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HANGZHOU FUYI TOOLS CO.,LTD

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Company Profile

Hangzhou Fuyi Tools Co.,Ltd is a manufacturer who professionally produce portable socket fusion welding machines , electrofusion welding machines , bench socket fusion welding machines , all kinds sockets and special tools for PPR/HDPE pipes and fittings.

Stable temperature control system is favored by more and more customers.

The products sell good in European , Russia, American , Mexico , Chile , Southeast Asia etc.

Full range size socket fusion welding machines and different design help you meet different customer's demand.

There are two series socket fusion welding machine in FUYI TOOLS. One is constant temperature socket fusion welding machine , the other is digital socket fusion welding machine.

Constant temperature socket fusion welding machine special designing for PPR pipes and fittings. The fusion point of PPR pipes and fittings is 260℃. So the fixed temperature in the machine is 260℃ . It's suitable for PP-R pipes and fittings. The item with FYF series.

Digital socket fusion welding machine that the temperature can display on screen , at the same time you can according to different pipe materials to adjust the temperature by yourself. It's suitable for joining a variety of thermoplastic pipes and fittings for different applications in the industry. The digital socket welding machine can weld HDPE , PP-R, PB etc. The item with FYD series.
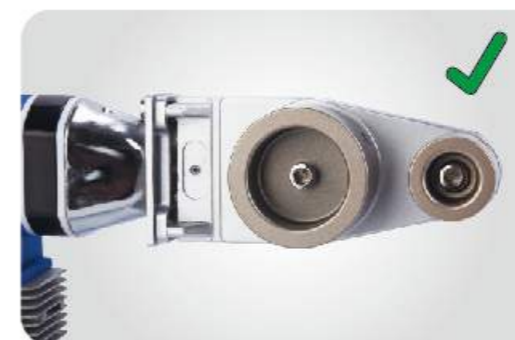
Contents

Fusion Welding Machine

Q: What's the fusion welding machine ?
A: Fusion welding machine is the simplest and fastest method of connecting PPR PE etc plastic pipes and fittings.
Q: How to use fusion welding machine ?

Push the pipe and the fitting simultaneously into the heating tools of the corresponding size in accordance with working conditions as following (Table 1) . After the heating , pull out the pipe and the fittings , and joint them immediately. Push the pipe without any rotation until it reaches the marked welding depth. During the jointing time the welded pipe and fitting have to remain fixed. The outer fusion seam must be inspected. After the joint is completely cooled, the connection is ready for use. Never use water cool the fusion welding machine.

Table 1.Welding time and welding depth at air temperature 20°C

External Diameter (mm)	Melting Depth (mm)		Heating Time (s)	Processing Time (s)	Cooling Time (min)
	A	B			
16	14.5	16.0	4	4	2
20	14.5	15.5	5	4	2
25	15.0	16.5	7	4	2
32	16.5	18.5	8	6	4
40	17.9	17.9	12	6	4
50	19.8	19.8	18	6	4
63	23.8	23.8	24	8	6
75	25.8	27.8	30	8	8
90	28.7	30.7	40	8	8
110	32.3	36.3	50	10	8
125	38.0	38.0	60	10	8
140	40.0	40.0	90	15	15
160	50.0	50.0	120	15	20

Note: If the surrounding temperature is lower than 5°C,
the heating time should be extended 50%.

Other Factories   **Fuyi Tools**

Why other suppliers are abandoned ?

1.PVC Wire , at the same time it's short.

2.The sockets are thin. Recycled aluminum.

   The sockets coating easy to peel off.

3.on-off button

4.Short heating plate

5.The heating plate is too thin lead to cool down quickly.

The surface heating plate polished surfaces. Polished surfaces always not flat lead to the sockets temperature uneven.

6.Poor radiator cause burns

7.Cann't sense the ambient temperature. The temperature of sockets are cooled down immediately affect by external environment such as (wind, rain). The temperature cann't reach setting temperature again.

8.Thin metal case.

Why Choose FUYI TOOLS ?

1.Long rubber jacket power cord with VDE. Refused to leakage and short circuit.

2.Thickness sockets with DAIKIN Teflon coating.

New ADC12 Aluminum

3.The temperature indicate on the digital display screen.

4.Longer heating plate.

5.Thicker heating plate.

6.The welding machine with one radiator and 3pcs heat filter easy to cool down after long times working.

7.Intelligent sensing of ambient temperature. The temperature of sockets are cooled down affect by external environment such as (wind, rain). FUYI TOOLS fusion welding machines with premium quality intelligent control system can reach the setting temperature soon.

8.Thick steel box

9.More comfortable nylon handles.

Digital temperature display fusion instruction

1, Setting temperature
Choose suitable pipe and fitting, set the suitable temperature before fusion.

2, Cutting the pipe
Cutting the necessary pipe length with the plastic pipe cutter.

3, Clearing the pipe
Clearing the fusion surface of pipe with alcohol.

4, Measuring fusion depth
Fusion depth in the pad from 16mm to 160mm. You can mark or draw the line by hole in pad.

5, Heating
Insert the pipe and fitting horizontally into the sockets. Heating time reference to table 1.

6, Connecting and cooling
Connect the heated pipe and fitting exactly and adjustment finish in 5s.

FYD40

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R, PE,PB,PVDF pipes and fittings.

OPTIONAL TABLE MOUNTING CLAMP

FYD40-1

Double Color Handles Nylon And TPE Material, More Soft And Comfortable Double color handles can be option

Technical Data	FYD40
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	600W
Working Temp:	220°C-260°C
Temp.Tolerance:	≤2°C(professional test method)
Warning Temp:	set temperature +20°C
Environment Temperature:	-5°C-45°C
Working Range Φ mm:	20,25,32,40
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	5.05KGS
PCS/Carton:	4PCS
N.W/Cartons:	17.30KGS
G.W/Cartons:	18.30KGS
Cartons Size:	49x43.5x20CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

Sockets D20、D25、D32、D40

FYD63

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R, PE,PB,PVDF pipes and fittings.

