saving Adopt inverter technology, save electricity saving energy more than 50%

Going above and beyond with innovation to pursuit of excellence

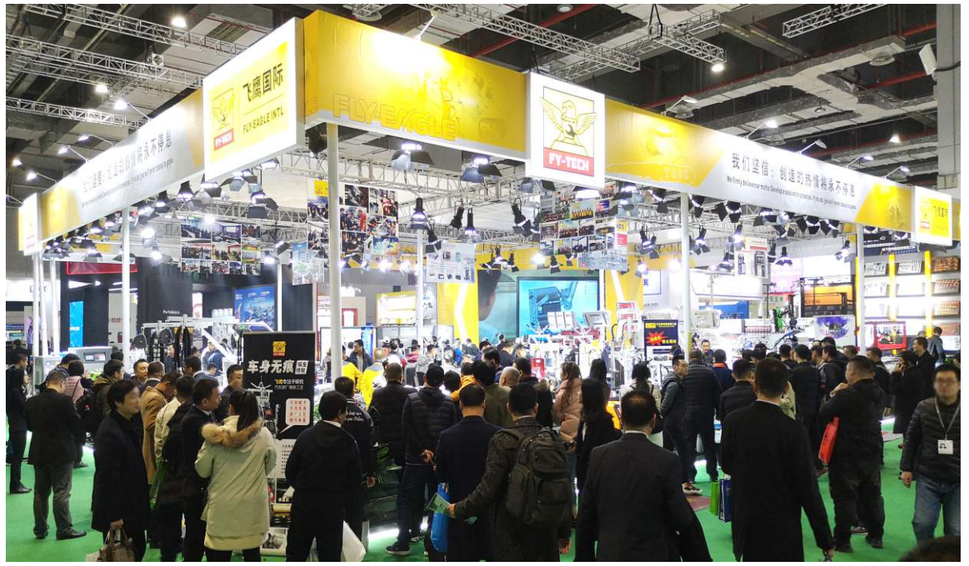
To build international quality to glorify the national brand

TECHNICAL TRAINING SYSTEM FOR CUSTOMERS

To gain the trust of our customers with high quality products and excellent service.

TECHNOLOGY TRAINING BASE
CHINA'S PREMIER SHEET METAL WELDING







Technical expert training team



No matter when and where. we will always be at your side

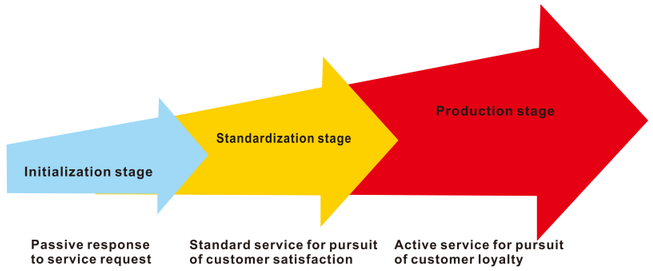
Offering the solution to all your needs

CUSTOMER FIRST

Service creates value
Service wins respect
Service builds reputation

AFTER-SALES SERVICE GUARANTEE SYSTEM







Professional customer service center



Quick response service

4 hours same city
48 hours outside city



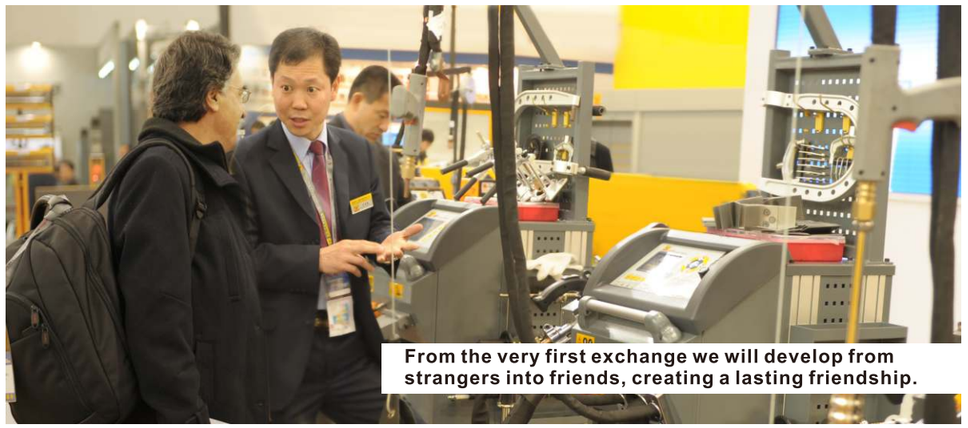
PRODUCT SUMMARY

FY-TECH

2024

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MIG welder accessories 113-114



From the very first exchange we will develop from strangers into friends, creating a lasting friendship.

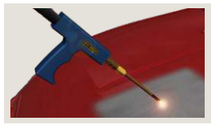
RESISTANCE SPOT WELDING SERIES





COLLISION REPAIR IN A VARIETY OF WAYS

A VARIETY OF WAYS
HIGH QUALITY AND EFFICIENCY
PERFECT AND QUICK COLLISION REPAIR

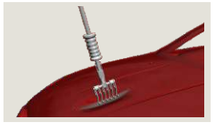

Carbon rod heating & shrinking


Washer welding


Single-sided spot welding

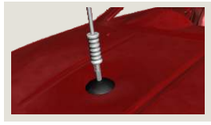

OT washer welding

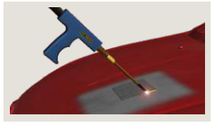

Sheet metal flattening


Claw puller dent pulling

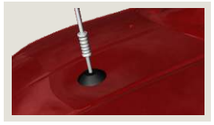

Triangle washer spot hammer dent pulling

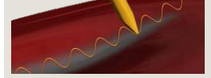

Stud welding


Pneumatic vacuum cupule dent pulling


Carbon rod stitch welding


Hook puller dent pulling


Manual cupule dent pulling


Wavy wire welding


Double-sided welding with X-type gun


Double-sided welding with C-type gun


Before After


Before After

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

MULTIFUNCTIONAL ALUMINIUM CAR BODY REPAIR STATION

FY-9080



Special trolley for repair station
Multifunctional inverter almuminium dent puller
IGBT inverter almuminium MIG welder
Explosion-proof vacuum cleaning system

AIR TOOLS

Pneumatic Sanding Tool Kit
Multi-function Pneumatic Saw
Sander with black diamond
Pneumatic Shovel
Pneumatic Scissors
Professional Auto Meat Sheet Spot Welding Drill
German Pneumatic Rivet Gun for Repairing Aluminum Car Body
German Blind Rivet Gun with Rivet Collector
Guide Nozzles with sizes 4.8-6.4mm for Blind Rivet Gun
Pneumatic Hydraulic Rivet Nut Gun

TOOL SETS

Plastic repair kit
Paintless dent repair kit
Tin filling tool set
Flame spraying
Aluminium glue pulling kit
Aluminium car body repair kit
Aluminum alloy hammer set

MEASURING TOOLS

Sheet Steel Detector, Shape Gauge,
Gap Gauge,
Temperature Measuring Pen,
Infrared Thermometer,
Temperature Indication strip

PULLERS

Aluminium two/four-kickstand crossbar lifter, spiral crossbar lifter
Quick puller, portable multi-hook puller
Pulling hammer with hook, claw for pullers

PLIERS

Aluminium alloy cutting plier
Locking plier for sheet metal repair
Mini locking plier
Welding plier (18pcs)
Vice-grip, clamp, steel cutting scissors
Wedge (large, small), crowbar

PROTECTIVEARTICLES

Welding Apron, Goggles, Welding Mask, Sleeve, Mask, Gloves, Fire Blanket, Fire Blanket Holder,
Anti-Static Soft Curtain, Sheet Metal Polishing Protective Mask, Protective Cloth

CONSUMABLES

Aluminium stud, drilling positioning pin
Welding wire 0.5kg/7kg
Black diamond (without harming work piece material)
Aluminum Powder Filler,
Aluminum Powder Scraper
Crac tester, cleaner and developer
4-6.35mm screw
1.0-10mm drill
Round/flat brush
Countersink, countersink replacement blades
Stretchable supporting bar
Stretchable dust collector hose

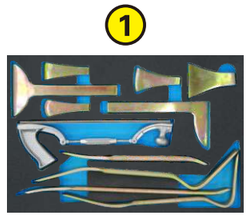
RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

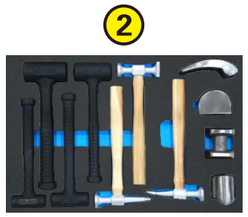
MULTIFUNCTIONAL ALUMINIUM CAR BODY QUICK REPAIR STATION

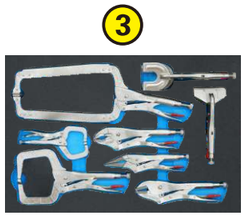
FY-9060

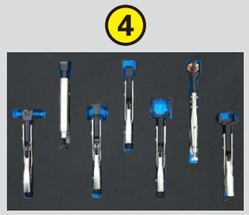


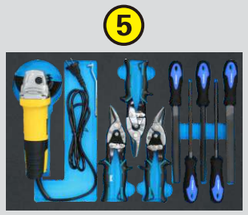
Tools for Collision Repair(optional)





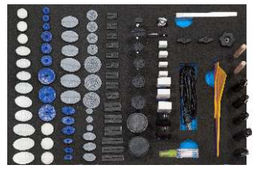














Tools for Riveting (optional)









Dent repair glue pulling kit



Quick repair method that won't damage paint surface

This method can quickly repair minor collisions to the car body. After confirming the elastic deformation of the car body, safely and quickly repair it without damaging the paint surface or disassembling any components.









RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

MULTIFUNCTIONAL ALUMINIUM CAR BODY REPAIR STATION

INVERT TECHNOLOGY
ENERGY-EFFICIENT

FY-9038





FOR ALUMINUM
ALUMINUM

Dent repair glue pulling kit



Quick repair method that won't damage paint surface
This method can quickly repair minor collisions to the car body. After confirming the elastic deformation of the car body, safely and quickly repair it without damaging the paint surface or disassembling any components.

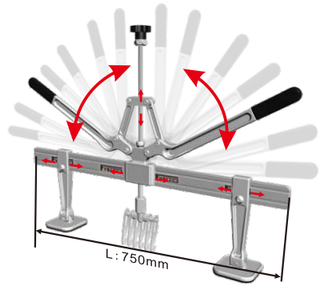
Aluminum Body Dent Pulling Machine

※Controlled by microprocessor.Thanks to the advanced digital control technology and user-friendly control design, the best welding results can be achieved by simply selecting the current that corresponds to the welding workpiece during operation.
※High precision power control system.
※Suitable for dent pulling and different kinds of car steels.
※High welding strength without damage to the metallic coatings and paint surfaces on the back.
※Digital display, simple to operate and easy to use.
※Weldable aluminum stud bolts 3-6mm



Crossbar lifter with 2 or 4 kickstands









NO.F6004
Rubber hammer kit for car body repair(optional)

NO.9005M
Quick puller (optional)



Spot welding quick puller A



NO.F9208L
Quick puller for collision repair(optional)



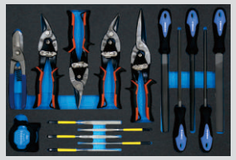
Tools for Collision Repair (optional)

1


2


3


4


5


RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

PROFESSIONAL CAR BODY REPAIR SYSTEM FOR ALUMINIUM

INVERT TECHNOLOGY
ENERGY-EFFICIENT

FY-5015L



Manufactured with advanced technology and combined with a user-friendly design to meet the requirements of modern collision repair use.

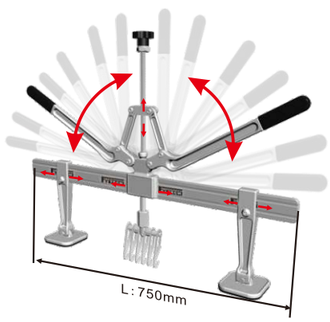


Various tools can be hung on the hammer holder easily



Crossbar lifter with 2 or 4 kickstands







Crossbar lifter can quickly repair dents on various medium or small cars and improve the efficiency and standard of sheet metal maintenance technicians.



The crossbar lifter with 4 kickstands can save up to 70% working time and repair special parts of the car body all in one step andwith standard processing technology.



Using the crossbar lifter with 2 or 4 kickstands for challenging dent repairs ensure a 100% success rate.



Dent Pulling Machine

※ Microprocessor control system optimizes the welding parameters.Due to the adoption of advanced digital control technology and humanization design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality
※ Welding gun testing function to evaluate the using status of welder more completely.
※ Overheat protection
※ Suitable for dent pulling of different kinds of car steels such as conventional steel,stainless steel,etc.
※ Various of welding procedures are available such as shrinking,washer,direct-pulling, spot welding, flatten-ing, waveform wire,stud welding, OT washer, triangle washer, etc .
※ Digital control system with steady power output

Aluminum Body Dent Pulling Machine

※ Controlled by microprocessor.Thanks to the advanced digital control technology and user-friendly control design, the best welding results can be achieved by simply selecting the current that corresponds to the welding workpiece during operation.
※ High precision power control system.
※ Suitable for dent pulling and different kinds of car steels.
※ High welding strength without damage to the metallic coatings and paint surfaces on the back.
※ Digital display, simple to operate and easy to use.
※ Weldable aluminum stud bolts 3-6mm



Dent repair glue pulling kit



Quick repair method that won't damage paint surface

This method can quickly repair minor collisions to the car body. After confirming the elastic deformation of the car body, safely and quickly repair it without damaging the paint surface or disassembling any components.





Spot welding quick puller



NO.F9208L
Quick puller for collision repair (optional)



Spot welding quick puller can quickly repair inner and outer panels of various cars and improve the efficiency and standard of sheet metal maintenance technicians.



Spot welding quick puller can spot weld and dent pull car bodies and improve the working efficiency by up to 70%.





NO.F6004
Rubber hammer kit for car body repair(optional)



NO.9005M
Quick puller (optional)

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

CAR BODY REPAIR SYSTEM

INVERT TECHNOLOGY
ENERGY-EFFICIENT

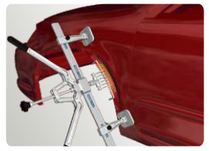
Dent Pulling Machine

※Microprocessor control system optimizes the welding parameters.Due to the adoption of advanced digital control technology and humanization design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality
※Welding gun testing function to evaluate the using status of welder more completely.
※Overheat protection
※Suitable for dent pulling of different kinds of car steels such as conventional steel,stainless steel,etc.
※Various of welding procedures are available such as shrinking,washer,direct-pulling, spot welding, flatten-ing, waveform wire,stud welding, OT washer, triangle washer, etc .
※Digital control system with steady power output





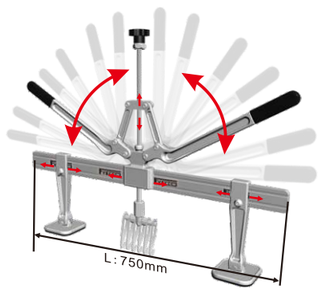






Crossbar lifter with 2 or 4 kickstands







NO.F6004
Rubber hammer kit for car body repair(optional)



NO.9005M
Quick puller (optional)



Crossbar lifter can quickly repair dents on various medium or small cars and improve the efficiency and standard of sheet metal maintenance technicians.



The crossbar lifter with 4 kickstands can save up to 70% working time and repair special parts of the car body all in one step and with standard processing technology.



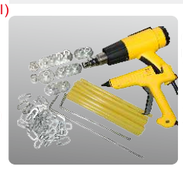
Using the crossbar lifter with 2 or 4 kickstands for challenging dent repairs ensure a 100% success rate.



Spot welding quick puller can spot weld and dent pull car bodies and improve the working efficiency by up to 70%.



Dent repair glue pulling kit



Quick repair method that won't damage paint surface
This method can quickly repair minor collisions to the car body. After confirming the elastic deformation of the car body, safely and quickly repair it without damaging the paint surface or disassembling any components.






Spot welding quick puller A



NO.F9208L
Quick puller for collision repair(optional)





Professional spot welding quick puller with various car body repair modes and is approved by many workshops.



Dent repair glue pulling kit of FY-TECH allows paintless dent repair of car body without welding.



Manufactured with advanced technology and combined with a user-friendly design to meet the requirements of modern collision repair use.

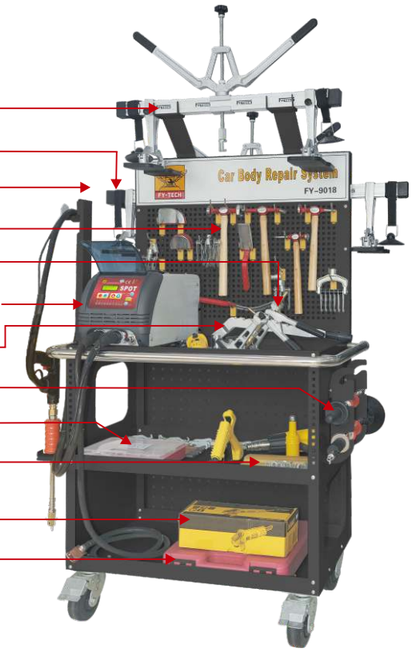


Complete set of car body repair tools that meet international standards including various high quality quick repair pullers which can achieve excellent results on steel or iron panels.

FY-9028



FY-9018



A001 Crossbar lifter with 4 kickstands
A001 Lengthening crossbar lifter
A001 A002 2 or 4 kickstands optional
A012 Various car body repair tools
A006 Quick puller
A004 Professional IGBT inverter dent puller
A005 Portable multi-hook puller
A009 A010 A011 Various pullers
A003 Welding kit
A014 Dent repair glue pulling kit
A007 Polishing machine
A012 Car body repair kit

Various repair tools can be hung on the pegboard.



RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

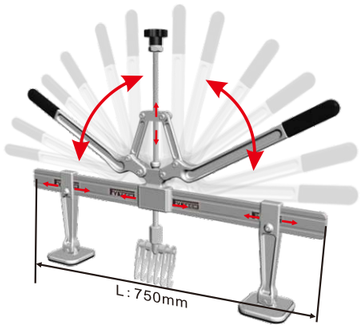
CAR BODY REPAIR SYSTEM

INVERT TECHNOLOGY
ENERGY-EFFICIENT

FY-6016



Crossbar lifter with 2 or 4 kickstands







NO.9005
Quick puller(optional)

Dent repair glue pulling kit



Quick repair method that won't damage paint surface

This method can quickly repair minor collisions to the car body. After confirming the elastic deformation of the car body, safely and quickly repair it without damaging the paint surface or disassembling any components.



Crossbar lifter can quickly repair dents on various medium or small cars and improve the efficiency and standard of sheet metal maintenance technicians.



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Using the crossbar lifter with 2 or 4 kickstands for challenging dent repairs ensure a 100% success rate.





Dent Pulling Machine

※Microprocessor control system optimizes the welding parameters.Due to the adoption of advanced digital control technology and humanization design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality
※Welding gun testing function to evaluate the using status of welder more completely.
※Overheat protection
※Suitable for dent pulling of different kinds of car steels such as conventional steel,stainless steel,etc.
※Various of welding procedures are available such as shrinking,washer,direct-pulling, spot welding, flatten-ing, waveform wire,stud welding, OT washer, triangle washer, etc .
※Digital control system with steady power output

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

QUICK PAINTLESS DENT REPAIR SYSTEM

FY-9008





Professional PDR light with great features :

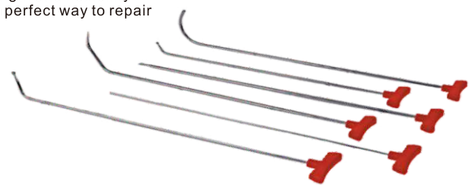
STABLE	Base frame with 135° degree arched and extended legs. Rigid all-metal frame structure.
DURABLE	Support pillar with a diameter of 2.5cm for long lift adjustment.
HIGHER	Height adjustment between 1m-1.7m, maximum lifting 1.95m
QUICKER	Designed with new clamping head for quick and easy lift adjustment.
FLEXIBLE	Fixture rotates a full 360 degrees.