FYD63-1

OPTIONAL TABLE MOUNTING CLAMP

Double Color Handles Nylon And TPE Material, More Soft And Comfortable Double color handles can be option

Technical Data	FYD63
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	800W
Working Temp:	220℃-260℃
Temp.Tolerance:	≤2℃(professional test method)
Warning Temp:	set temperature +20℃
Environment Temperature:	-5℃-45℃
Working Range Φ mm:	20,25,32,40 ,50,63
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	7.96KGS
PCS/Carton:	2PCS
N.W/Cartons:	15.92KGS
G.W/Cartons:	17.92KGS
Cartons Size:	46.0x26.5x26.5CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

Sockets D20、D25、D32、D40、D50、D63

FYD110

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R, PE,PB,PVDF pipes and fittings.

Double color handles can be option

FYD110-1

OPTIONAL TABLE MOUNTING CLAMP

Technical Data	FYD110
Rated Voltage:	110V/220V
Rated Frequency:	50Hz/60Hz
Rated Power:	1200W
Working Temp:	220℃-260℃
Temp.Tolerance:	≤2℃(professional test method)
Warning Temp:	set temperature +20℃
Environment Temperature:	-5℃-45℃
Working Range Φ mm:	75, 90, 110
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	10.78KGS
PCS/Carton:	2PCS
N.W/Cartons:	19.5KGS
G.W/Cartons:	21.5KGS
Cartons Size:	46.0x26.5x26.5CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

1PC Reinforced Nylon Wrench (Optional)

Sockets D75、D90、 D110

FYD160

Heater plate coating
with teflon.
It can be butt fusion
directly and socket fusion.

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R,
PE,PB,PVDF pipes and fittings.

OPTIONAL TABLE MOUNTING CLAMP

Double color handles can be option

FYD160-1

Technical Data	FYD160
Rated Voltage:	110V/220V
Rated Frequency:	50Hz/60Hz
Rated Power:	1800W
Working Temp:	220℃-260℃
Temp.Tolerance:	≤2℃(professional test method)
Warning Temp:	set temperature +20℃
Environment Temperature:	-5℃-45℃
Working Range Φ mm:	16-160MM
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	7.20KGS
PCS/Carton:	2PCS
N.W/Cartons:	14.4KGS
G.W/Cartons:	15.4KGS
Cartons Size:	52X26X13CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

1PC Reinforced Nylon Wrench (Optional)

Sockets D20、D25、D32、D40、D50、D63、D75、
D90、D110、D125、D140、D160 (Optional)

FYD200

Heater plate coating with teflon.
It can be butt fusion directly and socket fusion.

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R, PE,PB,PVDF pipes and fittings.

Double color handles can be option

FYD200-1

OPTIONAL TABLE MOUNTING CLAMP

Technical Data	
Rated Voltage:	110V/220V
Rated Frequency:	50Hz/60Hz
Rated Power:	
Working Temp:	220°C260°C
Temp.Tolerance:	≤2°C (professional test method)
Warning Temp:	set temperature +20°C
Environment Temperature:	-5°C-45°C
Working Range Φ mm:	
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	
PCS/Carton:	2PCS
N.W/Cartons:	
G.W/Cartons:	15.0KGS
Cartons Size:	16.0KGS

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

1PC Reinforced Nylon Wrench (Optional)

Sockets D20、D25、D32、D40、D50、D63、D75、D90、D110、D125、D140、D160 (Optional)

FYDTC32

Technical Data	FYDTC32
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	600W
Working Temp:	220°C-260°C
Temp.Tolerance:	≤2°C(professional test method)
Warning Temp:	set temperature +20°C
Environment Temperature:	-5°C-45°C
Working Range Φ mm:	20,25,32,40
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	5.05KGS
PCS/Carton:	4PCS
N.W/Cartons:	17.5 KGS
G.W/Cartons:	18.5 KGS
Cartons Size:	49x43.5x20CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

Sockets D20、D25、D32、D40

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R, PE,PB,PVDF pipes and fittings.

KEY FEATURES

- 1.You can according to different pipe material to adjust the corresponding temperature, the temperature indicate on the digital display screen. Increased flexibility and combination options for every day use.
- 2.Electronic intelligent control system , it can realize automatic temperature compensation.
- 3.Sockets with high quality PTFE coating , for longer lifetime and great fusion effect.
- 4.Reinforced nylon handles , it's more comfortable.
- 5.Heating interval signal lights.
- 6.Two kinds removable supporting stand is available at all times.
- 7.A set of dedicated wrench convenient to use and carry.
- 8.Thickened steel box , it will not broken after long time used.
- 9.In case the intelligent control device failure,there is the warning temperature.The warning temperature is based on setting temperature plus 30°C.When it happen,the heating panel will stop heating.(For example,if your setting temperature is 260°C, the warning temperature is 290°C) .

FYDTC63

Technical Data	FYDTC63
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	800W
Working Temp:	220℃-260℃
Temp.Tolerance:	≤2℃(professional test method)
Warning Temp:	set temperature +20℃
Environment Temperature:	-5℃-45℃
Working Range Φ mm:	20,25,32,40 ,50,63
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	7.96KGS
PCS/Carton:	2PCS
N.W/Cartons:	15.92KGS
G.W/Cartons:	17.92KGS
Cartons Size:	46.0x26.5x26.5CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

Sockets D20、D25、D32、D40、D50、D63

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R, PE,PB,PVDF pipes and fittings.