PDR single layer brace long rods



High strength and flexibility
provide a perfect way to repair



Tools with various sizes and shapes
Suitable for removing most minor, and even some major dents on bonnets, doors, fenders, trunk lids…etc.

PDR double layer brace short rods



Dent repair glue pulling kit



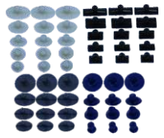
Quick repair method that won't damage paint surface

This method can quickly repair minor collisions to the car body. After confirming the elastic deformation of the car body, safely and quickly repair it without damaging the paint surface or disassembling any components.

T-hammer	Rubber hammer	Dent lifter	Tap down tools	Glue puller tabs







RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

MULTIFUNCTIONAL WATER-COOLED IGBT INVERTER RESISTANCE SPOT WELDER

INVERT TECHNOLOGY
ENERGY-EFFICIENT



Spot welding quick puller C



Multifunctional water-cooled C-type resistance spot welding gun
Automatic identifies and protects against welding pressure, no-sparkle welding



INVERTER TECH | HSS READY | PULSE | GALVANISED

Technical data	±15%	Input power	Rated input current	I MAX	mm		V	Φmm	Inverter frequency	Protection grade	Air supply pressure	Welding time	Cable length		cm	kg
FY–10DC	3-380V 50/60Hz	13KVA	16A	10000A		3.0+3.0+3.0 mm	1-8 V	4-9 mm	12KHz	IP21	2-10kg	0–2000ms 脉冲 Pulsed		4m	80x68x203 cm	12kg
						1.5+3.0 mm								3m		
														8m		

Description

FY-10DC water-cooled spot welder adopts the most advanced Hybrid Technology IGBT inverter with dual full bridge soft switching circuit technology providing quality spot welds with all new high-strength steels. The spotter features an original ABB rectifier, American original FLOJET water-cooling system, colorful LCD display and touchscreen system that is capable of displaying welding material, time, power and thickness of various welding modes. Easy to learn how to use. Sophisticated circuitry ensures the highest accuracy in reading data. The core components are imported from European premium brands to enhance overall performance and for quality assurance. FY-10DC inverter spot welder with double-sided C-type gun keeps you in pace with the world.





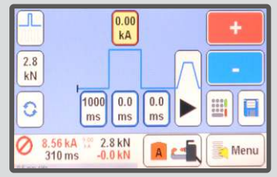
Touchscreen control system
Computer system calculating welding parameters, with multi-point monitoring function, multiple operating languages

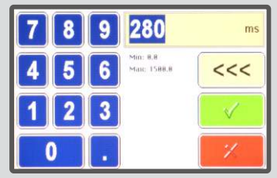
Features

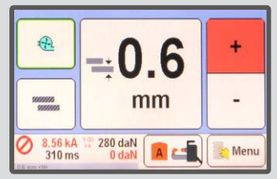
※Designed to spot weld different types of steel such as double-layer and multi-layer high-strength steel.
※Double-sided C-type gun with double-piston design allows 360° rotation in stable pressure.
※Automatic mains voltage monitoring, open-phase protection for input voltage.
※Precise overheating protection.
※Automatic current testing system with precision to ensure the stability of related parameters.
※Precision overcurrenting protection to ensure safety in usage.
※Single-sided and double-sided spot welding.
※Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※Complete with air filter and pressure regulator.
※Uniquely designed gun cable support arm allows flexible movement with 360° rotation.
※Branded original IGBT inverter imported from Europe.
※Branded amorphous high frequency relay.
※Fully automatic water cooling system.
※Welding parameters calculating function.
※Automatically identify and protect against welding pressure.
※Multiple system languages.

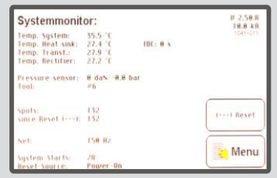
Touchscreen system and computer system







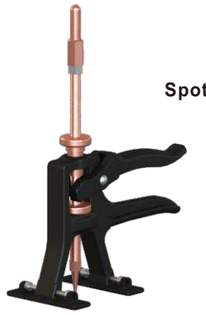




RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

Multifunctional water-cooled IGBT inverter resistance spot welder

INVERT TECHNOLOGY
ENERGY-EFFICIENT



Spot welding quick puller C





水冷C型电阻点焊枪

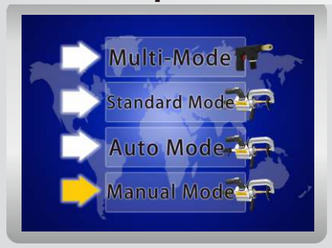
INVERTER TECH | HSS READY | PULSE | GALVANISED

Technical data	±15%	Input power	Rated input current	I MAX	mm		V	Φmm	Inverter frequency	Protection grade	Air supply pressure	Welding time	Cable length		cm	kg
FY-28DC	3-380V 50/60Hz	28KVA	32A	15000A	C	3.0+3.0+3.0 mm	1-21 V	4-9 mm	2000Hz	IP21	2-10kg	0~900ms 脉冲 Pulsed	C	2.7+2.4 m	80x68x203 cm	130kg
						1.5+3.0 mm								3m		
														8m		

Description

FY-28DC water-cooled spot welder adopts the most advanced SEMIKRON IGBT inverter with dual full bridge soft switching circuit technology providing quality spot welds with all new high-strength steels. The spotter features a large 5" LCD monitor and PET hot press formed control panel that is capable of displaying welding material, time, power and thickness of various welding modes. Easy to learn how to use. Sophisticated circuitry ensures the highest accuracy in reading data. The core components are imported from European premium brands to enhance overall performance and for quality assurance. With Automatic Mode and Expert Mode, the welding data will be set automatically according to the workpiece thickness. Single pulse, multi pulse and hundred welding data offer a high quality welding for different new types High strength steel.FY-28DC inverter spot welder with double-sided C-type gun keeps you in pace with the world.

Control panel

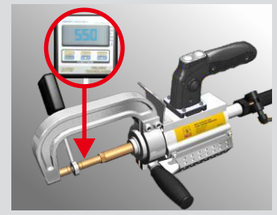


Features

※Welding parameters can be set automatically according to plate thickness,under automatic mode and expert mode
※Designed to spot weld different types of steel such as double-layer and multi-layer high-strength steel.
※Double-sided C-type gun with double-piston design allows 360° rotation in stable pressure.
※Automatic mains voltage monitoring, open-phase protection for input voltage.
※Precise overheating protection.
※Automatic current testing system with precision to ensure the stability of related parameters.
※Precision overcurrenting protection to ensure safety in usage.
※Single-sided and double-sided spot welding.
※Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※Complete with air filter and pressure regulator.
※Uniquely designed gun cable support arm allows flexible movement with 360° rotation.
※Branded original IGBT inverter imported from Europe.
※Branded amorphous high frequency relay.
※Fully automatic water cooling system.
※Digital graphic LCD monitor.
※Large pulling hammer for dent pulling.
※Stepless current regulation.
※With single pulse and multi pulse modes applied to hundreds of welding processes.
※Electrodes of C-type gun can be step-by-step opened and quadratic rapid closed.



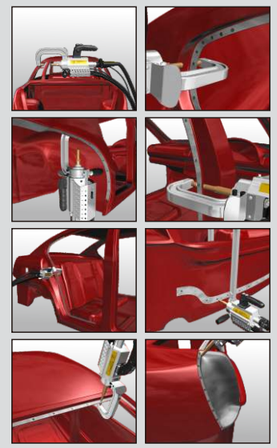
可选购的电极修复器
Electrode sharpener is available as an option.



可选购电极压力检测仪
Electrode pressure gauge is available as an option.



可选购电流检测仪
Welding current tester is available as an option.



RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

MULTIFUNCTIONAL WATER-COOLED IGBT INVERTER RESISTANCE SPOT WELDER

INVERT TECHNOLOGY
ENERGY-EFFICIENT



Spot welding quick puller C



Water-cooled C-type gun

NO.2011C-B Water-cooled C-type gun

14500A

550daN

选购 Optional

C5 520x180mm
C4 480x180mm
C3 400x180mm
C2 250x180mm
C1 80x160mm

Φ4~9mm | 6kg

Molded aluminium alloy C-type gun, light weight and durable



INVERTER TECH

HSS READY

PULSE

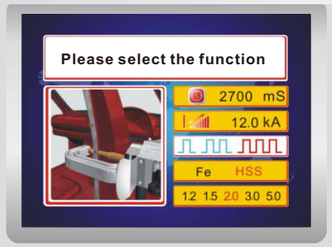
GALVANISED

Technical data	±15%	Input power	Rated input current	I_{MAX}	mm		V	Φmm	Inverter frequency	Protection grade	Air supply pressure	Welding time	Cable length		cm	kg
FY-18DC	3-380V 50/60Hz	28KVA	32A	14500A	C	3.0+3.0+3.0 mm	1-20 V	4-9 mm	2000Hz	IP21	2-10kg	0-900ms 脉冲 Pulsed	C	2.7+2.4 m	80x68x203 cm	128kg
						1.5+3.0 mm								3m		
														8m		

Description

FY-18DC water-cooled spot welder adopts the most advanced SEMIKRON IGBT inverter with dual full bridge soft switching circuit technology providing quality spot welds with all new high-strength steels. The spotter features a large 5" LCD monitor and PET hot press formed control panel that is capable of displaying welding material, time, power and thickness of various welding modes. Easy to learn how to use. Sophisticated circuitry ensures the highest accuracy in reading data. The core components are imported from European premium brands to enhance overall performance and for quality assurance. FY-18DC inverter spot welder with double-sided C-type gun keeps you in pace with the world.

Control panel



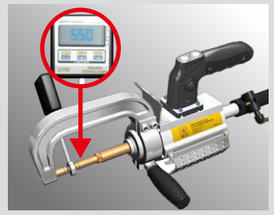


Features

※Designed to spot weld different types of steel such as double-layer and multi-layer high strength steel.
※Double-sided C-type gun with double-piston design allows 360° rotation in stable pressure.
※Automatic mains voltage monitoring, open-phase protection for input voltage.
※Precise overheating protection.
※Automatic current testing system with precision to ensure the stability of related parameters.
※Precision overcurrenting protection to ensure safety in usage.
※Single-sided and double-sided spot welding.
※Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※Complete with air filter and pressure regulator.
※Uniquely designed gun cable support arm allows flexible movement with 360° rotation.
※Branded original IGBT inverter imported from Europe.
※Branded amorphous high frequency relay.
※Fully automatic water cooling system.
※Digital graphic LCD monitor.
※Large pulling hammer for dent pulling.
※Stepless current regulation.
※With single pulse and multi pulse modes applied to hundreds of welding processes.
※Electrodes of C-type gun can be step-by-step opened and quadratic rapid closed.



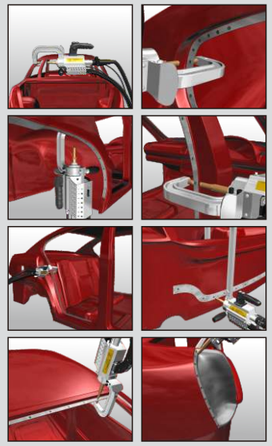
Electrode sharpener is available as an option.



Electrode pressure gauge is available as an option.



Welding current tester is available as an option.



RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

MULTIFUNCTIONAL IGBT INVERTER RESISTANCE SPOT WELDER



Spot welding quick puller C

INVERT TECHNOLOGY
ENERGY-EFFICIENT





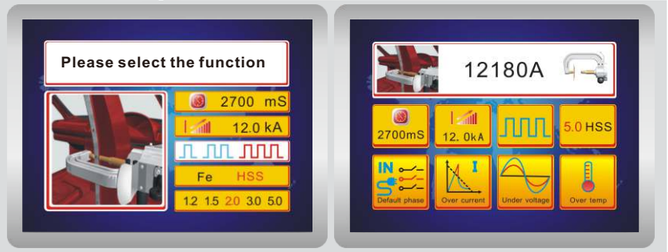
INVERTER TECH | HSS READY | PULSE | GALVANISED

Technical data	±15%	Input power	Rated input current	I MAX	mm		V	Φmm	Inverter frequency	Protection grade	Air supply pressure	Welding time	Cable length		cm	kg
FY-16DC	3-380V 50/60Hz	27KVA	32A	13500A	C	3.0+3.0+3.0 mm	1-19V	4-9 mm	2000Hz	IP21	2-10kg	0-900ms 脉冲 Pulsed	C	2.7+2.4 m	80x68x203 cm	118kg
						1.5+3.0 mm								3m		
														8m		

Description

FY-16DC air-cooled spot welder adopts the most advanced SEMIKRON IGBT inverter with dual full bridge soft switching circuit technology providing quality spot welds with all new high-strength steels. The spotter features a large 5" LCD monitor and PET hot press formed control panel that is capable of displaying welding material, time, power and thickness of various welding modes. Easy to learn how to use. Sophisticated circuitry ensures the highest accuracy in reading data. The core components are imported from European premium brands to enhance overall performance and for quality assurance. FY-16DC inverter spot welder with double-sided C-type gun keeps you in pace with the world.

Control panel

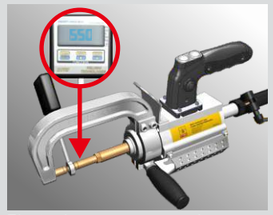


Features

※Designed to spot weld different types of steel such as double-layer and multi-layer high strength steel.
※Double-sided C-type gun with double-piston design allows rotation in stable pressure.
※Automatic mains voltage monitoring, open-phase protection for input voltage.
※Precise overheating protection.
※Automatic current testing system with precision to ensure the stability of related parameters.
※Precision overcurrenting protection to ensure safety in usage.
※Single-sided and double-sided spot welding.
※Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※Complete with air filter and pressure regulator.
※Uniquely designed gun cable support arm allows flexible movement with rotation.
※Branded original IGBT inverter imported from Europe.
※Branded amorphous high frequency relay.
※Digital graphic LCD monitor.
※Large pulling hammer for dent pulling.
※Stepless current regulation.
※With single pulse and multi pulse modes applied to hundreds of welding processes.
※Electrodes of C-type gun can be step-by-step opened and quadratic rapid closed.



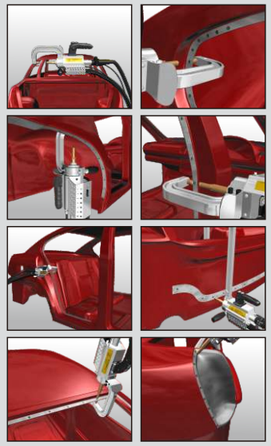
Electrode sharpener is available as an option.



Electrode pressure gauge is available as an option.



Welding current tester is available as an option.



RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

MULTIFUNCTIONAL RESISTANCE SPOT WELDER WITH C-TYPE GUN



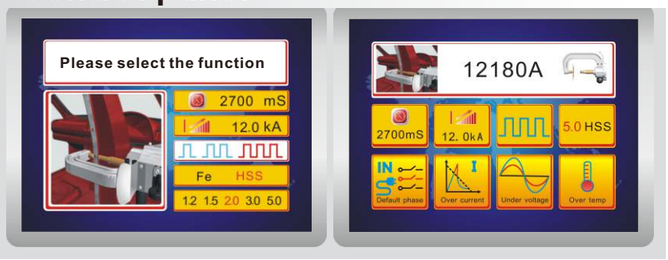
Spot welding quick puller C

Technical data	±15%	Input power	Rated input current	I MAX	mm		V	Φmm	Operation way	Protection grade	Air supply pressure	Welding timing range	Cable length		cm	kg
FY-15000	380V 50/60Hz	27KVA	80A	13000A		3.0+3.0+2.0 mm	1-13 V	4-9 mm	Electronic timer continuously	Ip21	4-8kg	0~900ms 脉冲 Pulsed		2.2+2 m	80x68x203 cm	195kg
						1.5+3.0 mm								3m		
														7m		

Description

FY-15000 technology is revolutionary compared with others in the industry. With advanced and innovative technology, the operating voltage is compensated automatically. When the welder is connected to an AC 380V power supply, the operating voltage compensation circuit in the system compensates for variations of the main supply voltage and ensures a constant current level to achieve a high quality performance. Large digital graphic color LCD monitor is easy to read. Uniquely designed gun cable support arm allows flexible movement with rotation. Stepless current control ensures the stability of current in different welding conditions. Equipped with integrated circuit for efficient and accurate readouts. A variety of extension arms are designed to accommodate any welding job situation. With 10 preset weld programs & 60 built-in memory functions. This unit is an excellent choice for body repair work and spot welding applications.

Control panel

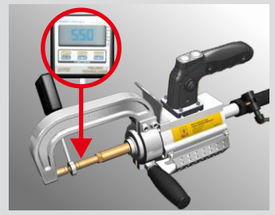


Features

※Automatic mains voltage monitoring.
※Overheat protection.
※Designed for dent pulling of different kinds of car steels such as conventional steel, stainless steel, etc.
※With HUA curved silicon steel sheet and energy efficient main transformer.
※With DELIXI, OMRON and PANASONIC high quality relay.
※High precision time adjustment system.
※Single-sided and double-sided welding.
※Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※Complete with air filter and pressure regulator.
※Uniquely designed gun cable support arm allows flexible movement with rotation.
※Equipped with switchable spot gun and multifunctional puller.
※Digital graphic LCD monitor.
※Stepless current regulation.
※10 preset weld programs.
※60 memory functions.
※Electrodes of C-type gun can be step-by-step opened and quadratic rapid closed.



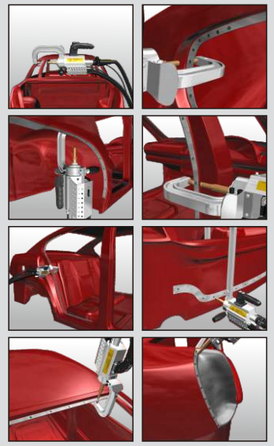
Electrode sharpener is available as an option.



Electrode pressure gauge is available as an option.



Welding current tester is available as an option.



RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

Multifunctional resistance spot welder with X-type gun



Spot welding quick puller C



NO.2011X-A Air-cooled X-type gun

Air-cooled X-type gun



选购 Optional

X1 L=270mm | X2 L=370mm | X3 L=460mm

13000A | 350daN | Φ4~9mm | 5kg

Technical data	±15%	Input power	Rated input current	I MAX	mm	V	Φmm	Operation way	Protection grade	Air supply pressure	Welding timing range	Cable length		cm	kg
FY-14ACX	380V 50/60Hz	26KVA	70A	13000A	3.0+3.0 mm 1.5+3.0 mm	1-13 V	4-9 mm	Electronic timer continuously	IP21	4-8kg	0-900ms 脉冲 Pulsed	2.2+2 m 3m 7m		80x68x203 cm	175kg

Description

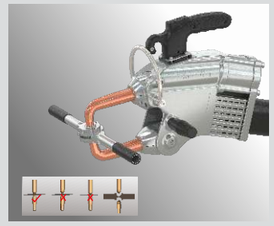
FY-14ACX resistance spot welder is revolutionary compare with others in the industry. Through advanced and innovative technology, the working voltage is automatically compensated. When the welder is connected to an AC 380V power source, the system's working voltage compensation circuit compensates for variations in the mains voltage to ensure a constant current level for high quality welds. Large digital graphic color LCD display is easy to read. The uniquely designed gun cable support arm can be flexibly rotated and moved. Stepless current control ensures current stability under different welding conditions. Equipped with integrated circuits for efficient and accurate readings. Various extension arms are designed to adapt to any welding work situation. 10 preset welding modes and 60 built-in memory functions are available.

Control panel

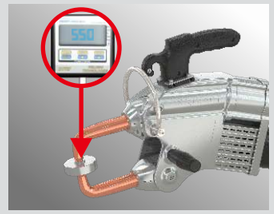


Features

※Automatic mains voltage monitoring.
※Overheat protection.
※Designed for dent pulling of different kinds of car steels such as conventional steel, stainless steel, etc.
※With HUA curved silicon steel sheet and energy efficient main transformer.
※With DELIXI, OMRON and PANASONIC high quality relay.
※High precision time adjustment system.
※Single-sided and double-sided welding.
※Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※Complete with air filter and pressure regulator.
※Uniquely designed gun cable support arm allows flexible movement with rotation.
※Equipped with switchable spot gun and multifunctional puller.
※Digital graphic LCD monitor.
※Stepless current regulation.
※10 preset weld programs.
※60 memory functions.
※Double-sided welding function.



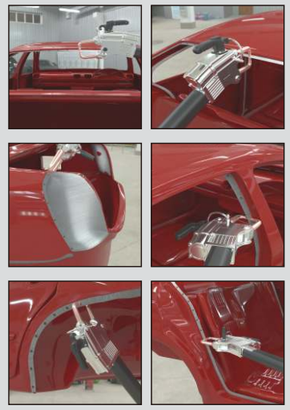
Electrode sharpener is available as an option.



Electrode pressure gauge is available as an option.



Welding current tester is available as an option.



RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

Multifunctional resistance spot welder with C-type gun



Spot welding quick puller C



Air-cooled C-type gun (standard)

NO.2011C-E Air-cooled C-type gun (standard)

13000A | 500daN

选购 Optional
C5 520x180mm
C4 480x180mm
C3 400x180mm
C2 250x180mm
C1 80x160mm

Φ4~9mm | 6kg



Air-cooled X-type gun (optional)

NO.2011X-A Air-cooled X-type gun (optional)

13000A

选购 Optional
X1 L=270mm
X2 L=370mm
X3 L=460mm

350daN | Φ4~9mm | 5kg

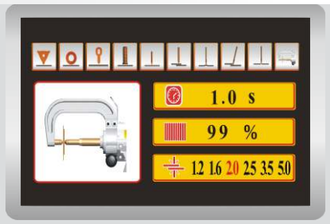
Technical data	±15%	Input power	Rated input current	I MAX	mm	V	Φ mm	Operation way	Protection grade	Air supply pressure	Welding timing range	Cable length		cm	kg
FY-13000	380V 50/60Hz	23KVA	65A	13000A	3.0+3.0 mm	1-13 V	4-9 mm	Electronic timer continuously	IP21	4-8kg	0~9990ms Pulsed	2.2+2 m		74x61x180 cm	168kg
					1.5+3.0 mm							3m			
												7m			

Description

FY-13000 resistance spot welder is revolutionary compare with others in the industry. Through advanced and innovative technology, the working voltage is automatically compensated. When the welder is connected to an AC 380V power source, the system's working voltage compensation circuit compensates for variations in the mains voltage to ensure a constant current level for high quality welds. Large digital graphic color LCD display is easy to read. The uniquely designed gun cable support arm can be flexibly rotated and moved. Stepless current control ensures current stability under different welding conditions. Equipped with integrated circuits for efficient and accurate readings. Various extension arms are designed to adapt to any welding work situation. 10 preset welding modes and 60 built-in memory functions are available.

Control panel



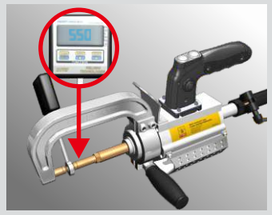


Features

※Automatic mains voltage monitoring.
※Overheat protection.
※Designed for dent pulling of different kinds of car steels such as conventional steel, stainless steel, etc.
※With HUA curved silicon steel sheet and energy efficient main transformer.
※With DELIXI, OMRON and PANASONIC high quality relay.
※High precision time adjustment system.
※Single-sided and double-sided welding.
※Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※Complete with air filter and pressure regulator.
※Uniquely designed gun cable support arm allows flexible movement with rotation.
※Equipped with switchable spot gun and multifunctional puller.
※Digital graphic LCD monitor.
※Stepless current regulation.
※10 preset weld programs.
※60 memory functions.
※Electrodes of C-type gun can be step-by-step opened and quadratic rapid closed.



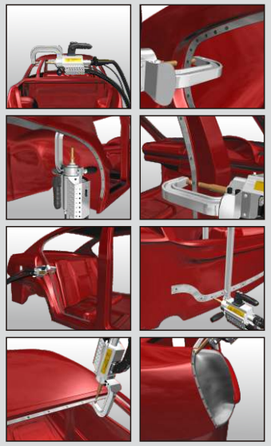
Electrode sharpener is available as an option.



Electrode pressure gauge is available as an option.



Welding current tester is available as an option.



RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

PATENTED PRODUCT.ALL RIGHTS RESERVED

THE BEST OF CLASSIC MULTIFUNCTIONAL WATER-COOLED RESISTANCE SPOT WELDER

FYSPOT-100WT



Spot welding quick puller C(optional)



Water-cooled C-type gun

NO.2011C-B	Water-cooled C-type gun
10000A	500daN
选购 Optional: C5 520x180mm; C4 480x180mm; C3 400x180mm; C2 250x180mm; C1 80x160mm	
Φ4~9mm	6kg

Molded aluminium alloy C-type gun, light weight and durable



INVERTER TECH | HSS READY | PULSE | GALVANISED

Technical data	±15%	Input power	Rated input current	I MAX	mm		V	Φmm	Protection grade	Air supply pressure	Welding time	Cable length		cm	kg
FYSPOT-100WT	380V 50/60Hz	22KVA	60A	10000A	C	3.0+3.0+3.0 mm	1-13V	4-9 mm	IP21	3-8kg	0-9990ms Pulsed	C	2.2+2m	62x52x195 cm	137kg
						1.5+3.0 mm							3m		
													8m		

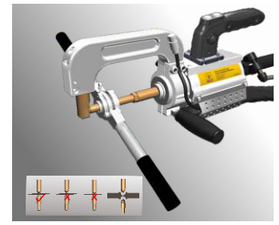
Advantages Of Water-cooled Welding

The water-cooled spot welder ensures stable welding quality during long time and high current operation. With liquid cooling, the spot welder's operating temperature can be kept within the normal range.The cooling system also prevents the electrode tip from softening due to high temperatures, improves the life of the electrode tips, stabilizes spot welding quality, and enhances overall welding quality.

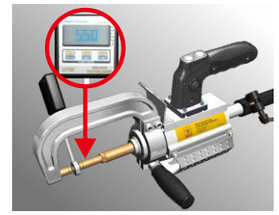
Features

※Automatic monitoring of the supply voltage.
※Suitable for repairing steel and stainless steel car bodies
※High efficiency and energy-saving main transformer with HUA curved silicon steel sheet
※Equipped with high quality brand relays,DELIXI, OMRON and Panasonic.
※Equipped high-precision time adjustment system.
※Single-sided welding and double-sided welding are available.
※A wide variety of welding procedures are available to choose from, such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, straight pull washer, triangle washer ,etc.
※With air filter and pressure regulator.
※With switchable welding gun and multifunctional puller.
※Digital LCD Chinese and English graphic display.
※Stepless current regulation,10 preset weld programs and 60 memory functions.
※C-type spot welding gun with stepping piston and 2-step fast backward.





Electrode sharpener is available as an option.

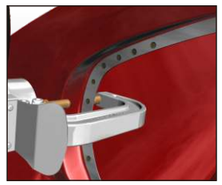


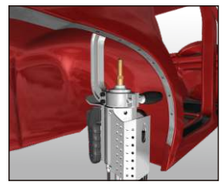
Electrode pressure gauge is available as an option.



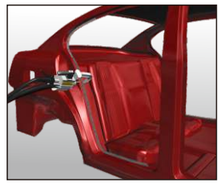
Welding current tester is available as an option.





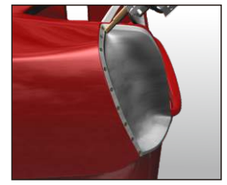












RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

MULTIFUNCTIONAL RESISTANCE SPOT WELDER WITH X-TYPE GUN

FY-9900X



A



C

Spot welding quick puller(optional)



Air-cooled C-type gun (optional)

NO.2011C-E Air-cooled C-type gun (optional)

9900A

500daN

Optional
C5 520x180mm
C4 480x180mm
C3 400x180mm
C2 250x180mm
C1 80x160mm

Φ4~9mm | 6kg

Air-cooled X-type gun (standard)

NO.2011X-A Air-cooled X-type gun (standard)

9900A

选购 Optional
X1 L=270mm
X2 L=370mm
X3 L=460mm

350dan | Φ4~9mm | 5kg

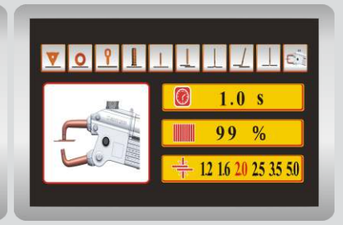
Technical data	±15%	Input power	Rated input current	I MAX	mm		V	Φmm	Operation way	Protection grade	Air supply pressure	Welding timing range	Cable length		cm	kg
FY–9900X	380V 50/60Hz	20KVA	55A	9900A	C	2.5+2.5 mm	1-13 V	4-9 mm	Electronic timer continuously	IP21	4-8kg	0~9990ms Pulsed	C	2.2+2 m	70x53x180 cm	138kg
						1.5+3.0 mm								2.5m		
														3.5m		

Description

FY-9900X technology is revolutionary compared with others in the industry. With advanced and innovative technology, the operating voltage is compensated automatically. When the welder is connected to an AC 380V power supply, the operating voltage compensation circuit in the system compensates for variations of the main supply voltage and ensures a constant current level to achieve a high quality performance. Large digital graphic color LCD monitor is easy to read. Uniquely designed gun cable support arm allows flexible movement with rotation. Stepless current control ensures the stability of current in different welding conditions. Equipped with integrated circuit for efficient and accurate readouts. A variety of extension arms is designed to accommodate any welding job situation. With 10 preset weld programs & 60 built-in memory functions. This unit is an excellent choice for body repair work and spot welding applications.

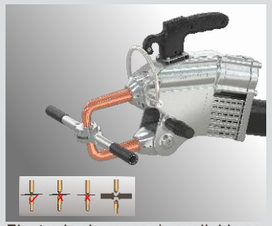
Control panel



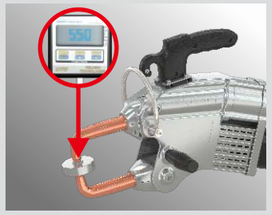


Features

※Automatic mains voltage monitoring.
※Overheat protection.
※Designed for dent pulling of different kinds of car steels such as conventional steel, stainless steel, etc.
※With HUA curved silicon steel sheet and energy efficient main transformer.
※With DELIXI, OMRON and PANASONIC high quality relay.
※High precision time adjustment system.
※Single-sided and double-sided welding.
※Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※Complete with air filter and pressure regulator.
※Uniquely designed gun cable support arm allows flexible movement with rotation.
※Equipped with switchable spot gun and multifunctional puller.
※Digital graphic LCD monitor.
※Stepless current regulation.
※10 preset weld programs.
※60 memory functions.
※Electrodes of C-type gun can be step-by-step opened and quadratic rapid closed (optional).



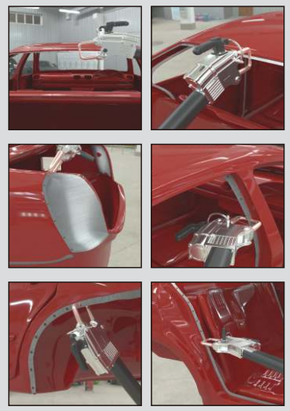
Electrode sharpener is available as an option.



Electrode pressure gauge is available as an option.



Welding current tester is available as an option.



RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

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INTELLIGENT ALUMINUM AUTO BODY PRECISION REPAIR SYSTEM

FY-12L

NEW



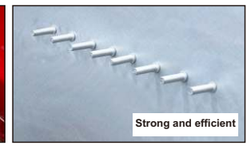
FY-TECH-YOUR BEST CHOICE IN COLLISION REPAIRS

Dent Pull Gun









Special Tools For Aluminum Repair





Input Voltage	Output Current	Rated power	Fuse	Weld stud size	Inverter	Washer thickness	Duty cycle	Welding mode	Dimension	Weight
220V±15% 50/60*Hz*	0-250A	2KVA	10A	M3-M6	IGBT	1-2.5mm	90%	Automatic	25x45x25cm(Machine) 82X62X172cm(Cart)	15kg (Machine) 66kg (Cart)

Features

※Aluminum Auto Body Precision Repair System FY12L with advanced IGBT power source and control technology, is an drawn arc welder specially designed and developed for removing the aluminum body dents. The patented welding gun with built-in servo motor system offers stable performance and easy operation ,which can weld not only aluminum studs , but also aluminum straight pull washers.

※Designated or recommended by BMW, Mercedes-Benz, Audi, Volvo, Cadillac, Tesla and Toyota.

※User-friendly design of the control panel and digital display interface makes it easy to use even for new users. Reusable straight pull washers reduce the repair costs.

※Equipped with a complete set of special tools for aluminum body repair.

Crossbar Lifters





※Suitable for quick, labour-saving and accurate pulling out of the dented part.
※The two base plates can be flexibly adjusted to suit the dented parts.
※With EVA protective foot pads to effectively protect the body surface in different repair positions.
※With multi-hook puller.

Crossbar Lifter And Gas Cylinder Trolley



※The side panel of the trolley is equipped with a crossbar lifter bracket that holds the lifter stably in place. More convenient to use.



※Equipped with a gas cylinder cart at the rear side to hold the gas cylinder securely (Gas cylinder not included).

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

INVERT TECHNOLOGY
ENERGY-EFFICIENT

MULTIFUNCTIONAL ALUMINIUM BODY DENT PULLING MACHINE

HSS READY





No.F6004

Quick puller (optional)

FY-65L-88A **FY-65L** **FY-10L**

Description

With its advanced welding power source and control technology, the aluminium body dent puller is specifically designed for aluminium body repairs on vehicles such as BMW, Mercedes-Benz, Audi and Volvo.Bodywork of steel, iron and aluminium can be repaired with this machine

Dent repair glue pulling kit



Quick repair method that won't damage paint surface

This method can quickly repair minor collisions to the car body. After confirming the elastic deformation of the car body, safely and quickly repair it without damaging the paint surface or disassembling any components.

Crossbar lifter with 2 or 4 kickstands
Standard crossbar lifter with 2 or 4 kickstands can quickly repair various dents on aluminium and steel car bodies.



Features

※Adopted international advanced technology and controlled by microprocessor.Thanks to the advanced digital control technology and user-friendly control design, the best welding result can be achieved by simply selecting the current that matches the welding workpiece during operation.
※High precision power control system.
※Complete with two and four-kickstand crossbar lifters to accommodate any repair task for the whole aluminium car body.
※Suitable for dent pulling of aluminium and different kinds of car steels.
※High welding strength without damage to the metallic coatings and paint surfaces on the back.
※Digital display, simple to operate and easy to use.
※Able to weld 3mm-6mm aluminium stud bolts, steel stud bolts and aluminium washers.

Technical Data	FY-10L	FY-65L	Technical Data	FY-88A
Input voltage ±15%	220V 50/60Hz 1-ph	220V 50/60Hz 1-ph	Input voltage ±15%	220V/ 380V 50/60Hz
KVA Rated power	3.5KVA	1.5KVA	KVA Rated power	17.5KVA
Fuse	10A	10A	A Input current	70A/26A
Insulation grade	IP-23	H	IMAX	3500A
Capacitance	———	94000 UF	Output voltage	1-13V
No-load voltage	———	50-200V	Operation way	Electronic timer continuously
Spottable stud diameter	Φ3-Φ6mm	Φ3-Φ6mm	Welding time	0-100ms
Duty cycle	90%	80%	mm	0.8+1.2mm
Welding mode	Arc stud welding	Dent pulling	Reg	stepless
cm	72x60x164cm	53x60x164cm	Cm	25x45x25cm 55x65x82cm
kg	9kg	12/20kg	kg	10.5kg/28kg



No.F601

Fifteen-piece aluminium car body repair kit(optional)



One of the world's most light and hard aluminum hammers. Using of aviation materials and special coasting offer smooth surface and high wear resistance .They would not only reduce the intensity of labor, but also ensure the aluminum alloy body without electrochemical corrosion. Using even stress design with special embedded and adhesive technology, hammerhead is not easy to fall off. Handle designed with human engineering. They are indispensable tools for repairing aluminum body.

Dent Pull Gun(FY-10L)









RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

DIGITAL ALUMINUM DENT PULLING MACHINE



FY-55L



No.F6004
Quick puller (optional)

Description

As time goes on, more and more car panels are made of aluminium. With advanced welding power and control technology, FY-65L and FY-10L are specifically designed for aluminium panel repairs of BMW, Mercedes-Benz, Audi and Volvo amongst others. Whilst specially designed for aluminium body repair works, it is also suitable for use on other metals such as steel, copper and iron.

Features

※With leading international inverter technology. Microprocessor control system optimizes the welding parameters. Due to the adoption of advanced digital control technology and user friendly design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality.

※High precision power control system.

※Complete with two and four-kickstand crossbar lifters to accommodate any repair task for the whole aluminium car body.

※Suitable for dent pulling of aluminium and different kinds of car steels.

※High welding strength without damage to the metallic coatings and paint surfaces on the back.

※Digital display, simple to operate and easy to use.

※Able to weld 3mm-6mm aluminium stud bolts, steel stud bolts

Technical Data	FY-55L
Input voltage ±15%	220V
KVA Rated input power	1.2KVA
A/V Max	7500A
Fuse	10A
Insulation grade	H
Capacitance	66000UF
No-load voltage	50–200V
Spottable stud diameter	Ø3–6mm
Weldeng mode	Dent pulling
Duty cycle	80%
cm	46x48x105cm
kg	Main Machine 16.5kg





Quick puller



Standard crossbar lifter with 2 kickstands can quickly repair various dents on aluminium and steel car bodies.

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

DIGITAL ALUMINUM DENT PULLING MACHINE



FY-50L



No.F6004
Quick puller (optional)

Description

As time goes on, more and more car panels are made of aluminium. With advanced welding power and control technology, FY-65L and FY-10L are specifically designed for aluminium panel repairs of BMW, Mercedes-Benz, Audi and Volvo amongst others. Whilst specially designed for aluminium body repair works, it is also suitable for use on other metals such as steel, copper and iron.

Features

※With leading international inverter technology. Microprocessor control system optimizes the welding parameters. Due to the adoption of advanced digital control technology and user friendly design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality.
※High precision power control system.
※Complete with two and four-kickstand crossbar lifters to accommodate any repair task for the whole aluminium car body.
※Suitable for dent pulling of aluminium and different kinds of car steels.
※High welding strength without damage to the metallic coatings and paint surfaces on the back.
※Digital display, simple to operate and easy to use.
※Able to weld 3mm-6mm aluminium stud bolts, steel stud bolts

Technical Data	FY–50L
Input voltage ±15%	220V
KVA Rated input power	1KVA
A/V Max	7000A
Fuse	10A
Insulation grade	H
Capacitance	66000UF
No-load voltage	50–200V
Spottable stud diameter	Ø3–6mm
Weldeng mode	Dent pulling
Duty cycle	80%
cm	62x54x104cm
kg	Main Machine 16kg







Quick puller



NO.F003
Dent pulling spot hammer



NO.F002
Pulling hammer with hook

Clamp



RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

MULTIFUNCTIONAL ALUMINIUM DENT PULLING MACHINES

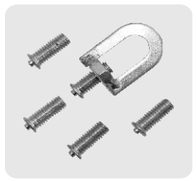
FY-80L **FY-60L**

No.F030L



Technical Data	FY–80L	FY–60L
Input voltage ±15%	220V 50/60Hz 1-ph	220V 50/60Hz 1-ph
KVA Rated power	1.4KVA	1.3KVA
Fuse	10A	10A
Insulation grade	H	H
Capacitance	96000 UF	96000 UF
No-load voltage	60–180V	60–180V
Spottable stud diameter	Φ3–Φ6mm	Φ3–Φ6mm
Duty cycle	80%	80%
cm	72x60x155cm	72x60x155cm
kg	60kg	52kg

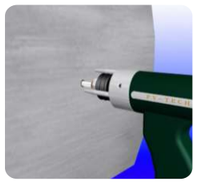




Use the appropriate accessories



Polishing process



Test weld



Weld



Aluminium body dent pulling



Aluminium body dent pulling



Remove stud bolts

Description

As time goes on, more and more car panels are made of aluminium. With advanced welding power and control technology, FY-80L and FY-60L are specifically designed for aluminium panel repairs of BMW, Mercedes-Benz, Audi and Volvo amongst others. Whilst specially designed for aluminium body repair works, it is also suitable for use on other metals such as steel, copper and iron.