KEY FEATURES

- 1.You can according to different pipe material to adjust the corresponding temperature, the temperature indicate on the digital display screen. Increased flexibility and combination options for every day use.
- 2.Electronic intelligent control system , it can realize automatic temperature compensation.
- 3.Sockets with high quality PTFE coating , for longer lifetime and great fusion effect.
- 4.Reinforced nylon handles , it's more comfortable.
- 5.Heating interval signal lights.
- 6.Two kinds removable supporting stand is available at all times.
- 7.A set of dedicated wrench convenient to use and carry.
- 8.Thickened steel box , it will not broken after long time used.
- 9.In case the intelligent control device failure,there is the warning temperature.The warning temperature is based on setting temperature plus 30℃.When it happen,the heating panel will stop heating.(For example,if your setting temperature is 260℃, the warning temperature is 290℃) .

FYDTC110

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R, PE,PB,PVDF pipes and fittings.

KEY FEATURES

- 1.You can according to different pipe material to adjust the corresponding temperature, the temperature indicate on the digital display screen. Increased flexibility and combination options for every day use.
- 2.Electronic intelligent control system , it can realize automatic temperature compensation.
- 3.Sockets with high quality PTFE coating , for longer lifetime and great fusion effect.
- 4.Reinforced nylon handles , it's more comfortable.
- 5.Heating interval signal lights.
- 6.Two kinds removable supporting stand is available at all times.
- 7.A set of dedicated wrench convenient to use and carry.
- 8.Thickened steel box , it will not broken after long time used.
- 9.In case the intelligent control device failure,there is the warning temperature.The warning temperature is based on setting temperature plus 30°C.When it happen,the heating panel will stop heating.(For example,if your setting temperature is 260°C, the warning temperature is 290°C) .

Technical Data	FYDTC110
Rated Voltage:	110V/220V
Rated Frequency:	50Hz/60Hz
Rated Power:	1200W
Working Temp:	220°C-260°C
Temp.Tolerance:	≤2°C(professional test method)
Warning Temp:	set temperature +20°C
Environment Temperature:	-5°C-45°C
Working Range Φ mm:	75, 90, 110
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	10.78KGS
PCS/Carton:	2PCS
N.W/Cartons:	19.5KGS
G.W/Cartons:	21.5KGS
Cartons Size:	46.0x26.5x26.5CM

Including the following accessories

1PC Fusion Welding Machine
1PC Floor Stand
1PC Metal Case
1PC Bag of Bolts and Hex Key Wrench
1PC Table Mounting Clamp (Optional)
1PC Reinforced Nylon Wrench (Optional)
Sockets D75、D90、D110

FYDTC160

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R, PE,PB,PVDF pipes and fittings.

KEY FEATURES

- 1.You can according to different pipe material to adjust the corresponding temperature, the temperature indicate on the digital display screen. Increased flexibility and combination options for every day use.
- 2.Electronic intelligent control system , it can realize automatic temperature compensation.
- 3.Sockets with high quality PTFE coating , for longer lifetime and great fusion effect.
- 4.Reinforced nylon handles , it's more comfortable.
- 5.Heating interval signal lights.
- 6.Two kinds removable supporting stand is available at all times.
- 7.A set of dedicated wrench convenient to use and carry.
- 8.Thickened steel box , it will not broken after long time used.
- 9.In case the intelligent control device failure,there is the warning temperature.The warning temperature is based on setting temperature plus 30°C.When it happen,the heating panel will stop heating.(For example,if your setting temperature is 260°C, the warning temperature is 290°C) .

Technical Data	FYDTC160
Rated Voltage:	110V/220V
Rated Frequency:	50Hz/60Hz
Rated Power:	1800W
Working Temp:	220°C-260°C
Temp.Tolerance:	≤2°C(professional test method)
Warning Temp:	set temperature +20°C
Environment Temperature:	-5°C-45°C
Working Range Φ mm:	16-160MM
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	7.20KGS
PCS/Carton:	2PCS
N.W/Cartons:	14.4KGS
G.W/Cartons:	15.4KGS
Cartons Size:	52X26X13CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

1PC Reinforced Nylon Wrench (Optional)

Sockets D20、D25、D32、D40、D50、D63、D75、D90、D110、D125、D140、D160 (Optional)

FYDBY32

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R, PE,PB,PVDF pipes and fittings.

Double Color Handles Nylon And TPE Material, More Soft And Comfortable
Double color handles can be option

FYDBY32-1

OPTIONAL TABLE MOUNTING CLAMP

Technical Data	FYDBY32
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	600W
Working Temp:	220℃-260℃
Temp.Tolerance:	≤2℃(professional test method)
Warning Temp:	set temperature +20℃
Environment Temperature:	-5℃-45℃
Working Range Φ mm:	20,25,32,40
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	5.05KGS
PCS/Carton:	4PCS
N.W/Cartons:	16.00KGS
G.W/Cartons:	17.0KGS
Cartons Size:	49.0x43.5x 20CM

Including the following accessories

1PC Fusion Welding Machine
1PC Floor Stand
1PC Metal Case
1PC Bag of Bolts and Hex Key Wrench
1PC Table Mounting Clamp (Optional)
Sockets D20、D25、D32

FYDBY63

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R, PE,PB,PVDF pipes and fittings.

Double Color Handles Nylon And TPE Material, More Soft And Comfortable
Double color handles can be option

FYDBY63-1

OPTIONAL TABLE MOUNTING CLAMP

Technical Data	FYDBY63
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	800W
Working Temp:	220℃-260℃
Temp.Tolerance:	≤2℃(professional test method)
Warning Temp:	set temperature +20℃
Environment Temperature:	-5℃-45℃
Working Range Φ mm:	20,25,32,40 ,50,63
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	7.96KGS
PCS/Carton:	4PCS
N.W/Cartons:	23.50KGS
G.W/Cartons:	24.50KGS
Cartons Size:	49x43.5x20CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

Sockets D20、D25、D32、D40、D50、D63

FYDLL32

OPTIONAL TABLE MOUNTING CLAMP

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R, PE,PB,PVDF pipes and fittings.