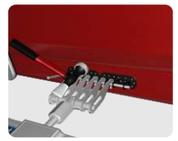
Dent repair glue pulling kit



Quick repair method that won't damage paint surface

This method can quickly repair minor collisions to the car body. After confirming the elastic deformation of the car body, safely and quickly repair it without damaging the paint surface or disassembling any components.









Features

※Microprocessor control system optimizes the welding parameters. Due to the adoption of advanced digital control technology and user friendly design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality.
※Reliable transformer with HUA curved silicon steel sheet, 100% copper windings（optional）
※With DELIXI, OMRON and PANASONIC high quality relay.
※High precision power control system.
※The whole spot gun body is cast in polyamide.
※Sliding type pulling hammer.
※Complete with crossbar lifter to accommodate any repair task for the whole aluminium car body.
※Suitable for dent pulling of aluminium and different kinds of car steels.
※High welding strength without damage to the metallic coatings and paint surfaces on the back.
※Digital display, simple to operate and easy to use.
※Spottable stud bolt diameter 4mm-8mm.
※Additional aluminium MIG welder is available as an option.



Complete with crossbar lifter to accommodate any repair task for the whole aluminium car body



No.F601

Fifteen-piece aluminium car body repair kit(optional)



A wide variety of welding accessories



RVI welding gun with tripod positioning

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

INVERT TECHNOLOGY
ENERGY-EFFICIENT

MULTIFUNCTIONAL IGBT INVERTER DENT PULLING MACHINES

FY-88DC FY-86DC FY-85DC



INVERTER TECH

HSS READY

IGBT inverter technology with high efficiency, energy consumption can be reduced up to 50%

High quality, fast, convenient and efficient

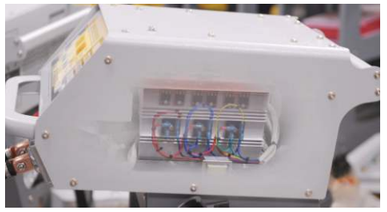
The features of FY-TECH IGBT Inverter car body dent pulling machine are high output power, easy to move and simple to operate. The welder is used for a wide variety of applications, such as dent pulling, carbon rod heating and shrinking, single-sided spot welding, stud bolt welding, sheet plate cutting and sheet metal welding. Use this versatile welder in body repair work, you will need less replacement of panels and finish your work quicker. It will change the way you work entirely.

Features

※With the most advanced international IGBT inverter technology and advanced digital control technology and user friendly design, all you have to do is select the welding function corresponding to the workpiece thickness to achieve the best weld quality.
※Digital control system offers greater stability of the output power.
※Designed to repair different kinds of car steels such as conventional steel, stainless steel, etc.
※Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※Inverter technology with high efficiency, energy consumption can be reduced up to 50%.



PET hot press formed control panel for professionaldigital car body repair system.



With a world famous welding power supply, IGBT inverter technology and soft switching control technology, unit has a perfect welding performance. There is also less post welding treatment work and highly energy efficient, saving up to 70%.

技术参数 Technical Data	FY-88DC	FY-86DC	FY-85DC
Input voltage ±15%	220V/ 380V 50/60Hz	220V / 380V 50/60Hz	220V / 380V 50/60Hz
KVA Input power	17.5KVA	15KVA	13KVA
A Input current	70A/26A	68A/22A	59A/20A
IMAX	3500A	3000A	2600A
Output voltage	1-13V	1-13V	1-13V
Operation way	Electronic timer continuously	Electronic timer continuously	Electronic timer continuously
Welding time	0-2000ms	0-2000ms	0-2000ms
mm	0.8+1.2mm	0.8+1.0mm	0.8+1.0mm
Reg	stepless	stepless	stepless
Cm	45x56x95cm	45x56x95cm	45x56x95cm
kg	58kg	50kg	48kg



A C

Spot welding quick puller(optional)



Rack for various pullers, convenient and durable.



Welding gun with a protection case and a holder

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

INVERT TECHNOLOGY
ENERGY-EFFICIENT

MULTIFUNCTIONAL IGBT INVERTER DENT PULLING MACHINES

FY-88A **FY-87A** **FY-86A** **FY-85A**



INVERTER TECH

HSS READY

IGBT inverter technology with high efficiency, energy consumption can be reduced up to 50%

High quality, fast, convenient and efficient

The features of FY-TECH IGBT Inverter car body dent pulling machine are high output power, easy to move and simple to operate. The welder is used for a wide variety of applications, such as dent pulling, carbon rod heating and shrinking, single-sided spot welding, stud bolt welding, sheet plate cutting and sheet metal welding. Use this versatile welder in body repair work, you will need less replacement of panels and finish your work quicker. It will change the way you work entirely.

Features

※With the most advanced international IGBT inverter technology and advanced digital control technology and user friendly design, all you have to do is select the welding function corresponding to the workpiece thickness to achieve the best weld quality.
※Digital control system offers greater stability of the output power.
※Automatic mains voltage monitoring.
※Overheat protection.
※Stepless current regulation.
※Designed to repair different kinds of car steels such as conventional steel, stainless steel, etc.
※Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※High precision time and power adjustment system.
※Inverter technology with high efficiency, energy consumption can be reduced up to 50%

Technical Data	FY-88A	FY-87A	FY-86A	FY-85A
Input voltage ±15%	220V/ 380V 50/60Hz	220V / 380V 50/60Hz	220V / 380V 50/60Hz	220V / 380V 50/60Hz
KVA Input power	17.5KVA	15.5KVA	15KVA	13KVA
A Input current	76A/26A	70A/24A	68A/22A	59A/20A
MAX	3500A	3100A	3000A	2600A
Output voltage	1-13V	1-13V	1-13V	1-13V
Operation way	Electronic timer continuously	Electronic timer continuously	Electronic timer continuously	Electronic timer continuously
Welding time	0-2000ms	0-2000ms	0-2000ms	0-2000ms
mm	0.8+1.2mm	0.8+1.0mm	0.8+1.0mm	0.8+1.0mm
Reg	stepless	stepless	stepless	stepless
Cm	25x45x25cm 55x65x82cm	42x23x27cm 55x65x110cm	42x23x27cm 55x65x110cm	42x23x27cm 55x65x110cm
kg	10.5kg/28kg	10kg/28kg	9.5kg/28kg	9kg/28kg

Accessories

NO.	Accessories	FY-88A	FY-87A	FY-86A	FY-85A
NO.F001	Pneumatic vacuum cupule	1Set	------	------	------
NO.F002	Pulling hammer with hook	1Set	1Set	1Set	1Set
NO.F003	Dent pulling spot hammer	1Set	1Set	1Set	------
NO.F006	Wavy wire	15PCS	15PCS	15PCS	------
NO.F007	Carbon rod	5PCS	3PCS	3PCS	3PCS
NO.F008	Spot welding electrode tip	1PC	1PC	1PC	------
NO.F009	Carbon rod connector	1PC	1PC	1PC	1PC
NO.F010	Wavy wire electrode tip	1PC	1PC	1PC	------
NO.F011	Washer connector	1PC	1PC	1PC	1PC
NO.F013	Triangle washer connector	-----	------	------	1PC
NO.F014	Claw	1PC	1PC	1PC	1PC
NO.F015	Triangle washer	10PCS	10PCS	10PCS	10PCS
NO.F016	Stud	30PCS	30PS	------	------
NO.F017	Φ12mm washer	15PCS	15PCS	15PCS	15PCS
NO.F017	Φ10mm washer	15PCS	15PCS	15PCS	15PCS
NO.F018	Earth clamp	1PC	1PC	1PC	1PC
NO.F019	Manual cupule	-----	1PC	1PC	1PC
NO.F030	OT washer	20 PCS	20 PCS	------	------
NO.F076	Wrench	1PC	1PC	1PC	1PC
NO.F054	Stud connector	1PC	1PC	------	------



NO.F003
Dent pulling spot hammer

NO.F002
Pulling hammer with hook

NO.F001
Pneumatic vacuum cupule

Multifunctional IGBT Inverter Dent Pulling Machine

With the most advanced international IGBT technology, able to repair car bodies made of various materials like conventional steel and stainless steel etc. The inverter technology can increase the work efficiency, saving energy consumption up to 50%. Portable, light weight (only 9kg) and convenient to use.





Practical Tool Trolley

Professional tool trolley specially designed for dent puller approved by a number of repair workshops.

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

INVERT TECHNOLOGY
ENERGY-EFFICIENT

CAR BODY SHEET METAL FINE REPAIR EQUIPMENT



FY-9011L



FY-9013L

Eight highlights, comprehensive improvement

More application configuration and more powerful function
Advance control system—Auto and Manual welding are available
Welding without spark
Quick repair without paint damage
Carbody traceless repair
Updated technology
Setting with a single button
Perfect quality guarantee by FY-TECH

Features

※ Microprocessor control system optimizes the welding parameters.Due to the adoption of advanced digital control technology and humanization design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality
※ Welding gun testing function to evaluate the using status of welder more completely.
※ With overheat protection.
※ Suitable for dent pulling of different kinds of car steels such as conventional steel,stainless steel,etc.
※ Various of welding procedures are available such as shrinking, washer, direct–pulling, spot welding, flattening, wavy wire, stud welding, OT washer, triangle washer, etc .
※ Direct–pulling hammer with insulated protection.
※ Digital control system with steady power output
※ Setting the data of welding power and time is available. The welder can automatically save the data.
※ With automatic welding function, effectively reduce the user's labor intensity and improve efficiency.
※ Spot welding small strength enough, do not hurt the back. Pulse function of flattening and collecting fire zone, local quick repair.
※ Equipped with special puller and slide hammer, easy to use

Technical Data	FY–9011L
Input voltage ± 15%	220V or 380V ± 15% 50/60Hz
KVA Input power	12KVA
A Input current	16A
I_{MAX}	2800A
V_2 Output voltage	1–13V
Operation way	Electronic timer continuously
Welding time	10–99s
mm	0.6+1.2mm
Reg	stepless
cm	22x35x25cm 42x72x89cm
kg	22kg/25kg

Accessories



Technical Data	FY–9013L
Input voltage ± 15%	220V or 380V ± 15% 50/60Hz
KVA Input power	12KVA
A Input current	16A
I_{MAX}	3200A
V_2 Output voltage	1–13V
Operation way	Electronic timer continuously
Welding time	10–99s
mm	0.6+1.2mm
Reg	stepless
cm	22x39x32cm 48x51x158cm
kg	25kg/48kg

Accessories



RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

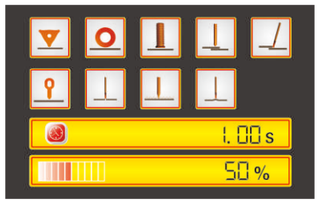
ENERGY-EFFICIENT

MULTIFUNCTIONAL DIGITAL DENT PULLING MACHINES

FY-9000 FY-9000A



Graphic LCD Monitor
(FY-9000 Chinese version only)





A C

Spot welding quick puller(optional)

To meet the needs of universal sheet metal repair

With innovative and advanced technology, operating voltage is compensated automatically. When the welder is connected to AC 380V power supply, the operating voltage compensation circuit in the system compensates for variations of the main supply voltage and ensures constant current level to achieve a high quality performance. Large digital graphic LCD monitor with blue backlight (FY-9000 only) is easy to read and learn. Uniquely designed gun cable support arm allows flexible movement with 360° rotation.

Features

※ Microprocessor control system optimizes the welding parameters. Due to the adoption of advanced digital control technology and user friendly design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality.
※ Automatic mains voltage monitoring.
※ Digital control system offers greater stability of the output power.
※ The welding gun testing function evaluates the usage status of welder more comprehensively.
※ Overheat protection.
※ High precision time and power adjustment system.
※ Designed to repair different kinds of car steels such as conventional steel, stainless steel, etc.
※ Complete with triangle washers for dent pulling.
※ Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※ Digital display.
※ Large pulling hammer and waveform wire welding.
※ Stepless current regulation.

Technical Data	FY–9000	FY–9000A
Input voltage ±15%	380V 50/60Hz	380V 50/60Hz
KVA Input power	29.5KVA	29KVA
A Input current	77A	76A
I_{MAX}	5900A	5800A
Output voltage	1-13V	1-13V
Operation way	Electronic timer continuously	Electronic timer continuously
Welding time	0-1990ms	0-1990ms
mm	0.8+1.2mm	0.8+1.2mm
Reg	stepless	stepless
Cm	72x60x155cm	72x60x155cm
kg	86kg	86kg

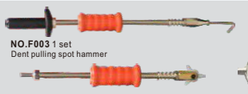
Accessories



NO.F006	15PCS
NO.F007	5PCS
NO.F008	1PC
NO.F009	1PC
NO.F010	1PC
NO.F011	1PC
NO.F015	10PCS
NO.F016	30PCS
NO.F017	Φ12mm 15PCS
NO.F017	Φ10mm 15PCS
NO.F030	20PCS
NO.F054	1PC



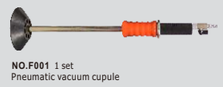
NO.F020 Single-sided welding gun
NO.F076 Wrench
NO.F018 Earth clamp



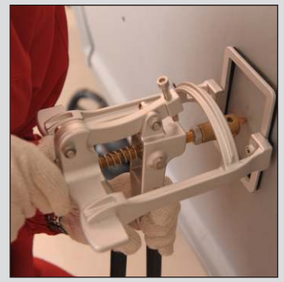
NO.F003 1 set
Dent pulling spot hammer

NO.F002 1 set
Pulling hammer with hook

NO.F014 1 pc
Claw



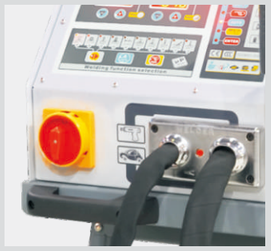
NO.F001 1 set
Pneumatic vacuum cupule



Spot welding quick puller B
(optional)



Control system with graphic LCD and touch-key panel (FY-9000 Chinese version only)



Independent cable entries and testing switch to ensure safety and durability

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

MULTIFUNCTIONAL DIGITAL DENT PULLING MACHINES

FY-9G FY-8G FY-7G FY-6G





PET hot press formed control panel for professionaldigital car body repair system.

High quality, fast, convenient and efficient

The features of FY-TECH digital car body dent pulling machine are high output power, easy to move and simple to operate. The welder is used for a wide variety of applications, such as dent pulling, carbon rod heating and shrinking, single-sided spot welding, stud bolt welding, sheet plate cutting and sheet metal welding. Use this versatile welder in body repair work, you will need less replacement of panels and finish your work quicker. It will change the way you work entirely.

Features

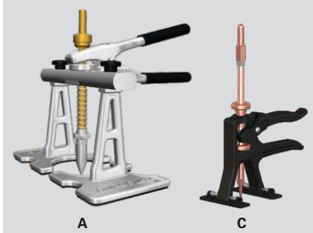
※Microprocessor control system optimizes the welding parameters. Due to the adoption of advanced digital control technology and user friendly design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality.
※Automatic mains voltage monitoring.
※Digital control system offers greater stability of the output power.
※The welding gun testing function evaluates the usage status of welder more comprehensively.
※Overheat protection.
※High precision time and power adjustment system.
※Complete with triangle washers for dent pulling.
※Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※Digital display.
※Large pulling hammer and waveform wire welding.
※Stepless current regulation.

Technical Data	FY-9G	FY-8G	FY-7G	FY-6G
Input voltage ±15%	220V or 380V 50/60Hz	220V or 380V 50/60Hz	220V or 380V 50/60Hz	220V or 380V 50/60Hz
KVA Input power	29KVA	27KVA	26KVA	25KVA
A Input current	76A	71A	68A	65A
IMAX	5800A	5400A	5200A	5000A
Output voltage	1-13V	1-13V	1-13V	1-13V
Operation way	Electronic timer continuously	Electronic timer continuously	Electronic timer continuously	Electronic timer continuously
Welding time	0-2000ms	0-2000ms	0-2000ms	0-2000ms
mm	0.8+1.2mm	0.8+1.2mm	0.8+1.2mm	0.8+1.2mm
Reg	stepless	stepless	stepless	stepless
Cm	45x56x95cm	45x56x95cm	45x56x95cm	45x56x95cm
kg	55kg	53kg	51kg	49kg

Accessories

NO.	Accessories	FY-9G	FY-8G	FY-7G	FY-6G
NO.F001	Pneumatic vacuum cupule	1Set	------	------	------
NO.F002	Pulling hammer with hook	1Set	1Set	1Set	1Set
NO.F003	Dent pulling spot hammer	1Set	1Set	1Set	------
NO.F006	Wavy wire	15PCS	15PCS	15PCS	------
NO.F007	Carbon rod	5PCS	3PCS	3PCS	3PCS
NO.F008	Spot welding electrode tip	1PC	1PC	1PC	------
NO.F009	Carbon rod connector	1PC	1PC	1PC	1PC
NO.F010	Wavy wire electrode tip	1PC	1PC	1PC	------
NO.F011	Washer connector	1PC	1PC	1PC	1PC
NO.F013	Triangle washer connector	-----	------	------	1PC
NO.F014	Claw	1PC	1PC	1PC	1PC
NO.F015	Triangle washer	10PCS	10PCS	10PCS	10PCS
NO.F016	Stud	30PCS	30PS	------	------
NO.F017	Φ12mm washer	15PCS	15PCS	15PCS	15PCS
NO.F017	Φ10mm washer	15PCS	15PCS	15PCS	15PCS
NO.F018	Earth clamp	1PC	1PC	1PC	1PC
NO.F019	Manual cupule	-----	1PC	1PC	1PC
NO.F030	OT washer	20 PCS	20 PCS	------	------
NO.F076	Wrench	1PC	1PC	1PC	1PC
NO.F054	Stud connector	1PC	1PC	------	------





Spot welding quick puller(optional)



Rack for various pullers, convenient and durable.



Welding gun with a protection case and a holder

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

MULTIFUNCTIONAL DENT PULLING MACHINES



FY-9BX FY-8BX

Welding Functions

Carbon rod heating
Washer welding
Single-sided spot welding
OT washer welding
Sheet metal flattening
Claw puller dent pulling
Triangle washer spot hammer dent pulling
Stud welding
Pneumatic/manual vacuum cupule dent pulling
Carbon rod stitch welding
Hook puller dent pulling
Wavy wire welding



Welding gun with a protection case and a holder.

Features

※Microprocessor control system optimizes the welding parameters.Due to the adoption of advanced digital control technology and humanization design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality
※Welding gun testing function to evaluate the using status of welder more completely.
※Overheat protection
※Suitable for dent pulling of different kinds of car steels such as conventional steel,stainless steel,etc.
※Various of welding procedures are available such as shrinking,washer,direct-pulling, spot welding, flatten-ing, waveform wire,stud welding, OT washer, triangle washer, etc .
※Digital control system with steady power output

Technical Data	FY–9BX	FY–8BX
Input voltage ±15%	220V or 380V 50/60Hz	220V or 380V 50/60Hz
KVA Input power	11KVA	10KVA
A Input current	50A/29A	45A/26A
I_{MAX}	2200A	2000A
$V_{\checkmark}$ Output voltage	1–13V	1–11V
Operation way	electronic timer continuously	electronic timer continuously
Welding time	0-1000ms	0-1000ms
mm	0.8+1.0mm	0.8+1.0mm
Reg	stepless	stepless
Cm	42x72x89cm / 22x35x25cm	42x72x89cm / 20x33x23cm
kg	23kg/22kg	23kg/20kg

Accessories

NO.	Accessories	FY-9BX
NO.F002	Dent pulling spot hammer	1Set
NO.F007	Carbon rod	3PCS
NO.F009	Carbon rod connector	1PC
NO.F011	Washer connector	1PC
NO.F013	Triangle washer connector	1PC
NO.F015	Triangle washer	10PCS
NO.F017	Φ10mm washer	15PCS
NO.F018	Earth clamp	1PC
NO.F019	Manual cupule	1PC
NO.F076	Wrench	1PC



NO.F002
NO.F002 Dent pulling spot hammer

Multifunctional dent pulling machine



Advanced international digital control technology and user friendly design, compact size and portable



Practical Tool Trolley

Professional tool trolley specially designed for dent puller approved by a number of repair workshops.

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

MULTIFUNCTIONAL DENT PULLING MACHINES

FY-95G



Features

※Microprocessor control system optimizes the welding parameters.Due to the adoption of advanced digital control technology and humanization design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality
※Welding gun testing function to evaluate the using status of welder more completely.
※Choosing automatic torch welding is available (trigger is unnecessary)
※Overheat protection
※Suitable for dent pulling of different kinds of car steels such as conventional steel,stainless steel,etc.
※Various of welding procedures are available such as shrinking,washer,direct-pulling, spot welding, flatten-ing, waveform wire,stud welding, OT washer, triangle washer, etc .
※Digital control system with steady power output

Technical Data	FY–95G
Input voltage ±15%	220V or 380V 50/60Hz
KVA Input power	15KVA
A Input current	68A/39A
IMAX	3000A
Output voltage	1–13V
Operation way	Electronic timer continuously
Welding time	0-1000ms
mm	0.8+1.2mm
Reg	stepless
Cm	25x45x25cm 55x65x82cm
kg	22kg/28kg

Accessories	FY–95G
Pneumatic vacuum cupule	1Set
Pulling hammer with hook	1Set
Dent pulling spot hammer	1Set
Wavy wire	15PCS
Carbon rod	5PCS
Spot welding electrode tip	1PC
Carbon rod connector	1PC
Wavy wire electrode tip	1PC
Washer connector	1PC
Triangle washer connector	-----
Claw	1PC
Triangle washer	10PCS
Stud	30PCS
Φ12mm washer	15PCS
Φ10mm washer	15PCS
Earth clamp	1PC
Manual cupule	-----
OT washer	20 PCS
Wrench	1PC
Stud connector	1PC



NO.F003
Dent pulling spot hammer

NO.F002
Pulling hammer with hook

NO.F001
Pneumatic vacuum cupule

Multifunctional dent pulling machines



Advanced international digital control technology and user friendly design, compact size and portable.

Practical Tool Trolley



Professional tool trolley specially designed for dent puller approved by a number of repair workshops.

Welding Functions

Carbon rod heating
Washer welding
Single-sided spot welding
OT washer welding
Sheet metal flattening
Claw puller dent pulling
Triangle washer spot hammer dent pulling
Stud welding
Pneumatic/manual vacuum cupule dent pulling
Carbon rod stitch welding
Hook puller dent pulling
Wavy wire welding



Rack for various pullers, convenient and durable.



Welding gun with a protection case and a holder.

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

MULTIFUNCTIONAL DIGITAL SPOTTER DENT PULLING MACHINES

FY-93G FY-92G FY-91G FY-90G





A C

Spot welding quick puller(optional)



Rack for various pullers, convenient and durable.



Welding gun with a protection case and a holder.

Features

※Microprocessor control system optimizes the welding parameters.Due to the adoption of advanced digital control technology and humanization design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality
※Welding gun testing function to evaluate the using status of welder more completely.
※Overheat protection
※Suitable for dent pulling of different kinds of car steels such as conventional steel,stainless steel,etc.
※Various of welding procedures are available such as shrinking,washer,direct-pulling, spot welding, flatten-ing, waveform wire,stud welding, OT washer, triangle washer, etc .
※Digital control system with steady power output

Technical Data	FY-93G	FY-92G	FY-91G	FY-90G
Input voltage ±15%	220V or 380V 50/60Hz	220V or 380V 50/60Hz	220V or 380V 50/60Hz	220V or 380V 50/60Hz
KVA Input power	14.5KVA	14KVA	13.5KVA	13KVA
A Input current	66A/38A	64A/37A	61A/36A	59A/34A
IMAX	2900A	2800A	2700A	2600A
Output voltage	1-13V	1-13V	1-13V	1-13V
Operation way	Electronic timer continuously	Electronic timer continuously	Electronic timer continuously	Electronic timer continuously
Welding time	0-1000ms	0-1000ms	0-1000ms	0-1000ms
mm	0.8+1.2mm	0.8+1.2mm	0.8+1.0mm	0.8+1.0mm
Reg	stepless	stepless	stepless	stepless
Cm	25x45x25cm 55x65x82cm	25x45x25cm 55x65x82cm	25x45x25cm 55x65x82cm	25x45x25cm 55x65x82cm
kg	22kg/28kg	21kg/28kg	20kg/28kg	19kg/28kg

随机配件 Accessories

NO.	Accessories	FY-93G	FY-92G	FY-91G	FY-90G
NO.F001	Pneumatic vacuum cupule	1Set	------	------	------
NO.F002	Pulling hammer with hook	1Set	1Set	1Set	1Set
NO.F003	Dent pulling spot hammer	1Set	1Set	1Set	------
NO.F006	Wavy wire	15PCS	15PCS	15PCS	------
NO.F007	Carbon rod	5PCS	3PCS	3PCS	3PCS
NO.F008	Spot welding electrode tip	1PC	1PC	1PC	------
NO.F009	Carbon rod connector	1PC	1PC	1PC	1PC
NO.F010	Wavy wire electrode tip	1PC	1PC	1PC	------
NO.F011	Washer connector	1PC	1PC	1PC	1PC
NO.F013	Triangle washer connector	-----	------	------	1PC
NO.F014	Claw	1PC	1PC	1PC	1PC
NO.F015	Triangle washer	10PCS	10PCS	10PCS	10PCS
NO.F016	Stud	30PCS	30PS	------	------
NO.F017	Φ12mm washer	15PCS	15PCS	15PCS	15PCS
NO.F017	Φ10mm washer	15PCS	15PCS	15PCS	15PCS
NO.F018	Earth clamp	1PC	1PC	1PC	1PC
NO.F019	Manual cupule	-----	1PC	1PC	1PC
NO.F030	OT washer	20 PCS	20 PCS	------	------
NO.F076	Wrench	1PC	1PC	1PC	1PC
NO.F054	Stud connector	1PC	1PC	------	------



Multifunctional digital spotter dent pulling machines

Advanced international digital control technology and user friendly design, compact size and portable.





Practical Tool Trolley

Professional tool trolley specially designed for dent puller approved by a number of repair workshops.

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

MULTIFUNCTIONAL DIGITAL DENT PULLING MACHINES

FY-8L FY-7L FY-6L





High quality, fast, convenient and efficient

The features of FY-TECH digital car body dent pulling machine are high output power, easy to move and simple to operate. The welder is used for a wide variety of applications, such as dent pulling, carbon rod heating and shrinking, single-sided spot welding, stud bolt welding, sheet plate cutting and sheet metal welding. Use this versatile welder in body repair work, you will need less replacement of panels and finish your work quicker. It will change the way you work entirely.

Features

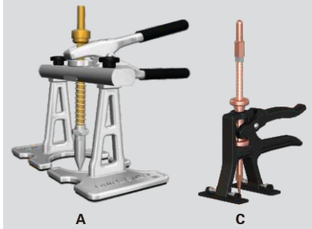
※Microprocessor control system optimizes the welding parameters. Due to the adoption of advance digital control technology and user friendly design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality.
※Automatic mains voltage monitoring.
※Digital control system offers greater stability of the output power.
※The welding gun testing function evaluates the usage status of welder more comprehensively.
※Overheat protection.
※High precision time and power adjustment system.
※Complete with triangle washers for dent pulling.
※Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※Digital display.
※Large pulling hammer and waveform wire welding.
※Stepless current regulation.

Technical Data	FY–8L	FY–7L	FY–6L
Input voltage ±15%	220V or 380V 50/60Hz or 220V/380V	220V or 380V 50/60Hz or 220V/380V	220V or 380V 50/60Hz or 220V/380V
KVA Input power	27KVA	26KVA	25KVA
A Input current	71A	68A	65A
IMAX	5400A	5200A	5000A
Output voltage	1-13V	1-13V	1-13V
Operation way	Electronic timer continuously	Electronic timer continuously	Electronic timer continuously
Welding time	0-2000ms	0-2000ms	0-2000ms
mm	0.8+1.2mm	0.8+1.2mm	0.8+1.2mm
Reg	stepless	stepless	stepless
Cm	60x45x98cm	60x45x98cm	60x45x98cm
kg	83kg	81kg	73kg

随机配件 Accessories

NO.	Accessories	FY-8L	FY-7L	FY-6L
NO.F001	Pneumatic vacuum cupule	1Set	------	------
NO.F002	Pulling hammer with hook	1Set	1Set	1Set
NO.F003	Dent pulling spot hammer	1Set	1Set	1Set
NO.F006	Wavy wire	15PCS	15PCS	15PCS
NO.F007	Carbon rod	5PCS	3PCS	3PCS
NO.F008	Spot welding electrode tip	1PC	1PC	1PC
NO.F009	Carbon rod connector	1PC	1PC	1PC
NO.F010	Wavy wire electrode tip	1PC	1PC	1PC
NO.F011	Washer connector	1PC	1PC	1PC
NO.F014	Claw	1PC	1PC	1PC
NO.F015	Triangle washer	10PCS	10PCS	10PCS
NO.F016	Stud	30PCS	30PS	------
NO.F017	Φ12mm washer	15PCS	15PCS	15PCS
NO.F017	Φ10mm washer	15PCS	15PCS	15PCS
NO.F018	Earth clamp	1PC	1PC	1PC
NO.F019	Manual cupule	-----	1PC	1PC
NO.F030	OT washer	20 PCS	20 PCS	------
NO.F076	Wrench	1PC	1PC	1PC
NO.F054	Stud connector	1PC	1PC	------





Spot welding quick puller(optional)



PET hot press formed professional digital control panel



Welding gun with a protection case and a holder

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

MULTIFUNCTIONAL DENT PULLING MACHINES

FY-8000 FY-7000 FY-6000



Welding Functions

Carbon rod heating
Washer welding
Single-sided spot welding
OT washer welding
Sheet metal flattening
Claw puller dent pulling
Triangle washer spot hammer dent pulling
Stud welding
Pneumatic/manual vacuum cupule dent pulling
Carbon rod stitch welding
Hook puller dent pulling
Wavy wire welding

Fast, convenient, economical and practical

The features of FY-TECH digital car body dent pulling machine are high output power, easy to move and simple to operate. The welder is used for a wide variety of applications, such as dent pulling, carbon rod heating and shrinking, single-sided spot welding, stud bolt welding, sheet plate cutting and sheet metal welding. Use this versatile welder in body repair work, you will need less replacement of panels and less time to finish your work. It will change the way you work entirely.

Features

※Microprocessor control system optimizes the welding parameters. User friendly design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality.
※Automatic mains voltage monitoring.
※The welding gun testing function evaluates the usage status of welder more comprehensively.
※Overheat protection.
※High precision time and power adjustment system.
※Complete with triangle washers for dent pulling.
※Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※Digital display.
※Large pulling hammer and waveform wire welding.
※With several welding currents to choose from.

Technical Data	FY–8000	FY–7000	FY–6000
Input voltage ±15%	220V or 380V 50/60Hz or 220V/380V	220V or 380V 50/60Hz or 220V/380V	220V or 380V 50/60Hz or 220V/380V
KVA Input power	27KVA	26KVA	25KVA
A Input current	71A	68A	65A
IMAX	5400A	5200A	5000A
Output voltage	1-13V	1-13V	1-13V
Operation way	continuously	continuously	continuously
Welding time	0-2000ms	0-2000ms	0-2000ms
mm	0.8+1.2mm	0.8+1.2mm	0.8+1.2mm
Reg	stepless	stepless	stepless
Cm	60x45x98cm	60x45x98cm	60x45x98cm
kg	60kg	58kg	56kg

Accessories

NO.	Accessories	FY-8000	FY-7000
NO.F001	Pneumatic vacuum cupule	1Set	------
NO.F002	Pulling hammer with hook	1Set	1Set
NO.F003	Dent pulling spot hammer	1Set	1Set
NO.F006	Wavy wire	15PCS	15PCS
NO.F007	Carbon rod	5PCS	3PCS
NO.F008	Spot welding electrode tip	1PC	1PC
NO.F009	Carbon rod connector	1PC	1PC
NO.F010	Wavy wire electrode tip	1PC	1PC
NO.F011	Washer connector	1PC	1PC
NO.F014	Claw	1PC	1PC
NO.F015	Triangle washer	10PCS	10PCS
NO.F016	Stud	30PCS	30PS
NO.F017	Φ12mm washer	15PCS	15PCS
NO.F018	Earth clamp	1PC	1PC
NO.F019	Manual cupule	-----	1PC
NO.F030	OT washer	20 PCS	20 PCS
NO.F076	Wrench	1PC	1PC
NO.F054	Stud connector	1PC	1PC



NO.F003
Dent pulling spot hammer

NO.F002
Pulling hammer with hook

NO.F001
Pneumatic vacuum cupule



Spot welding quick puller(optional)



Control system with stable output power



Independent cable entries and testing switch to ensure safety and durability

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

MULTIFUNCTIONAL DENT PULLING MACHINES

FY-5000 **FY-4500**



Welding Functions

Carbon rod heating
Washer welding
Single-sided spot welding
OT washer welding
Sheet metal flattening
Claw puller dent pulling
Triangle washer spot hammer dent pulling
Stud bolt welding
Manual cupule dent pulling
Carbon rod stitch welding
Hook puller dent pulling
Waveform wire welding

Features

※Microprocessor control system optimizes the welding parameters. User friendly design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality.
※Automatic mains voltage monitoring.
※The welding gun testing function evaluates the usage status of welder more comprehensively.
※Overheat protection.
※High precision time and power adjustment system.
※Complete with triangle washers for dent pulling.
※Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※Digital display.
※Large pulling hammer and waveform wire welding.
※With several welding currents to choose from.

Technical Data	FY-5000	FY-4500
Input voltage ±15%	220V or 380V 50/60Hz	220V or 380V 50/60Hz
KVA Input power	21KVA	20KVA
A Input current	95A/55A	91A/53A
IMAX	4200A	4000A
Output voltage	1-13V	1-13V
Operation way	continuous	continuous
Welding time	0-1000ms	0-1000ms
Reg	A B C	A B C
Cm	60x45x98cm	60x45x98cm
kg	54kg	52kg

Accessories

NO.	Accessories	FY-5000	FY-4500
NO.F002	Pulling hammer with hook	1Set	1Set
NO.F003	Dent pulling spot hammer	------	------
NO.F006	Wavy wire	------	------
NO.F007	Carbon rod	3PCS	3PCS
NO.F008	Spot welding electrode tip	------	------
NO.F009	Carbon rod connector	1PC	1PC
NO.F010	Wavy wire electrode tip	------	------
NO.F011	Washer connector	1PC	1PC
NO.F013	Triangle washer connector	1PC	1PC
NO.F014	Claw	------	------
NO.F015	Triangle washer	10PCS	10PCS
NO.F017	Φ12mm washer	15PCS	15PCS
NO.F018	Earth clamp	1PC	1PC
NO.F019	Manual cupule	1PC	------
NO.F076	Wrench	1PC	1PC



RAL 1006 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012

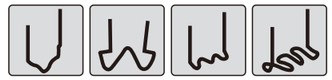
ENERGY-EFFICIENT

SMART AUTOMOTIVE PLASTIC REPAIR KIT

FY-2012S









Practical Tool Trolley(optional)

Features

※Use new type resistance short-circuit design and a clip which can be used on both sides to prolong the service life. Digital control system allows easy selection of functions, stepless control of power and free adjustment of parameters, convenient to use.
※Complete with different staples for repairing different parts like the car bumper, plastic parts and plastic surface.

Specifications

Model	Input voltage	Input current	Output voltage	Output current	Weight	Dimensions
FY-2012S	220V 50/60Hz	1.5A	2.6V	5-30A	4.8kg	250x180x135mm

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

PATENTED PRODUCT.ALL RIGHTS RESERVED

AUTOMOTIVE PLASTIC REPAIR SYSTEM

FY-2022L



Description

The overall structure of the body is made of 1.5 mm thick galvanised steel, with laser cutting and bending. Finished in an electrostatic colour and cured at high temperatures to ensure corrosion resistance. Together with the moulded handrails and one-piece formed corner posts, the tool trolley is robust and durable.The perforated design of the panel allows large tools to be hung easily. Additional 4-position 16A/4kw safety sockets and dual air connections can be fitted.The heavy-duty swivel castors have a load capacity of 300 kg. The peg hooks and tool box are supplied as standard accessories.

Features

※FY-2022L designed with new resistance short-circuit protection circuit to provide longer service life. Digital control system for more convenient use. With stepless power adjustment function, you can change the adjustment parameters at will. Both sides of the iron cutter can be used to increase the service life.

※Used to repair car bumpers and other plastic parts and used to cut and smooth plastic edges. Equipped with a variety of hot staples with different shapes and sizes to help you repair different plastic surface.

※Plastic Parts Repair System FY-2022L is a collection of automotive plastic repair kit, pre-repair sanding tools, plastic welding kit and plastic gluing tools.

※The system covers all repair needs for thermoplastic and thermoset plastic parts, including plastic parts gluing, welding, stapling and meshing. Equipped with a 4-position 16A/4kw safety outlet and a dual air source port to ensure ease of use.

Special Tools For Repair







Model	Input voltage ± 15%	Input Current	Output voltage	Output current	Dimension	Weight
FY-2022L	220V 50/60*Hz*	1.5A	2.6V	5-30A	25x18x13.5cm(Machine) 76X48X157cm(Cart)	4.8kg (Machine) 67kg (Cart)

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

MULTIFUNCTIONAL DENT PULLER AND MIG WELDER TWO IN ONE



FY-800L-250

SPOT+MIG



A C

Spot welding quick puller(optional)

Description

FY-8000-250 is a multi-tasking welder which combines a variety of functions in one unit. The system allows you to have access to all welding needs: spot, MIG, dent pulling, sheet metal welding, carbon heating and shrinking, triangle washer welding etc., easy to move and simple to operate. The welder is versatile and will allow the user to not only do single-sided spot welding and dent pulling but also MIG welding for body repairing. Your work can be done quickly and easily. It is one of the best tools in the auto collision repair industry.

Features

※ High quality spot welding and MIG welding in one unit.
※ Suitable for dent pulling of different kinds of car steels such as conventional steel and stainless steel etc.
※ Welding gun testing function to evaluate the usage status of welder more comprehensively.
※ Various welding procedures are available such as shrinking, washer welding, dent pulling, spot welding, flattening, wavy wire welding, stud welding, OT washer welding, triangle washer welding etc.
※ Complete with pneumatic vacuum cupule.
※ Complete with rotatable gun cable support arm.
※ Complete with heating gas regulator.
※ MIG welder with welding current 250A, spot welder with maximum welding current 5400A, input voltage 380V.
※ Microprocessor control system optimizes the welding parameters. User friendly design, all you have to do is select the welding current corresponding to the workpiece thickness to achieve the best weld quality.
※ With HUA curved silicon steel sheet and energy efficient main transformer.
※ With DELIXI, OMRON and PANASONIC high quality relay.
※ High precision time and power adjustment system.
※ Rotatable gun cable support arm.
※ With the world famous brand EMIR welding gun.

Technical Data	FY-800L	Technical Data	FY-4250
Input voltage ±15%	220V or 380V 50/60Hz	Input voltage ±15%	220V or 380V 50/60Hz
KVA Input power	14KVA	A I_{RMS}	16.8A
A Input current	64A/37A	A I_{MAS}	12.5A
I_{MAX}	2800A	Min-Max	35A/17V-250A/26.5V
V_K Output voltage	1-13V	Duty cycle	35%
Operation way	continuous	No-load voltage	20-37V
Welding time	0-1000s	Insulation grade	F
mm	0.8+1.2mm		Φ0.8-1.0mm
Reg	stepless		L:3m Φ0.8-1.0mm
Cm	22x35x25cm	Reg	6 or 10
kg	20kg	kg	138kg

Accessories



NO.F003 Dent pulling hammer
NO.F002 Pulling hammer with hook
NO.F001 Pneumatic vacuum cupule



NO.F020 Single-sided welding gun
NO.F076 Wrench
NO.F018 Earth clamp



NO.C032 Air tube



NO.C015

NO.C007D Multifunctional Welding gun



NO.C022 Anti-blocking agent



NO.C001 Gas regulator



Multifunctional dent pulling machines



Advanced international digital control technology and user friendly design,compact size and portable.