KEY FEATURES

- 1.You can according to different pipe material to adjust the corresponding temperature, the temperature indicate on the digital display screen. Increased flexibility and combination options for every day use.
- 2.Electronic intelligent control system , it can realize automatic temperature compensation.
- 3.Sockets with high quality PTFE coating , for longer lifetime and great fusion effect.
- 4.Reinforced nylon handles , it's more comfortable.
- 5.Heating interval signal lights.
- 6.Two kinds removable supporting stand is available at all times.
- 7.A set of dedicated wrench convenient to use and carry.
- 8.Thickened steel box , it will not broken after long time used.
- 9.In case the intelligent control device failure,there is the warning temperature.The warning temperature is based on setting temperature plus 30°C.When it happen,the heating panel will stop heating.(For example,if your setting temperature is 260°C, the warning temperature is 290°C) .

Technical Data	FYDLL32
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	600W
Working Temp:	220°C-260°C
Temp.Tolerance:	≤2°C(professional test method)
Warning Temp:	set temperature +20°C
Environment Temperature:	-5°C-45°C
Working Range Φ mm:	20,25,32,40
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	5.05KGS
PCS/Carton:	2PCS
N.W/Cartons:	10.10KGS
G.W/Cartons:	12.10KGS
Cartons Size:	44.0x25.5x19.0CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

Sockets D20、D25、D32

FYDLL63

Technical Data	FYDLL63
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	800W
Working Temp:	220°C-260°C
Temp.Tolerance:	≤2°C(professional test method)
Warning Temp:	set temperature +20°C
Environment Temperature:	-5°C-45°C
Working Range Φ mm:	20,25,32,40 ,50,63
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	7.96KGS
PCS/Carton:	2PCS
N.W/Cartons:	15.92KGS
G.W/Cartons:	17.92KGS
Cartons Size:	46.0x26.5x26.5CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

Sockets D20、 D25、 D32、 D40、 D50、 D63

OPTIONAL TABLE MOUNTING CLAMP

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R, PE,PB,PVDF pipes and fittings.

KEY FEATURES

- 1.You can according to different pipe material to adjust the corresponding temperature, the temperature indicate on the digital display screen. Increased flexibility and combination options for every day use.
- 2.Electronic intelligent control system , it can realize automatic temperature compensation.
- 3.Sockets with high quality PTFE coating , for longer lifetime and great fusion effect.
- 4.Reinforced nylon handles , it's more comfortable.
- 5.Heating interval signal lights.
- 6.Two kinds removable supporting stand is available at all times.
- 7.A set of dedicated wrench convenient to use and carry.
- 8.Thickened steel box , it will not broken after long time used.
- 9.In case the intelligent control device failure,there is the warning temperature.The warning temperature is based on setting temperature plus 30°C.When it happen,the heating panel will stop heating.(For example,if your setting temperature is 260°C, the warning temperature is 290°C) .

FYDLL110

Technical Data	FYDLL110
Rated Voltage:	110V/220V
Rated Frequency:	50Hz/60Hz
Rated Power:	1200W
Working Temp:	220℃-260℃
Temp.Tolerance:	≤2℃(professional test method)
Warning Temp:	set temperature +20℃
Environment Temperature:	-5℃-45℃
Working Range Φ mm:	75, 90, 110
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	10.78KGS
PCS/Carton:	2PCS
N.W/Cartons:	19.5KGS
G.W/Cartons:	21.5KGS
Cartons Size:	46.0x26.5x26.5CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

1PC Reinforced Nylon Wrench (Optional)

Sockets D75、D90、D110

OPTIONAL TABLE MOUNTING CLAMP

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R, PE,PB,PVDF pipes and fittings.

KEY FEATURES

- 1.You can according to different pipe material to adjust the corresponding temperature, the temperature indicate on the digital display screen. Increased flexibility and combination options for every day use.
- 2.Electronic intelligent control system , it can realize automatic temperature compensation.
- 3.Sockets with high quality PTFE coating , for longer lifetime and great fusion effect.
- 4.Reinforced nylon handles , it's more comfortable.
- 5.Heating interval signal lights.
- 6.Two kinds removable supporting stand is available at all times.
- 7.A set of dedicated wrench convenient to use and carry.
- 8.Thickened steel box , it will not broken after long time used.
- 9.In case the intelligent control device failure,there is the warning temperature.The warning temperature is based on setting temperature plus 30℃.When it happen,the heating panel will stop heating.(For example,if your setting temperature is 260℃, the warning temperature is 290℃) .

FYDTB32

Technical Data	FYDTB32
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	700W
Working Temp:	220°C-260°C
Temp.Tolerance:	≤2°C(professional test method)
Warning Temp:	set temperature +20°C
Environment Temperature:	-5°C-45°C
Working Range Φ mm:	20,25,32
Suit Material :	PP-R/PB/PE/PVDF
Net Weight(Set):	4.0KGS
PCS/Carton:	4PCS
N.W/Cartons:	16.0KGS
G.W/Cartons:	17.0KGS
Cartons Size:	44.0x25.5x19.0CM

Including the following accessories

1PC Fusion Welding Machine	
1PC Floor Stand	
1PC Metal Case	
1PC Bag of Bolts and Hex Key Wrench	
Sockets D20、 D25、 D32	

APPLICATION AREA

Digital socket fusion tools are used for connecting PP-R, PE,PB,PVDF pipes and fittings.

KEY FEATURES

- 1.You can according to different pipe material to adjust the corresponding temperature, the temperature indicate on the digital display screen. Increased flexibility and combination options for every day use.
- 2.Electronic intelligent control system , it can realize automatic temperature compensation.
- 3.Sockets with high quality PTFE coating , for longer lifetime and great fusion effect.
- 4.Reinforced nylon handles , it's more comfortable.
- 5.Heating interval signal lights.
- 6.A set of dedicated wrench convenient to use and carry.
- 7.Thickened steel box , it will not broken after long time used.
- 8.In case the intelligent control device failure,there is the warning temperature.The warning temperature is based on setting temperature plus 30°C.When it happen,the heating panel will stop heating.(For example,if your setting temperature is 260°C, the warning temperature is 290°C) .

FYDCX32

New Design

Technical Data	FYDCX32
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	600W
Temp.Tolerance:	≤2℃
Warning Temp:	290℃
Environment Temperature:	-5℃ -45℃
Working Range Φ mm:	20,25,32 mm
Suit Material :	PP-R /PB/PE/PVDF
PCS/Carton:	4PCS
N.W/Carton:	19KGS
G.W/Carton:	20KGS
Carton Size:	41x34x20CM
Including the following accessories	
1PC Fusion Welding Machine	
1PC Floor Stand	
1PC Metal Case	
2PCS Screw	
3PCS Sockets D20.D25 .D32	

Fixed Temperature Fusion Welding Machine

FUYI TOOLS

Fixed Temperature Fusion Welding Instruction

1, Preparation
Choose suitable machine , sockets, pipe and fitting. Prepare cutter, marking pen, tape measure , a piece of fabric or napkin.

2, Cutting the pipe
Cutting the necessary pipe length with the plastic pipe cutter.

3, Clearing the pipe
Clearing the fusion surface of pipe with alcohol.

4, Measuring fusion depth
Fusion depth in the pad from 16mm to 160mm. You can mark or draw the line by hole in pad.

5, Heating
Insert the pipe and fitting horizontally into the sockets. Heating time reference to table 1.

6, Connecting and cooling
Connect the heated pipe and fitting exactly and adjustment finish in 5s.

FYF40

APPLICATION AREA

Fixed temperature fusion tools are used for connecting PP-R pipes and fittings.

Double Color Handles Nylon And TPE Material, More Soft And Comfortable Double color handles can be option

FYF40-1

OPTIONAL TABLE MOUNTING CLAMP

Technical Data	FYF40
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	600W
Working Temp:	260℃
Temp.Tolerance:	≤2℃(professional test method)
Warning Temp:	295℃
Environment Temperature:	-5℃-45℃
Working Range Φ mm:	20,25,32,40
Suit Material :	PP-R
Net Weight(Set):	5.05KGS
PCS/Carton:	4PCS
N.W/Cartons:	17.3KGS
G.W/Cartons:	18.3KGS
Cartons Size:	49x43.5x20CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

Sockets D20、D25、D32、D40

FYF63

APPLICATION AREA

Fixed temperature fusion tools are used for connecting PP-R pipes and fittings.
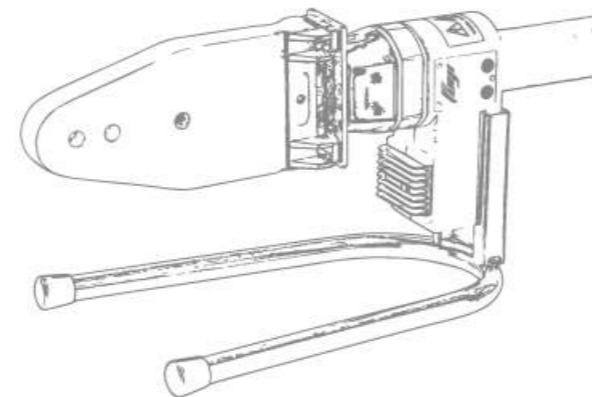
OPTIONAL TABLE MOUNTING CLAMP

Double Color Handles Nylon And TPE Material, More Soft And Comfortable Double color handles can be option

FYF63-1

Technical Data	FYF63
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	800W
Working Temp:	260℃
Temp.Tolerance:	≤2℃(professional test method)
Warning Temp:	295℃
Environment Temperature:	-5℃-45℃
Working Range Φ mm:	20,25,32,40,50,63
Suit Material :	PP-R
Net Weight(Set):	7.96KGS
PCS/Carton:	2PCS
N.W/Cartons:	15.92KGS
G.W/Cartons:	17.92KGS
Cartons Size:	46.0x26.5x26.5CM

Including the following accessories

1PC Fusion Welding Machine
1PC Floor Stand
1PC Metal Case
1PC Bag of Bolts and Hex Key Wrench
1PC Table Mounting Clamp (Optional)
Sockets D20、D25、D32、D40、D50、D63

FYF110

APPLICATION AREA

Fixed temperature fusion tools are used for connecting PP-R pipes and fittings.

OPTIONAL TABLE MOUNTING CLAMP

Double color handles can be option
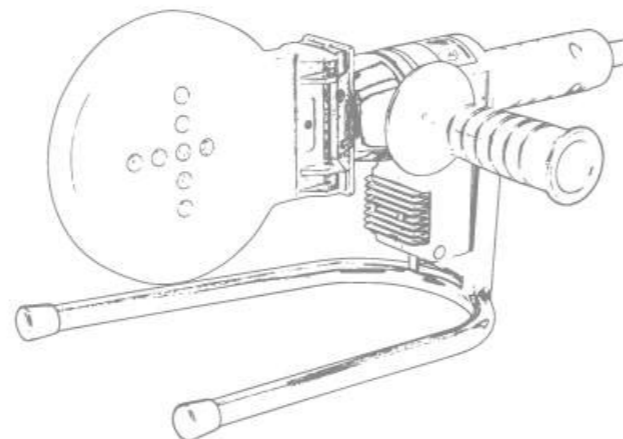
FYF110-1