Aluminum alloy mold with a beautiful and durable base with a brake wheel

Welding gun holder



With a high quality welding gun, a durable protective cover and a specially designed gun holder.

CAR BODY REPAIR TOOLS AND ACCESSORIES

Water-cooled C-type gun

550daN

Φ4~9mm | 6kg

No.2011C-A

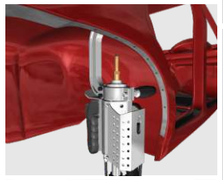
360°

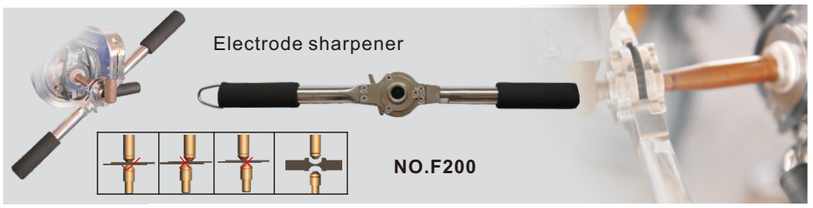


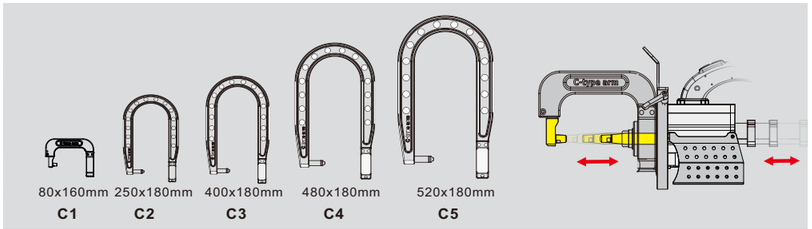
No.2011C-B









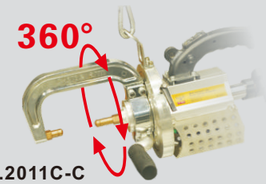




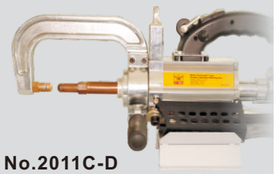
No.F230

Air-cooled C-type gun

360°



No.2011C-C



No.2011C-D

Air-cooled X-type gun

No.2011X-A



350daN

Φ4~9mm | 5kg

X1 L=270mm
X2 L=370mm
X3 L=460mm
X4 L=400mm
X5 L=480mm

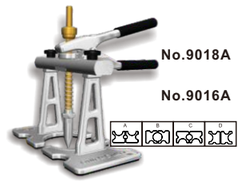
Quick puller for collision repair F9208L



Pneumatic quick puller F9006L



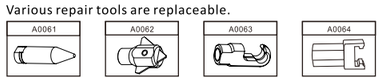
Spot welding quick puller A



No.9018A

No.9016A

Various repair tools are replaceable.



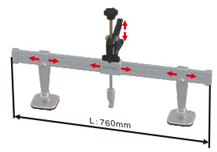
CAR BODY REPAIR TOOLS AND ACCESSORIES



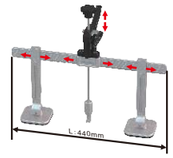
No.9002M L:850mm



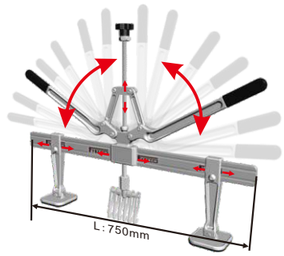
No.9018M L:1250mm



No.FY9004M L:750mm



No.FY9005M L:440mm



No.FY9001M L:750mm



No.9003M
Quick puller

Kickstands which can be placed at different angles



No.F020
Single-sided spot gun



NO.F012



Electrode holder

Washer welding
No.F011 Washer connector
No.F017 Washer

OT washer welding
No.F029 OT washer connector
No.F030 OT washer

Wavy wire welding
No.F010 Wavy wire electrode tip
No.F006 Wavy wire

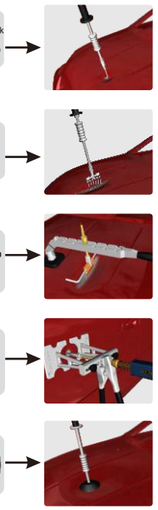
Stud welding
No.F054 Stud connector
No.F016 Stud

Carbon rod heating and stitch welding
No.F009 Carbon rod connector
No.F007 Carbon rod

Single-sided spot welding
No.F008 Spot welding electrode tip

Triangle washer dent pulling
No.F015 Triangle washer
No.F013 Triangle washer connector
No.F003 Dent pulling spot hammer

No.F002 Pulling hammer with hook
No.F005 Hook
No.F004 Pulling Hammer with claw
No.F014 Claw
No.F225 Portable multi-hook puller
No.F223 Quick puller
No.F001 Pneumatic vacuum cupule



No.F018	No.F019	No.F023	No.F024	No.F025	No.F026	No.F031
Earth clamp	Manual cupule	Digital display	Timer	Control transformer	A/C contactor	Gun trigger switch

No.F028a	No.F028b	No.F035	No.F032	No.F027	No.F021	No.F022
Circuit board	Circuit board	IGBT	Oil-water separator	Tool box	Caster	Wheel

CAR BODY REPAIR TOOLS AND ACCESSORIES

Three-piece aluminium car body repair kit
NO.F6001





One of the world's most light and hard aluminum hammers. Using of aviation materials and special coasting offer smooth surface and high wear resistance .They would not only reduce the intensity of labor, but also ensure the aluminum alloy body without electrochemical corrosion. Using even stress design with special embedded and adhesive technology, hammerhead is not easy to fall off. Handle designed with human engineering. They are indispensable tools for repairing aluminum body.

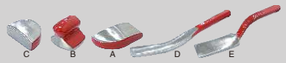
Rubber hammer kit for car body repair
NO.F6004



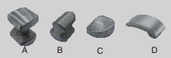
PVC Dolly Blocks
NO:7711000



5PCS Dolly Blocks Set **NO:7711200**



4PCS Dolly Blocks Set **NO:7711100**



PDR Line Board
NO.F6005



Input voltage ±15%	Input current	Rated power	Output voltage	Output current	size
100~240V	1.5A 50/60Hz	8W	12V	5A	425x200x45mm

Multifunctional super strength manual cupule (1)
NO.F204



Multifunctional super strength manual cupule (2)
NO.F203



提起重量 84kg
Lift weight 84kg

Pneumatic Suction Hammer
NO.F205

weight:0.8kg





Air Lifting Jack



NO.F206
3000kg



NO.F207
2500kg



NO.F208
2000kg



High Efficiency



CAR BODY REPAIR TOOLS AND ACCESSORIES

NO.F609
120° 3"Air Sander



Speed R.P.M	MM	DB	Air consumption	Air pressure	kg
20000	30mm	70	0.7*7M	6kg	1.8kg

NO.F210
Pneumatic polisher



Speed R.P.M	power KW	DB	Air consumption	Air pressure	kg
10000	0.43	<90	3.5 SCFM	6kg	1.4kg

NO.F211
Electric polisher



Input Voltage	Speed R.P.M	power W	DB	MM	kg
AC220V	10000	680	70	100MM	2.55kg

NO.F212
Interia Pulling Hammer



NO.F213
Air Flux Chipper



Speed R.P.M	ØPiston	DB	Air consumption	Air pressure	kg
2700	23.5x2x73	70	10CFM	6kg	2.45kg

NO.F223
Multi-function pneumatic grinding machine



Speed R.P.M	power KW	DB	Air consumption	Air pressure	kg
4000	500	86	102	6.2kg	1.2kg

Air Metal Shear
NO.F214



Speed R.P.M	DB	Air consumption	Air pressure	kg
2200	60	14CFM	6kg	1.45kg

Pneumatic Wire Nipper
NO.F215



Cutting thickness	DB	Air consumption	Air pressure	kg
2.0-5mm	60	14CFM	6kg	0.55kg

Air Body Saw/File **NO.F217**



NO.F216

NO.	Speed R.P.M	DB	Air consumption	Air pressure	kg
F216	10000	60	14CFM	6kg	1.05kg
F217	4500	60	0.114 mm/min	6kg	0.55kg

Reversible Air Drill **NO.F218**



Speed R.P.M	DB	Drill Bit	Air consumption	Air pressure	kg
490	82	1.5-13 mm	3.8CFM	6kg	1.7kg

Air Belt Sander **NO.F219**



Speed R.P.M	DB	Air consumption	Air pressure	Size	kg
18000	50	3.84CFM	6kg	20mm x520m/m	0.96kg

Air Punch & Flange Tool **NO.F220**





Speed R.P.M	DB	Drill Bit	Air pressure	kg
2200	60	5mm	6kg	1.35kg

Impact Hammer





NO.F221

Speed R.P.M	DB	Air consumption	Air pressure	kg
2200	85	14CFM	6kg	2.65kg

Spot Weld Drill with Hook **NO.F222**





Speed R.P.M	DB	Drill Bit	Air pressure	kg
1800	76	8mm	6kg	1.4kg

CO_2 MIG Gas Shielded Welding Series



30 years experience in the manufacture of welding equipment

Basic knowledge of gas shielded welding

The metal inert/activated gas welding machine used for body repair has the dual advantage of being able to weld in any position and with a thickness of 0.5-4.4 mm.
In addition, it can spot weld from one side of the steel plate, which is particularly useful for body repairs where it is difficult to maneuver the welded steel plate.
The welding equipment itself is very portable and consists of a transformer, rectifier, built-in wire feed system, lightweight torch with interchangeable nozzles for both regular and spot welding applications, ground wire and clamps, and gas supply in cylinders, all on a cart that can be easily moved anywhere around the body.

Metal inert gas/activated gas welding for mild steel and high–strength low–alloy steels

The use of different materials creates many problems for welders and, if not handled correctly, can degrade the rust resistance of the galvanized sheet metal.
The trim panels on the body are the thinnest panels on the vehicle and are typically repaired by butt, fillet, stack or edge welding.Therefore, the welding current should be as low as possible when welding with metal inert/reactive gases. The choice of shielding gas is very important because it affects not only the quality of the weld, but also the depth of penetration and the amount of slag that forms around the weld. It also controls the temperature, which determines the welding method for different plate thicknesses.
CO2 gas can be used to weld any body panel under the right conditions, but the best gas for welding thin body panels is a cold xenon gas mixture containing 2% oxygen and 5% carbon dioxide.When welding structural parts or chassis, the sheets are usually thicker, up to 3 mm or more, and a hot arc is required to melt through the metal. This requires the use of an argon gas mixture of 2% oxygen and 12% carbon dioxide to control heat flow, maximize adaptability to varying welding conditions and minimize spatter. Typically, an increase in wire diameter is required when welding these thicker plates, which should range from 0.6- 0.8-1.0 mm.

Preparation of welding equipment

※ Choose the right wire size: 0.6-0.8mm is very suitable for thin steel welding. 0.8mm or more is suitable for ordinary welding.Aluminum plate welding must use more than 1.0mm aluminum wire and pure argon gas.
※ Choose the tip that matches the size of the welding wire and install it on the equipment, and choose the torch nozzle to apply to seam welding or welding.
※ Mount the welding wire on the spool and pull out the end of the head to feed it between the two rollers of the machine.
※ Turn on the main power, set the wire feed speed, move the torch switch to feed the wire through the hose into the torch until you see the wire exposed at the head of the torch.(Some machines have a wire trimmer switch for feeding the wire when installing a new wire tray to control the wire feeding slowly into the torch).
※ Turn on the shielding gas pipe and set the gas flow rate to 5~15L/min.
※ Set the wire feed speed and control voltage, and select the connection mode.
※ As far as possible to connect the grounding plug to the location of the welding point to ensure a safe connection to form a good circuit.
※ Before formal welding to wear a helmet or use a hand mask to protect the welder. Then move the torch down to the welding position to excite the arc and start welding.Welding.
※ Before welding the car must be avoided with the battery, starter motor and generator / car computer short circuit, so as to avoid equipment damage. To achieve high quality seam welding, spot welding or continuous multi-spot welding, the surface of the weld must be thoroughly cleaned of oil and paint until bare metal appears. In body welding, the shielding gas confines the heat generated to the sides of the weld, minimizing thermal distortion and preventing damage to interior trim, windshield wipers or window glass. Butt welding can also be used for profiling and patching repairs, where the weld is completed on the outer surface of the body sheet and then the weld is polished with a hand tool such as a sander. Due to the high strength of the weld quality achieved by this welding system, it can be used to weld automobile chassis to meet the requirements of high load and high quality. The welding method is economical when applied to the repair of modern integrated bodies.

EASY OPERATION PERFECT WELDING

ENERGY-EFFICIENT IGBT INVERTER DOUBLE PULSE MIG WELDER FOR ALUMINIUM



FYMIG306XL

With SHARP LCD screen and the most advanced DSP microprocessor chip, the welding parameters are provided automatically to match the workpiece material and thickness. The users only need to set the material and thickness. Setting welding parameters by manual

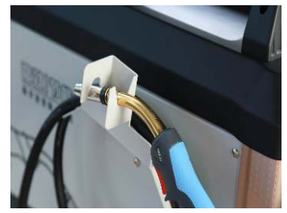


The main machine and feeder can be respectively connected with welding gun.





Technical Data	FYMIG306XL
Input voltage ±15%	400V or 230V
KVA Rated input power	10.5KVA
A Rated input current	16A
A/V Min — Max	35A/15.7V–320A/33V
Duty cycle	250A/100%–320A/65%
No-load output voltage	65V
Efficiency	⩾90%
Power factor	⩾0.95
Insulation grade	F
Steel wire diameter	Φ0.6–1.2mm
Alu alloy wire diameter	Φ1.0–1.2mm
Copper alloy wire diameter	Φ0.6–1.6mm
Wire feeder	Four-roll drive
cm	98x48x151cm
kg	96kg







EASY OPERATION PERFECT WELDING

WATER-COOLED INVERTER PULSE MIG/MAG WELDER

THE LEADER OF HIGH-END INVERTER WELDING MACHINES



Patented product.All rights reserved

FYMIG280WT

Multiple Welding Modes

Welding materials

Carbon steel
ER 70(Ar/C0₂)、Ar/C0₂

Stainless steel
308(Ar/C0₂)、308(Ar/He/C0₂)、316(Ar/C0₂)、316(Ar/He/C0₂)

Copper
Cu Ai9(Ar)、Cu SI3(Ar)

Aluminum
5356(Ar)、4043(Ar)、1050(Ar)



Adopting industrial design and advanced DSP microprocessor control system ,the users only needs to select welding materials and thickness, and the equipment can automatically match the parameters.The automatic storage of equipment information allows the users to save welding parameters without having to reset, saving time and safety.

Features

IGBT inverter pulsed and soft switching control technology allows for energy efficient and steady welding with fast arc ignition. Maximum maintenance of the mechanical properties of the material with less welding deformation ,spatter and post welding treatment . User can quickly and easily weld car bodies with various materials and achieve a perfect performance.

Advantages Of Water-cooled Welding

Water–cooled Inverter Pulse Welding Machine has advantages as deep weld puddle, high arc thrust, less spatter, quality welding shape, fast speed welding, no overheating of the welding gun and longer service life for long time welding. The shield cup has no spatter attachment, which improves the effect of gas shielding and ensures the overall welding quality.

Technical Data	FYMIG280WT	Power factor	⩾0.95
Input voltage ±15%	220V ± 15% 50/60Hz or 380V ± 15% 50/60Hz	Insulation grade	F
KVA Rated input power	7.5KVA	Steel wire diameter	Φ0.6–1.2mm
A Rated input current	11A	Alu alloy wire diameter	Φ1.0–1.2mm
A/V Min— Max	35A/15.7V–260A/26V	Copper alloy wire diameter	Φ0.6–1.2mm
Duty cycle	200A/100%–260A/65%	Wire feeder	Four–roll drive
No-load output voltage	50V	cm	1020x490x1240mm
Efficiency	⩾90%	kg	88kg

EASY OPERATION PERFECT WELDING

MULTIFUNCTIONAL HIGH-SPEED PULSED MIG/MAG WELDING CENTER



RAL RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 7021 RAL 3000 RAL 7012

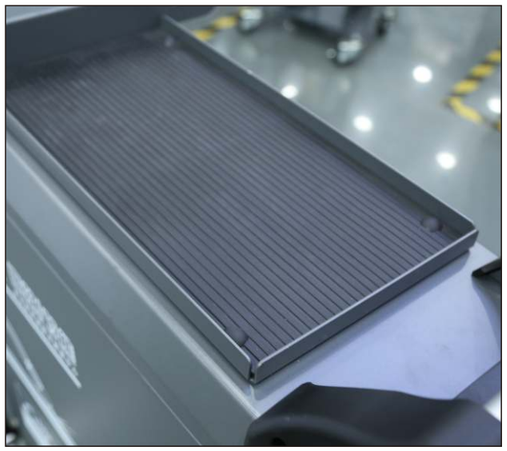
FYMIG230XL

Control panel



1.With industrialized design scheme, the welding parameters are provided automatically to match the workpiece material and wire
diameter. The users only need to set the material and wire diameter. Complete with the international advanced DSP microprocessor
chip. Automatic memory function allows the users to save the welding parameters, safe and efficient.
2. With Bluetooth, mobile apps, multi-languages, and voice prompt.
3.A C variety of welding modes available—Single pulse, double pulse and MMA.

Technical Data	FYMIG230XL
Input voltage ±15%	220V 50/60Hz
KVA Rated input power	7.7KVA
A Rated input current	30A
A/V Min — Max	30A/15.7V–200A/26V
Duty cycle	160A/100%–200A/65%
No-load output voltage	69V
Efficiency	⩾90%
Power factor	≥0.75
Steel wire diameter	Φ0.6–1.2mm
Alu alloy wire diameter	Φ0.8–1.2mm
Copper alloy wire diameter	Φ0.6–1.2mm
Wire feeder	Four
cm	38x85x81cm
kg	40kg



Storage box designed to store accessories and parts.

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT IGBT INVERTER DOUBLE PULSE MIG WELDER FOR ALUMINIUM

FYMIG307

FYMIG307L



One/Two-piece design

Energy efficient and steady welding

IGBT inverter pulsed and soft switching control technology allows for energy efficient steady welding with fast arc ignition. Materials' mechanical properties are maintained with less welding deformation and spatter. User can quickly and easily weld car bodies with various materials and achieve a perfect performance. There is also less post welding treatment work and less welding sparks.



Optional



Control panel



With SHARP LCD screen and the most advanced DSP microprocessor chip, the welding parameters are provided automatically to match the workpiece material and thickness. The users only need to set the material and thickness. Setting welding parameters by manual and storing the set parameters are also available.

Technical Data	FYMIG307	FYMIG307L
Input voltage ±15%	400V or 230V	400V or 230V
KVA Rated input power	10KVA	11KVA
A Rated input current	15A/35A	17A/38A
A/V Min — Max	35A/15.7V–310A/32V	35A/15.7V–330A/34V
Duty cycle	220A/100%–300A/65%	250A/100%–320A/65%
No-load output voltage	62V	68V
Efficiency	⩾90%	⩾90%
Power factor	⩾0.95	⩾0.95
Insulation grade	F	F
Steel wire diameter	Φ0.6–1.2mm	Φ0.6–1.2mm
Alu alloy wire diameter	Φ1.0–1.2mm	Φ1.0–1.2mm
Copper alloy wire diameter	Φ0.6–1.2mm	Φ0.6–1.2mm
Wire feeder	Four–roll drive	Four–roll drive
cm	Main machine 106x50x113cm	Wire feeder 106x50x138cm
kg	85kg	98kg

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT IGBT INVERTER DOUBLE PULSE MIG WELDER FOR ALUMINIUM

FYMIG306

FYMIG306L



One/Two-piece design

Energy efficient and steady welding

IGBT inverter pulsed and soft switching control technology allows for energy efficient steady welding with fast arc ignition. Materials' mechanical properties are maintained with less welding deformation and spatter. User can quickly and easily weld car bodies with various materials and achieve a perfect performance. There is also less post welding treatment work and less welding sparks.