Technical Data	FYF110
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	1200W
Working Temp:	260℃
Temp.Tolerance:	≤2℃(professional test method)
Warning Temp:	295℃
Environment Temperature:	-5℃-45℃
Working Range Φ mm:	75,90,110
Suit Material :	PP-R
Net Weight(Set):	10.78KGS
PCS/Carton:	2PCS
N.W/Cartons:	19.5KGS
G.W/Cartons:	21.5KGS
Cartons Size:	46.0x26.5x26.5CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

1PC Reinforced Nylon Wrench (Optional)

Sockets D75、D90、D110

FYFBY32

APPLICATION AREA

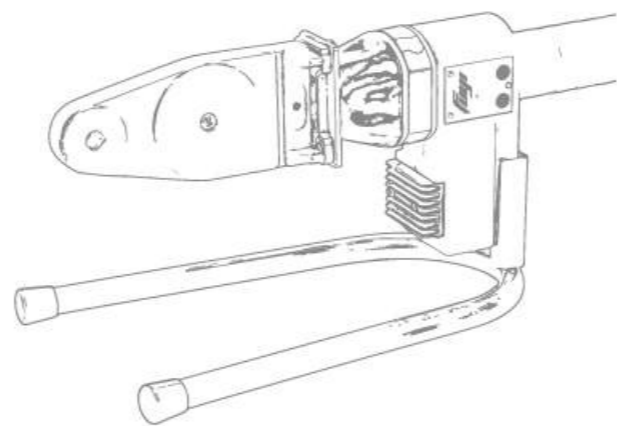Fixed temperature fusion tools are used for connecting PP-R pipes and fittings.

OPTIONAL TABLE MOUNTING CLAMP

Double Color Handles Nylon And TPE Material, More Soft And Comfortable
Double color handles can be option

FYFBY32-1

Technical Data	FYFBY32
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	600W
Working Temp:	260°C
Temp.Tolerance:	≤2°C (professional test method)
Warning Temp:	295°C
Environment Temperature:	-5°C-45°C
Working Range Φ mm:	20,25,32,40
Suit Material :	PP-R
Net Weight(Set):	5.05KGS
PCS/Carton:	4PCS
N.W/Cartons:	16.00KGS
G.W/Cartons:	17.00KGS
Cartons Size:	49x43.5x20CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

Sockets D20、D25、D32

FYFBY63

APPLICATION AREA

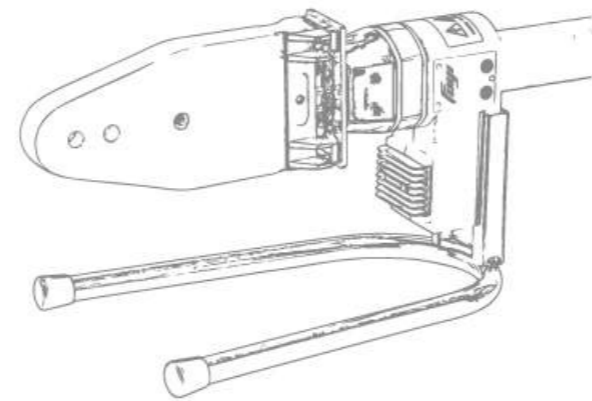Fixed temperature fusion tools are used for connecting PP-R pipes and fittings.

OPTIONAL TABLE MOUNTING CLAMP

Double Color Handles Nylon And TPE Material, More Soft And Comfortable Double color handles can be option

FYFBY63-1

Technical Data	FYFBY63
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	800W
Working Temp:	260°C
Temp.Tolerance:	≤2°C(professional test method)
Warning Temp:	295°C
Environment Temperature:	-5°C-45°C
Working Range Φ mm:	20,25,32,40,50,63
Suit Material :	PP-R
Net Weight(Set):	7.96KGS
PCS/Carton:	4PCS
N.W/Cartons:	23.50KGS
G.W/Cartons:	24.50KGS
Cartons Size:	49x43.5x20CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)
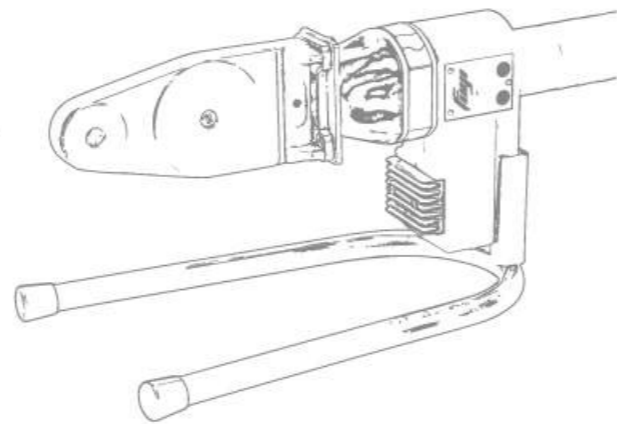
Sockets D20、D25、D32、D40、D50、D63

FYFLL32

Technical Data	FYFLL32
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	600W
Working Temp:	260°C
Temp.Tolerance:	≤2°C(professional test method)
Warning Temp:	295°C
Environment Temperature:	-5°C-45°C
Working Range Φ mm:	20,25,32,40
Suit Material :	PP-R
Net Weight(Set):	5.05KGS
PCS/Carton:	4PCS
N.W/Cartons:	14.50KGS
G.W/Cartons:	15.50KGS
Cartons Size:	44x41x19CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)
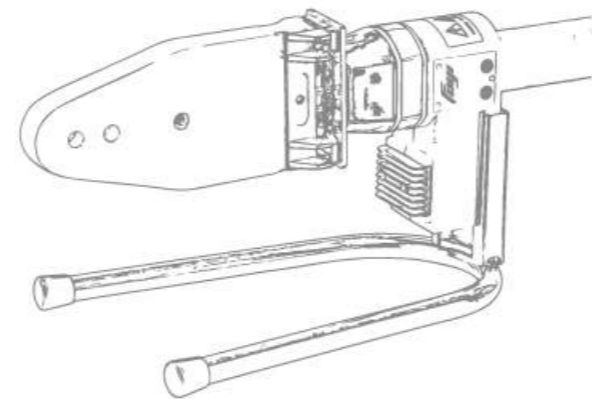
Sockets D20、D25、D32

OPTIONAL TABLE MOUNTING CLAMP

APPLICATION AREA

Fixed temperature fusion tools are used for connecting PP-R pipes and fittings.

KEY FEATURES

- 1.Electronic constant temperature controller and indicating light.
- 2.Sockets with high quality PTFE coating, for longer lifetime and great fusion effect.
- 3.Reinforced nylon handle, it's more comfortable.
- 4.Two kinds removable supporting stand is available at all times.
- 5.Thickened steel box, it will not broke after long time used.

Double Color Handles Nylon And TPE Material, More Soft And Comfortable Double color handles can be option

FYFLL63

Technical Data	FYFLL63
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	800W
Working Temp:	260°C
Temp.Tolerance:	≤2°C(professional test method)
Warning Temp:	295°C
Environment Temperature:	-5°C-45°C
Working Range Φ mm:	20,25,32,40,50,63
Suit Material :	PP-R
Net Weight(Set):	7.96KGS
PCS/Carton:	4PCS
N.W/Cartons:	20.40KGS
G.W/Cartons:	21.40KGS
Cartons Size:	44x41x19CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

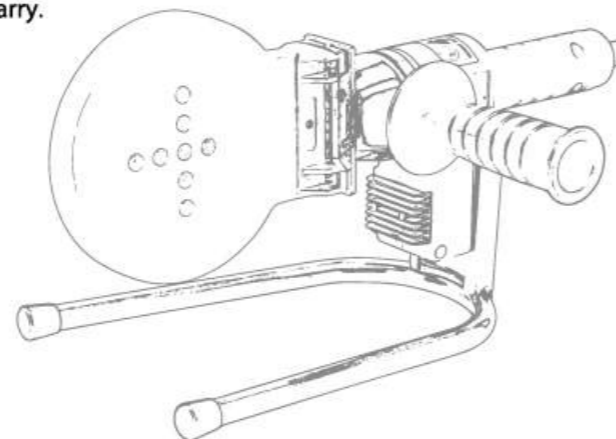Sockets D20、D25、D32、D40、D50、D63

OPTIONAL TABLE MOUNTING CLAMP

APPLICATION AREA

Fixed temperature fusion tools are used for connecting PP-R pipes and fittings.

KEY FEATURES

- 1.Electronic constant temperature controller and indicating light.
- 2.Sockets with high quality PTFE coating, for longer lifetime and great fusion effect.
- 3.Reinforced nylon handle, it's more comfortable.
- 4.Two kinds removable supporting stand is available at all times.
- 5.Thickened steel box, it will not broke after long time used.

Double Color Handles Nylon And TPE
Material, More Soft And Comfortable
Double color handles can be option

FYFLL110

Technical Data	FYFLL110
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	1200W
Working Temp:	260℃
Temp.Tolerance:	≤2℃(professional test method)
Warning Temp:	295℃
Environment Temperature:	-5℃-45℃
Working Range Φ mm:	75,90,110
Suit Material :	PP-R
Net Weight(Set):	10.78KGS
PCS/Carton:	2PCS
N.W/Cartons:	19.5KGS
G.W/Cartons:	21.5KGS
Cartons Size:	46.0x26.5x26.5CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench

1PC Table Mounting Clamp (Optional)

1PC Reinforced Nylon Wrench (Optional)
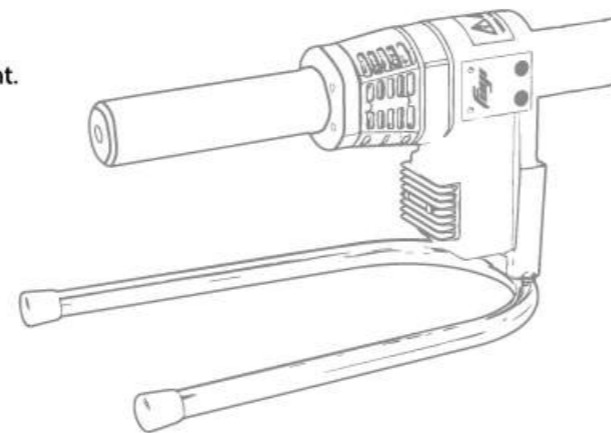
Sockets D75、D90、D110

OPTIONAL TABLE MOUNTING CLAMP

APPLICATION AREA

Fixed temperature fusion tools are used for connecting PP-R pipes and fittings.

KEY FEATURES

- 1.Electronic constant temperature controller and indicating light.
- 2.A set if dedicated nylon wrench, more convenient to use and carry.
- 3.Sockets with high quality PTFE coating, for longer lifetime and great fusion effect.
- 4.Reinforced nylon handle, it's more comfortable.
- 5.Two kinds removable supporting stand is available at all times.
- 6.Thickened steel box, it will not broke after long time used.