Energy efficient and steady welding



Optional





Control panel



With industrialized design scheme, the welding parameters are provided automatically to match the workpiece material and thickness. The users only need to set the material and thickness. Complete with the international advanced DSP microprocessor chip.Automatic memory function allows the users to save the welding parameters,safe and efficient.

Technical Data	FYMIG306	FYMIG306L
Input voltage ±15%	380V or 220V	400V or 230V
KVA Rated input power	9.5KVA	10.5KVA
A Rated input current	14A/28A	16A/32A
A/V Min — Max	35A/15.7V–300A/31V	35A/15.7V–320A/33V
Duty cycle	220A/100%–300A/65%	250A/100%–320A/65%
No-load output voltage	60V	65V
Efficiency	⩾90%	⩾90%
Power factor	⩾0.95	⩾0.95
Insulation grade	F	F
Steel wire diameter	Φ0.6–1.2mm	Φ0.6–1.2mm
Alu alloy wire diameter	Φ1.0–1.2mm	Φ1.0–1.2mm
Copper alloy wire diameter	Φ0.6–1.2mm	Φ0.6–1.2mm
Wire feeder	Four–roll drive	Four–roll drive
cm	Main machine 106x50x113cm	Wire feeder 106x50x138cm
kg	85kg	98kg

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT IGBT INVERTER DOUBLE PULSE MIG WELDER FOR ALUMINIUM

FYMIG305

FYMIG305L



One/Two-piece design

Energy efficient and steady welding

IGBT inverter pulsed and soft switching control technology allows for energy efficient steady welding with fast arc ignition. Materials' mechanical properties are maintained with less welding deformation and spatter. User can quickly and easily weld car bodies with various materials and achieve a perfect performance. There is also less post welding treatment work and less welding sparks.

Energy efficient and steady welding



Optional



Control panel



With industrialized design scheme, the welding parameters are provided automatically to match the workpiece material and thickness. The users only need to set the material and thickness. Complete with the international advanced DSP microprocessor chip.Automatic memory function allows the users to save the welding parameters,safe and efficient.

技术参数 Technical Data	FYMIG305	FYMIG305L
Input voltage ±15%	400V or 230V	400V or 230V
KVA Rated input power	8KVA	9KVA
A Rated input current	11A/25A	12A/27A
A/V Min — Max	35A/15.7V–260A/26V	35A/15.7V–280A/30V
Duty cycle	200A/100%–260A/65%	200A/100%–280A/65%
No-load output voltage	50V	55V
Efficiency	⩾90%	⩾90%
Power factor	⩾0.95	⩾0.95
Insulation grade	F	F
Steel wire diameter	Φ0.6–1.2mm	Φ0.6–1.2mm
Alu alloy wire diameter	Φ1.0–1.2mm	Φ1.0–1.2mm
Copper alloy wire diameter	Φ0.6–1.2mm	Φ0.6–1.2mm
Wire feeder	Four-roll drive	Four-roll drive
cm	Main machine 106x50x113cm	Wire feeder 106x50x138cm
kg	85kg	98kg

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT IGBT INVERTER DOUBLE PULSE MIG WELDER FOR ALUMINIUM

FYMIG300L
FYMIG300

One/Two-piece design



Energy efficient and steady welding

IGBT inverter pulsed and soft switching control technology allows for energy efficient steady welding with fast arc ignition. Materials' mechanical properties are maintained with less welding deformation and spatter. User can quickly and easily weld car bodies with various materials and achieve a perfect performance. There is also less post welding treatment work and less welding sparks.

Energy efficient and steady welding



Optional



Control panel



With industrialized design scheme, the welding parameters are provided automatically to match the workpiece material and thickness. The users only need to set the material and thickness. Complete with the international advanced DSP microprocessor chip.Automatic memory function allows the users to save the welding parameters,safe and efficient.

Technical Data	FYMIG300L	FYMIG300
Input voltage ±15%	400V or 230V	400V or 230V
KVA Rated input power	10.5KVA	9.5KVA
A Rated input current	16A/32A	14A/28A
A/V Min — Max	35A/15.7V–320A/33V	35A/15.7V–300A/31V
Duty cycle	250A/100%–320A/65%	220A/100%–300A/65%
No-load output voltage	65V	60V
Efficiency	⩾90%	⩾90%
Power factor	⩾0.95	⩾0.95
Insulation grade	F	F
Steel wire diameter	Φ0.6–1.2mm	Φ0.6–1.2mm
Alu alloy wire diameter	Φ1.0–1.2mm	Φ0.8–1.2mm
Copper alloy wire diameter	Φ0.6–1.2mm	Φ0.6–1.2mm
Wire feeder	Four–roll drive	Four–roll drive
cm	Wire feeder 106x50x138cm	Main machine 106x50x113cm
kg	93kg	80kg

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT IGBT INVERTER DOUBLE PULSE MIG WELDER FOR ALUMINIUM

FYMIG200L

FYMIG230L



Energy efficient and steady welding

IGBT inverter pulsed and soft switching control technology allows for energy efficient steady welding with fast arc ignition. Materials' mechanical properties are maintained with less welding deformation and spatter. User can quickly and easily weld car bodies with various materials and achieve a perfect performance. There is also less post welding treatment work and less welding sparks.

Energy efficient and steady welding



Optional



Control panel



With industrialized design scheme, the welding parameters are provided automatically to match the workpiece material and thickness. The users only need to set the material and thickness. Complete with the international advanced DSP microprocessor chip.Automatic memory function allows the users to save the welding parameters,safe and efficient.

Technical Data	FYMIG200L	FYMIG230L
Input voltage ±15%	400V or 230V	400V or 230V
KVA Rated input power	8KVA	9KVA
A Rated input current	11A/25A	12A/27A
A/V Min — Max	35A/15.7V–260A/26V	35A/15.7V–280A/30V
Duty cycle	200A/100%–260A/65%	220A/100%–280A/65%
No-load output voltage	50V	55V
Efficiency	⩾90%	⩾90%
Power factor	⩾0.95	⩾0.95
Insulation grade	F	F
Steel wire diameter	Φ0.6–1.2mm	Φ0.6–1.2mm
Alu alloy wire diameter	Φ1.0–1.2mm	Φ1.0–1.2mm
Copper alloy wire diameter	Φ0.6–1.2mm	Φ0.6–1.2mm
Wire feeder	Four–roll drive	Four–roll drive
cm	Main machine 106x50x113cm	
kg	75kg	76kg

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

EASY OPERATION PERFECT WELDING

ENERGY-EFFICIENT DIGITAL IGBT INVERTER PULSE MIG WELDER FOR ALUMINIUM

THE LEADER OF THE HIGH-END INVERTER MIG WELDING EQUIPMENT



RAL RAL 1006 RAL 7040 RAL 7045 RAL 5009 RAL 7021 RAL 3000 RAL 7012

FYMIG270X

Control panel



With industrialized design scheme, the welding parameters are provided automatically to match the workpiece material and thickness. The users only need to set the material and thickness. Complete with the international advanced DSP microprocessor chip.Automatic memory function allows the users to save the welding parameters,safe and efficient.

Technical Data	FYMIG270X
Input voltage ±15%	400V or 230V
KVA Rated input power	9KVA
A Rated input current	12A/28A
A/V Min — Max	35A/15.7V–270A/26V
Duty cycle	200A/100%–270A/65%
No-load output voltage	60V
Efficiency	⩾90%
Power factor	≥0.95
Insulation grade	F
Steel wire diameter	Φ0.6–1.2mm
Alu alloy wire diameter	Φ0.8–1.2mm
Copper alloy wire diameter	Φ0.6–1.2mm
Wire feeder	Four–roll drive
cm	94x38x93cm
kg	63kg

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

INVERT TECHNOLOGY ENERGY-EFFICIENT

MULTIFUNCTIONAL IGBT INVERTER PULSED MIG WELDERS

FYMIG200L-2

FYMIG200L-3



Energy efficient and steady welding

IGBT inverter pulsed and soft switching control technology allows for energy efficient steady welding with fast arc ignition. Materials' mechanical properties are maintained with less welding deformation and spatter. User can quickly and easily fo weld various materials and achieve a perfect performance. There is also less post welding treatment work and less welding sparks.



Optional



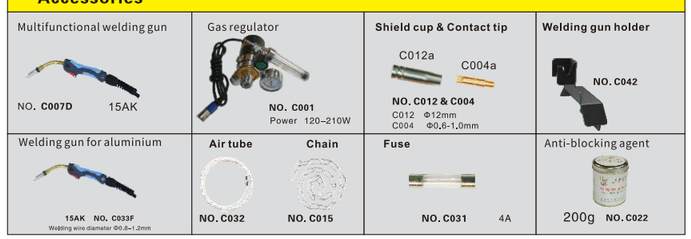
Control panel



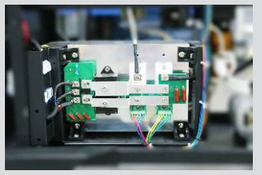
With industrialized design scheme, the welding parameters are provided automatically to match the workpiece material and thickness. The users only need to set the material and thickness. Complete with the international advanced DSP microprocessor chip.Automatic memory

Technical Data	FY–MIG200L–2	FYMIG200L–3
Input voltage ±15%	400V or 230V	400V or 230V
KVA Rated input power	10.5KVA	11KVA
A Rated input current	15A	15A
A/V Min — Max	35A/15.7V–310A/31V	35A/15.7V–320A/32V
Duty cycle	220A/100%–310A/65%	220A/100%–320A/65%
No-load output voltage	60V	60V
Efficiency	⩾90%	⩾90%
Power factor	⩾0.95	⩾0.95
Insulation grade	F	F
Steel wire diameter	Φ0.6–1.2mm	Φ0.6–1.2mm
Alu alloy wire diameter	Φ0.8–1.2mm	Φ0.8–1.2mm
Copper alloy wire diameter	Φ0.6–1.4mm	Φ0.6–1.4mm
Wire feeder	Four–roll drive	Four–roll drive
	Main machine 94x51x117cm	Main machine 94x51x117cm
kg Main machine	98kg	102kg

Accessories



IGBT inverter power supply



With a world famous brand of welding power supply, IGBT inverter pulsed technology and soft switching control technology. Unit has high protectiveness, extensive applicability and a world class welding performance.

Wire feeder



Complete with a VPOWER four-roll dual drive wire feeder

Welding gun



With two high quality welding guns with durable protective covers and specially designed gun holders.

Spool gun (optional)



RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

INVERT TECHNOLOGY
ENERGY-EFFICIENT

ENERGY EFFICIENT DIGITAL IGBT INVERTER PULSED MIG WELDERS

FYMIG5300 **FYMIG5260**



Energy efficient and steady welding

IGBT inverter pulsed and soft switching control technology allows for energy efficient steady welding with fast arc ignition. Materials' mechanical properties are maintained with less welding deformation and spatter. User can quickly and easily fo weld various materials and achieve a perfect performance. There is also less post welding treatment work and less welding sparks.



Optional



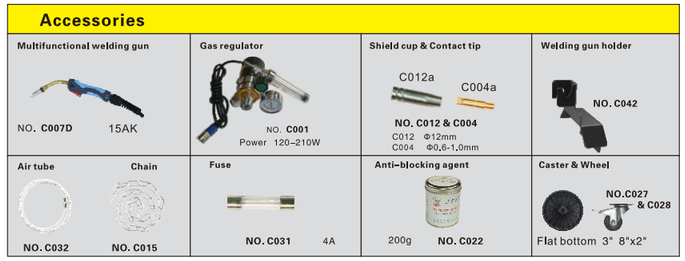
Control panel



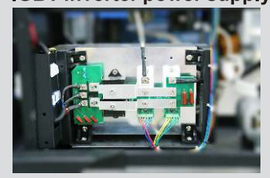
With a multifunctional color LCD panel and the most advanced DSP control technology. It features one button intelligent design to automatically store equipment information and to select the welding modes for various materials. The user can store the welding parameters easily and safely.

Technical Data	FYMIG5300	FYMIG5260
Input voltage ±15%	400V or 230V	400V or 230V
KVA Rated input power	9.5KVA	8KVA
A Rated input current	14A/28A	11A/25A
A/V Min — Max	35A/15.7V–300A/31V	35A/15.7V–260A/26V
Duty cycle	220A/100%–300A/65%	200A/100%–260A/65%
No-load output voltage	60V	50V
Efficiency	⩾90%	⩾90%
Power factor	⩾0.95	⩾0.95
Insulation grade	F	F
Steel wire diameter	Φ0.6–1.2mm	Φ0.6–1.2mm
Alu alloy wire diameter	Φ0.8–1.2mm	Φ0.8–1.2mm
Copper alloy wire diameter	Φ0.6–1.2mm	Φ0.6–1.2mm
Wire feeder	Four-roll drive	
	Main machine 93x35x83cm	
kg Main machine	90kg	88kg

Accessories

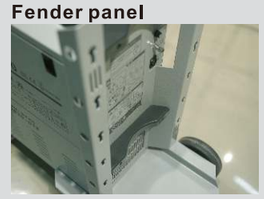


IGBT inverter power supply



With a world famous brand of welding power supply, IGBT inverter pulsed technology and soft switching control technology. Unit has high protectiveness, extensive applicability and a world class welding performance.

Fender panel



Designed with fender panel for gas cylinder to fix onto the machine.

Wire feeder



Complete with a four-roll dual drive wire feeder

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

INVERT TECHNOLOGY
ENERGY-EFFICIENT

ENERGY EFFICIENT DIGITAL IGBT INVERTER MIG WELDERS

FYMIG5300X **FYMIG5260X**



Energy efficient and steady welding

IGBT inverter and soft switching control technology allows for energy efficient steady welding with fast arc ignition. Materials' mechanical properties are maintained with less welding deformation and spatter. User can quickly and easily fo weld various materials and achieve a perfect performance. There is also less post welding treatment work and less welding sparks.



Optional

Steel wire
NO. C036



Multifunctional welding gun

Copper alloy wire
NO. C037



Spool gun



NO. C007D
15AK 24AK 36AK
Welding wire diameter Φ0.6–1.2mm



NO. C034
Power 250A
Welding wire diameter Φ0.6–0.8mm

Control panel



With a multifunctional digital display panel and the most advanced DSP control technology. It features one button intelligent design to automatically track equipment information and to select the welding modes for various materials. The user can store the welding parameters easily and safely.

技术参数 Technical Data	FYMIG5300X	FYMIG5260X
Input voltage ±15%	400V or 230V	400V or 230V
KVA Rated input power	9.5KVA	8.0KVA
A Rated input current	14A/28A	11A/25A
A/V Min — Max	35A/15.7V–300A/31V	35A/15.7V–260A/26V
Duty cycle	220A/100%–300A/65%	200A/100%–260A/65%
No-load output voltage	60V	50V
Efficiency	⩾90%	⩾90%
Power factor	⩾0.95	⩾0.95
Insulation grade	F	F
Steel wire diameter	Φ0.6–1.2mm	Φ0.6–1.2mm
Wire feeder	Two–roll drive	
	Main machine 93x35x83cm	
kg Main machine	88kg	86kg

Accessories

Multifunctional welding gun



NO. C007D 15AK

Gas regulator



NO. C001
Power 120–210W

Shield cup & Contact tip



NO. C012 & C004
C012 Φ12mm
C004 Φ0.6-1.0mm

Welding gun holder



NO. C042

Air tube **Chain**



NO. C032 NO. C015

Fuse



NO. C031 4A

Anti–blocking agent



200g NO. C022

Caster & Wheel



NO.C027 & C028
Flat bottom 3" 8"x2"

IGBT inverter power supply



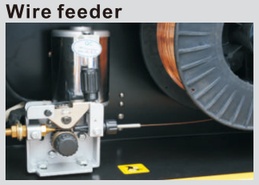
With a world famous brand of welding power supply, IGBT inverter technology and soft switching control technology. Unit has high protectiveness, extensive applicability and a world class welding performance.

Welding gun holder



With a high quality welding gun, a durable protective cover and a specially designed gun holder.

Wire feeder



Complete with a two-roll dual drive wire feeder

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

INVERT TECHNOLOGY
ENERGY-EFFICIENT

ENERGY EFFICIENT DIGITAL IGBT INVERTER MIG WELDERS

FYMIG5215X

IGBT
INVERTER



Energy efficient and steady welding

IGBT inverter and soft switching control technology allows for energy efficient steady welding with fast arc ignition. Materials' mechanical properties are maintained with less welding deformation and spatter. User can quickly and easily fo weld various materials and achieve a perfect performance. There is also less post welding treatment work and less welding sparks.



Optional

Steel wire
NO. C036



Multifunctional welding gun

Copper alloy wire
NO. C037



Spool gun



NO. C007D
15AK 24AK 36AK
Welding wire diameter Φ0.6–1.2mm



NO. C034
Power 250A
Welding wire diameter Φ0.6–0.8mm

Control panel



With a multifunctional digital display panel and the most advanced DSP control technology. It features one button intelligent design to automatically track equipment information and to select the welding modes for various materials like steel and stainless steel. The user can store the welding parameters easily and safely.

Technical Data	FYMIG5215X
Input voltage ±15%	220V/380V
KVA Rated input power	5.3KVA
A Rated input current	8.5A
A/V Min — Max	30A/15.7V–215A/24V
Duty cycle	160A/100%–215A/65%
No-load output voltage	50V
Efficiency	⩾90%
Power factor	⩾0.95
Insulation grade	F
Wire diameter	Φ0.6–1.2mm
Wire feeder	Two–roll drive
	93x35x83cm
kg Main machine	88kg

Accessories

Multifunctional welding gun



NO. C007D 15AK

Gas regulator



NO. C001
Power 120–210W

Shield cup & Contact tip



C012a C004a
NO. C012 & C004
C012 Φ12mm
C004 Φ0.6-1.0mm

Welding gun holder



NO. C042

Air tube



NO. C032

Chain



NO. C015

Fuse



NO. C031 4A

Anti-blocking agent



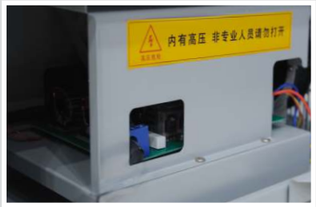
200g NO. C022

Caster & Wheel



NO.C027 & C028
Flat bottom 3" 8*x2"

IGBT inverter power supply



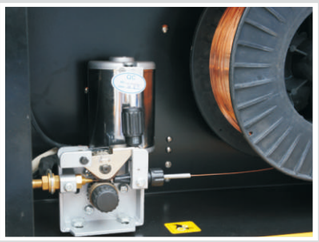
With a world famous brand of welding power supply, IGBT inverter technology and soft switching control technology. Unit has high protectiveness, extensive applicability and a world class welding performance.

Welding gun holder



With a high quality welding gun, a durable protective cover and a specially designed gun holder.

Wire feeder



Complete with a two-roll dual drive wire feeder

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

INVERT TECHNOLOGY
ENERGY-EFFICIENT

PORTABLE IGBT INVERTER MIG WELDER

FYMIG180



IGBT
INVERTER



Energy efficient and steady welding

IGBT inverter and soft switching control technology allows for energy efficient steady welding with fast arc ignition. Materials' mechanical properties are maintained with less welding deformation and spatter. User can quickly and easily fo weld various materials and achieve a perfect performance. There is also less post welding treatment work and less welding sparks.

Optional

	Multifunctional welding gun	Spool gun
Steel wire NO. C036		
	NO. C007E	NO. C034 Power 250A
	Welding wire diameter Φ0.6–0.8mm	Welding wire diameter Φ0.6–1.2mm

Control panel



With a multifunctional digital display panel and the most advanced DSP control technology. It features one button intelligent design to automatically track equipment information and to select the welding modes for various materials like steel and stainless steel. The user can store the welding parameters easily and safely.

Technical Data	FYMIG180
Input voltage ±15%	220V
Rated input power	5KVA
Rated input current	8.3A
Min — Max	30A/15.2V–180A/22V
Duty cycle	100A/100%–180A/65%
No-load output voltage	50V
Efficiency	⩾90%
Power factor	⩾0.95
Insulation grade	F
Steel wire diameter	Φ0.6–0.8mm
Wire feeder	Two–roll drive
	Main machine 43x28x32cm
Main machine	13kg

Accessories

Multifunctional welding gun		Shield cup & Contact tip	Anti–blocking agent
	Air tube NO. C032 	C012a C004a 	
NO. C007E	Chain NO. C015 	NO. C012 & C004 C012 Φ12mm C004 Φ0.6-1.0mm	200g NO. C022
			Fuse  NO. C031 4A

Digital control system



Digital control system is easy to use. Standard welding gun is 3m long. Spool gun is available as an option, please specify when ordering.

Practical Tool Trolley(optional)



Professional welding trolley specially designed for welding, approvedby a number of repair workshops

Gas Cylinder Holder



Designed with a holder at the rear of trolley for firmly placing gas cylinder, more convenient to use.

RAL 1023 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012 FY9513 FY9512

INVERT TECHNOLOGY
ENERGY-EFFICIENT

MIG SEMI-AUTOMATIC GAS SHIELDED WELDER

FY-5500/2E





Features

※Voltage auto detect function
※Welding gun testing function
※Digital display
※High precision two-way time adjustment system
※Multi-bridge rectifier
※Wire feeder with a four-roll dual drive system
※Complete with a heating gas regulator
※Adjustable dynamic arc characteristics
※Good forming capability and quality weld appearance
※Separated wire feeder and welding gun with extended cable is available as an option.

Description

※Our MIG welder uses the most advanced INFINEON IGBT inverter with dual full bridge soft switch circuit technology. This is a core technology to take advantage of the inverter power source to realize the soft switching state of no-load, short circuit and load. This decreases switching stress and also increases the reliability of the unit with a logical, dynamic and static performance.

※This unit also has the characteristics of Gas Metal Arc Welding (GMAW) and inverter technology with constant voltage and current output. It is mainly used in the welding of ferrous metallic materials such as copper, aluminium, stainless steel, high-carbon steel as well as being extensively used in the welding and field operation of steel construction, oil pipelines, car production, shipyards and machinery manufacturing.



Technical Data	FY-5500/2E	Technical Data	FY-5500/2E
Input voltage ±15%	380V 50/60Hz 3-ph	Insulation grade	F
KVA Rated input power	12KVA		Φ0.8-1.2mm
A Rated input current	20A		L:3m Φ0.8-1.2mm
A/V Min — Max	35A/17V-350A/32V	Reg	10
Duty cycle	35%	cm	88x47x89
No-load voltage	21-46V	kg	108kg

Wire feeder NO. C021



VPOWER wire feeder with a four-roll dual drive system

Multifunctional welding gun



NO. C007D 24AK



Spool gun is available as an option

Gas regulator



NO. **C001**
Power 120-210W
Outlet flux 0-25 L/min
Outlet pressure 0.35 Mpa

Contact tip
NO. C004



C004 Φ0. 8-1.0mm



Anti-blocking agent
200g 编号 NO. C022

RAL 1023 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012 FY9513 FY9512

INVERT TECHNOLOGY
ENERGY-EFFICIENT

MIG SEMI-AUTOMATIC GAS SHIELDED WELDERS

FY-5288/2E **FY-4280/2E** **FY-4250/2E**



Features

※With an advanced integrated circuit, functional modules and the new technology of high-performance switching for convenient adjustments, this unit is easy to learn how to use.
※Independent development of mature technology, high reliability, easy operation and high efficiency.
※The microprocessor control system optimizes the welding parameters. Using advanced digital control technology and user friendly design, all you have to do is select the welding current to achieve the best welding results.
※Voltage auto detect function.
※Multi-bridge rectifier.
※High precision two-way time adjustment system.
※Complete with a VPOWER wire feeder.
※Practical, reliable and advanced technology.
※With HUA curved silicon steel sheet and energy efficient main transformer.
※With DELIXI, OMRON and Panasonic high quality relays.
※Taiwan TIANWEI switch.
※Switch with gun testing function.
※With the world famous EMIR brand welding gun.
※Complete with tool box and anti-blocking agent.
※Separated wire feeder and welding gun with extended cable is available as an option.

Description

The FY series MIG semi-automatic gas shielded welding machines are suitable for all position welding and for the highspeed welding of sheet metals and medium plates. These units are mainly used in the welding of ferrous metallic materials such as low carbon steel, high strength low alloy steels, stainless steels, iron. With a one piece design, Pulse Width Modulation (PWM) electronic speed control provides an effective, smooth and steady wire feed during the welding process. Adjustable welding and interval times are specifically designed for easy and flexible spot welding of sheet metal. These machines are extensively used in the welding and field operation of steel construction, oil pipelines, car production, shipyards and industrial installations.

Technical Data	FY–5288/2E	FY–4280/2E	FY–4250/2E
Input Voltage ±15%	380V 50/60Hz 3–ph	220V/380V两用 50/60Hz 1–ph	220V or 380V 50/60Hz 1–ph/ 3–ph
KVA Rated input power	11KVA	8KVA	7KVA
A Rated input current	19A	18A/35A	17/33A
A/V Min— Max	35A/17V–320A/30V	35A/17V–280A/28V	35A/17V–250A/26.5V
Duty cycle	35%	35%	35%
No-load voltage	20–40V	20–38V	20–37V
Insulation grade	F	F	F
	Φ0.8–1.0mm	Φ0.8–1.0mm	Φ0.8–1.0mm
	L:3m Φ0.8–1.0mm	L:3m Φ0.8–1.0mm	L:3m Φ0.8–1.0mm
Reg	10	6	6 or 10
	38x85x89cm	38x85x89cm	38x85x89cm
kg	105kg	100kg	98kg

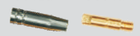
Accessories

Multifunctional welding gun

NO. C007D 15AK
Gun cable length 3m
Welding wire diameter Φ0.8–1.0mm

Gas regulator

NO. C001
Power 120–210W
Outlet flux 0–25 L/min
Outlet pressure 0.35 Mpa

Shield cup & Contact tip

C012a C004a
NO. C012 & C004
C012 Φ12mm
C004 Φ0.6-1.0mm

Anti–blocking agent

200g
NO. C022

Fuse

NO. C031
2A 1pcs 5A 1pcs

Air tube

NO. C032

Chain

NO. C015

Caster & Wheel

NO.C027 & C028
3" 8"x2"
Flat bottom 3" 8"x2"


Welding with less spatters


Universal european connector


PET hot press formed control panel, digital control system and user friendly design, simple structure and convenient operation.


Complete with a two–roll dual drive wire feeder

RAL 1023 | RAL 7040 | RAL 7045 | RAL 5009 | RAL 6017 | RAL 3000 | RAL 7012 | FY9513 | FY9512

ENERGY-EFFICIENT

MIG SEMI-AUTOMATIC GAS SHIELDED WELDERS

FY-4220/2E **FY-4200/2E** **FY-4180/2E** **FY-2270/2E**



Features

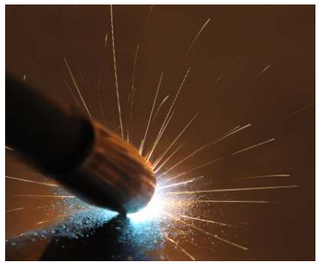
※With an advanced integrated circuit, functional modules and the new technology of high-performance switching for convenient adjustments, this unit is easy to learn how to use.
※Independent development of mature technology, high reliability, easy operation and high efficiency.
※The microprocessor control system optimizes the welding parameters. Using advanced digital control technology and user friendly design, all you have to do is select the welding current to achieve the best welding results.
※Voltage auto detect function.
※Multi-bridge rectifier.
※High precision two-way time adjustment system.
※Complete with a VPOWER wire feeder.
※Practical, reliable and advanced technology.
※With HUA curved silicon steel sheet and energy efficient main transformer.
※With DELIXI, OMRON and Panasonic high quality relays.
※Taiwan TIANWEI switch.
※Switch with gun testing function.
※With the world famous EMIR brand welding gun.
※Complete with tool box and anti-blocking agent.
※Separated wire feeder and welding gun with extended cable is available as an option.

Description

The FY series MIG semi-automatic gas shielded welding machines are suitable for all position welding and for the highspeed welding of sheet metals and medium plates. These units are mainly used in the welding of ferrous metallic materials such as low carbon steel, high strength low alloy steels, stainless steels, iron. With a one piece design, Pulse Width Modulation (PWM) electronic speed control provides an effective, smooth and steady wire feed during the welding process. Adjustable welding and interval times are specifically designed for easy and flexible spot welding of sheet metal. These machines are extensively used in the welding and field operation of steel construction, oil pipelines, car production, shipyards and industrial installations.

Technical Data	FY–4220/2E	FY–4200/2E	FY–4180/2E	FY–2270/2E
Input Voltage ±15%	220V or 380V 50/60Hz 1–ph/3–ph	220V or 380V 50/60Hz 1–ph	220V or 380V 50/60Hz 1–ph	220V or 380V 50/60Hz 1–ph
KVA Rated input power	7KVA	5.5KVA	5KVA	4KVA
A Rated input current	17A/33A	15A/30A	14A/29A	13A/28A
A/V Min–Max	35A/17V–250A/26.5V	35A/17V–220A/25V	35A/17V–210A/24V	35A/17V–200A/24V
Duty cycle	35%	35%	35%	35%
No-load voltage	20–32V	20–31V	20–30V	20–30V
Insulation grade	F	F	F	F
	Φ0.8–1.0mm	Φ0.8–1.0mm	Φ0.8–1.0mm	Φ0.8–1.0mm
	L:3m Φ0.8–1.0mm	L:3m Φ0.8–1.0mm	L:3m Φ0.8–1.0mm	L:3m Φ0.8–1.0mm
Reg	10	7	7	7
cm	38x85x89cm	38x85x89cm	38x85x89cm	38x85x89cm
kg	96kg	90kg	85kg	80kg

Accessories	FY–4220/2E	FY–4200/2E	FY–4180/2E	FY–2270/2E
Welding gun	15AK 1PC	15AK 1PC	15AK 1PC	15AK 1PC
Earth clamp	1PC	1PC	1PC	1PC
Fuse	2A 1PC 4A 1PC	2A 1PC 4A 1PC	2A 1PC 4A 1PC	2A 1PC 4A 1PC
Contact tip	Φ0.8 1PC Φ1.0 1PC	Φ0.8 1PC Φ1.0 1PC	Φ0.8 1PC Φ1.0 1PC	Φ0.8 1PC Φ1.0 1PC
Gas regulator	1PC	------	------	------
Gas regulator connecter	------	1PC	1PC	1PC
Air tube	1PC	1PC	1PC	1PC
Chain	1PC	1PC	1PC	1PC
Tray	1PC	------	------	------
Anti–blocking agent	1PC	1PC	1PC	1PC



Welding with less spatters



Universal european connector



PET hot press formed control panel, digital control system and user friendly design, simple structure and convenient operation.



Complete with a two–roll dual drive wire feeder

RAL 1023 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012 FY9513 FY9512

PORTABLE MIG WELDING MACHINE

FY-3180A



NEW



Features

※With an advanced integrated circuit, functional modules and the new technology of high–performance switching for convenient adjustments, this unit is easy to learn how to use.
※Independent development of mature technology, high reliability, easy operation and high efficiency.
※The microprocessor control system optimizes the welding parameters. Using advanced digital control technology and user friendly design, all you have to do is select the welding current to achieve the best welding results.
※Voltage auto detect function.
※Multi–bridge rectifier.
※Complete with a VPOWER wire feeder.
※Practical, reliable and advanced technology.
※With HUA curved silicon steel sheet and energy efficient main transformer.
※With DELIXI, OMRON and Panasonic high quality relays.
※Taiwan TIANWEI switch.
※Switch with gun testing function.
※With the world famous EMIR brand welding gun.
※Complete with tool box and anti–blocking agent.

技术参数 Technical Data	FY–3180A
Input Voltage ±15%	220V 50/60Hz 1–ph
KVA Rated input power	4.3KVA
A Rated input current	18A
A Min–Max	25A/15V–180A/23V
Duty cycle	45%
No-load voltage	10–35V
Insulation grade	F
	Φ0.6–1.0mm
	L:3m Φ0.6–1.0mm
Reg	4
cm	38x85x89cm
kg	Main machine 37kg Tool 28kg



Welding with less spatters



Advanced international digital control technology and user friendly design,compact size and portable.

Practical Tool Trolley (optional)



Professional welding trolley specially designed for welding, approvedby a number of repair workshops

RAL 1023 RAL 7040 RAL 7045 RAL 5009 RAL 6017 RAL 3000 RAL 7012 FY9513 FY9512

ENERGY-EFFICIENT

ARGON ARC WELDING CENTER TIG



Features

※IGBT inverter technology.
※Compact size, light weight, high efficiency and energy saving.
※ABS plastic enclosure with excellent insulation performance and corrosion resistance.
※HF arc starting, ignition reliable, arc force adjustable.
※Stable arc, little spatter.
※Good welding quality, deep welding penetration, high strength.
※Overcurrent and overvoltage protection.
※Long weld times available, stable performance, voltage auto compensation function.
※Suitable for welding all kinds of acid and basic electrodes.
※Support down hill direction welding with cellulose electrode.
※TIG/MMA available.
※Built-in over current and overheat protections offer extreme reliability andsafety



Portable, convenient and durable



Original TIG welding gun

Technical Data	WS-200S
Input voltage ±15%	220V50/60Hz 1-ph
Rated input power	4.5KVA
Rate input power	16A
No-load voltage	54V
Output current range	15-123A
Rated output voltage	17.2V
Duty cycle	35%
Protection grade	IP23
Arc starting	HF
Welding thickness	0.3-5mm
Overall dimension	410x165x250mm
Weight	7.5kg

INVERTER AIR PLASMA CUTTER



Features

※IGBT inverter technology.
※Compact size, light weight, high efficiency and energy saving.
※ABS plastic enclosure with excellent insulation performance and corrosion resistance.
※Cutting speed is much faster than oxyfuel cutting by up to 1.8 times.
※Thick metal plate can be cut easily, quickly and economically.
※Suitable for cutting stainless steel, copper, carbon steel, aluminium etc.
※Simple operation, smooth cutting surface.
※HF arc starting with contact.
※Built-in over current and overheat protections offer extreme reliability andsafety



Portable, convenient and durable



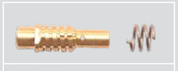
Original special cutting torch

Technical Data	LGK-40
Input voltage ±15%	220V 50/60Hz 1-ph
Rate input power	16A
No-load voltage	230V
Output current range	15-40A
Rated output voltage	94V
Duty cycle	35%
Insulation grade	B
Protection grade	IP23
Arc starting	Contact
Gas flow	0.17 m^3/min
No-load loss	60W
Max cutting thickness	12mm
Overall dimension	410x165x260mm
Weight	8kg

MIG WELDER ACCESSORIES

No.C007





No.C018

No.C020

No.C010

No.C008

No.C004



No.C012 24AK



No.C012 15AK



No.C004	Contact tip
No.C007	Welding gun
No.C008	Connecting rod
No.C010	Front adaptor
No.C012	Shield cup
No.C018	15AK gooseneck
No.C020	24AK gooseneck
No.C022	Anti-blocking agents



NO.C022

Welding Mask NO.C044

Viewing Area: 98 × 43mm (3.86" × 1.69")
UV/IR Protection: Up To Shade DIN16 at all time
Light State: Shade DIN3 (S777),Shade DIN4 (S777a)
Variable Shade: From DIN9 to DIN 12 (S777)
From DIN9 to DIN 13 (S777a)
Power Supply: Solar cells, no battery change required
Power On/Off: Fully Automatic
Sensitiy: Outside can be continued adjustable
Function: "WELDING"/"GRINDING" can be selective
Switching time:
a).Light to Dark: 1/30000s(0.000033sec),(–5℃, 0.0008sec)
b).Dark to Light:0.25~0.8s(short—middle—long),
Operating Temperature:–5℃to +55℃ (23 to 131)
Storing Temperature:–20℃~+70℃ (–4 to 158)
Helmet Material: High–impact resistant plastic/ Polymide (Nylon)
Total Weight: 435g–450g

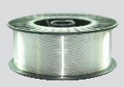


	Current	Welding gun	L		
Multi functional welding gun	350–500A	36AK	5m	Φ1.0-1.2mm	Φ0.8-1.6mm
	300–500A	24AK	3m	Φ0.8-1.2mm	Φ0.6–1.2mm
	200–300A	15AK	3m	Φ0.6-0.8mm	Φ0.6–1.2mm
Aluminum welding gun	200–350A	15AK	1.5m	Φ1.0mm	Φ0.6–1.2mm
Wire drawing gun	200–350A	——	——	Φ0.6–1.2mm	Φ0.6–1.2mm

Spool gun NO. C034



Aluminium alloy wire



NO.C035
Ø0.8、Ø1.0、Ø1.2mm

Steel wire

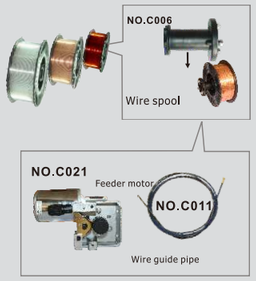


NO.C036
Ø0.6、Ø0.8、Ø1.0、
Ø1.2、Ø1.6mm

Copper alloy wire

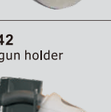


NO.C037
Ø0.6、Ø0.8、Ø1.0、
Ø1.2、Ø1.6mm



SUGGESTIONS FOR WIRE & GAS SETTINGS	Ar+CO₂			CO₂		Ar+CO₂		Ar+CO₂		
	Alu			Fe		Cu		Alloy		
	WIRE DIAMETER									
t / 100%	0.6	0.8	1.0	0.8	1.0	0.8	1.0	0.6	0.8	1.0
6/10"	100	100	_	90	90	90	90	100	100	_
8/10"	120	120	_	100	100	100	100	120	120	_
10/10"	130	120	130	110	110	110	110	130	130	130
2mm	150	150	150	140	140	140	140	150	150	150
4mm	–	180	180	180	180	180	180	–	180	180
6mm	–	200	200	200	200	200	200	–	200	200

NO.C043
Wire roller



NO.C042
Welding gun holder



Welding Mask NO.C031



Viewing Area: 92 × 41mm
Sensitivity: Adjustable
Shade Range: DIN4/9–13
Ultraviolet Protection: < 0.0001% (313–365nm)
Power Supply: Solar with rechargeable battery
Operating Temperature: –10℃~65℃

Welding Mask NO.C032



Viewing Area: 100 × 83mm
Sensitivity: Adjustable
Shade Range: DIN4/9–13
Ultraviolet Protection: < 0.0001% (313–365nm)
Power Supply: Solar with rechargeable battery
Operating Temperature: –5℃~55℃

MIG WELDER ACCESSORIES

NO.C046
Welding apron



NO.C047
Welding shin and feet protectors



NO.C048
Welding glasses



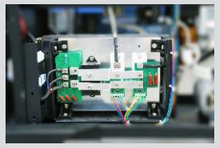
NO.C048
Dust mask



NO.C049
Welding gloves



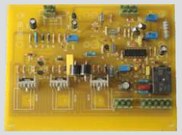
NO.C052
IGBT Inverter Power Supply



NO.C050
IGBT Control Panel



NO.C030
Circuit board



NO.C026
Digital display



Adjustment switch	European connector	Trigger potentiometer	Fuse socket	Capacitor
NO.C002	NO.C003	NO.C013	NO.C014	NO.C016
				

Electromagnetic valve	Feeder potentiometer	Control transformer	Flange	Quick coupling socket
NO.C017	NO.C019	NO.C023	NO.C024	NO.C025
				

Gas regulator	Chain	Output cable	Fan	Caster	Wheel	Rectifier
NO.C001	NO.C015	NO.C005	NO.C009	NO.C027	NO.C028	NO.C051
						

FY-TECH

Note book

Note book

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