Double Color Handles Nylon And TPE Material, More Soft And Comfortable Double color handles can be option

FYFTB32

Technical Data	FYFTB32
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	700W
Working Temp:	260°C
Temp.Tolerance:	≤2°C(professional test method)
Environment Temperature:	-5°C-45°C
Working Range Φ mm:	20,25,32
Suit Material :	PP-R
Net Weight(Set):	4.0KGS
PCS/Carton:	4PCS
N.W/Cartons:	16.0KGS
G.W/Cartons:	17.0KGS
Cartons Size:	44.0x25.5x19.0CM

Including the following accessories

1PC Fusion Welding Machine

1PC Floor Stand

1PC Metal Case

1PC Bag of Bolts and Hex Key Wrench
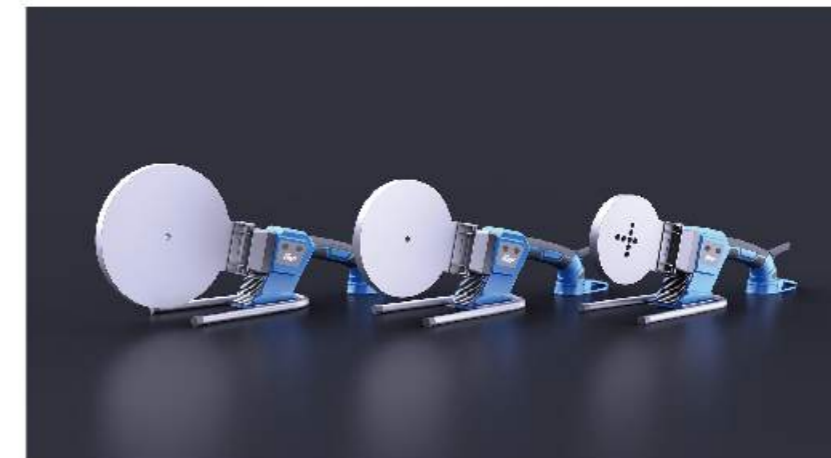
Sockets D20、D25、D32

APPLICATION AREA

Fixed temperature fusion tools are used for connecting PP-R pipes and fittings.

KEY FEATURES

- 1.Electronic constant temperature controller and indicating light.
- 2.Sockets with high quality PTFE coating, for longer lifetime and great fusion effect.
- 3.Reinforced nylon handle, it's more comfortable.
- 4.Thickened steel box, it will not broke after long time used.

Double color handles can be option

FYFCX32

New design

Technical Data	FYFCX32
Rated Voltage:	110V/220V
Rated Frequency:	50/60Hz
Rated Power:	600W
Working Temp:	260 ℃
Temp.Tolerance:	≤2℃
Warning Temp:	290℃
Environment Temperature:	-5℃ -45℃
Working Range Φ mm:	20,25,32 mm
Suit Material :	PP-R
PCS/Carton:	4PCS
N.W/Carton:	19KGS
G.W/Carton:	20KGS
Carton Size:	41x34x20CM
Including the following accessories	
1PC Fusion Welding Machine	
1PC Floor Stand	
1PC Metal Case	
2PCS Screw	
3PCS Sockets D20.D25 .D32	

FYEFM-200

FYEFM-315

1. Welding Connectors
2. Barcode reader
3. Pipe scraper
4. Bag
5. Printer

Technical Data	FYEFM-315
Input Voltage:	AC 200-240
Input Frequency:	50-60Hz
Output Voltage:	10-55V
Output Current:	DC2-60A
Nominal Power:	2500 W
Record Storage :	3200PCS
Weldable Materials:	PP-R/PP/HDPE
Weight:	12.4KGS
Dimensions(WXDXH):	35x32.5x26CM

Electrofusion Pipe Scraper

Rotary Pipe Cutter

There are two size , one is 160-250MM , the other is 225-315MM.

Item ANo.:	Cutting Size(mm)	N.W of each cutter (kg)	Package Type	Carton QTY(PCS)	N.W(KGS)	G.W.(KGS)	MEAS(CM)
FYC-113	160-250	14.3	Aluminum Case	1	14.30	15.30	50*50*20

Item ANo.:	Cutting Size(mm)	N.W of each cutter (kg)	Package Type	Carton QTY(PCS)	N.W(KGS)	G.W.(KGS)	MEAS(CM)
FYC-114	225-315	14.3	Aluminum Case	1	14.30	15.30	50*50*20

- Electrofusion pipe scraper is a professional tool for scraping the pipe surface before electrofusion . That will be inserted into electrical couplers or plug-in joints.

- There are two size , one is 110-200mm , the other is 160-400mm

Scraping Size:	110-200mm
Scraping Size Width:	129mm
Material:	Aluminum
QTY:	2PCS
N.W.:	10.10KGS
G.W.:	11.10KGS
Dimension:	44X31X31CM

Scraping Size:	160-400mm
Scraping Size Width:	150mm
Material:	Aluminum
QTY:	2PCS
O.W.:	16.50KGS
H.W.:	17.5KGS
Dimension:	79X40X40CM

New Design

■ The bench socket fusion welding machines with elevator, it's convenient where you want to work.

Rated Voltage:	110V/220V
Rated Frequency:	50Hz/60Hz
Rated Power:	1800 W
Working Temperature:	220℃ -290 ℃
Warming Temperature:	295℃
Applicable Material:	PP-R/HDPE/PB/PP
Welding Diameter:	32mm -160 mm

Include:

1. 1 workbench with socket fusion welding machine

2. 1 elevator

3. 1 pipe holder

4. Sockets D75,D90,D110,D125,D160

The sockets & spigots package with paper box .

The sockets & spigots package with plasitc box

Metric Size
16mm , 20mm , 25mm, 32mm , 40mm, 50mm , 63mm , 75mm , 90mm, 110mm , 125mm , 140mm , 160 mm

Inch Size
1/2" , 3/4" , 1" , 1-1/4" , 1-1/2" , 2" , 3" , 4"

Repairing Sockets

Item No.: FY-RPS-7
Item No.: FY-RPS-9
Item No.: FY-RPS-11

▲ **Necessary Tools:**
Fusion welding machine, pipe cutter , electric drill , piece of fabric or napkin for degreasing, scoket for repair stick, repair stick with 7mm, 9mm and 11mm diameter ends.

DE11

DE9

DE7

Package with white box

▲ **Pipe Hole Repair Set**
Pipe accidently damaged by drilling , nail or screws, it can be repaired by means of pipe repairing set. It can reduced damage to walls or tiles.

Repairing Steps As Following

1.Check the hole size. Damaged hole must be drilled again, the hole with diameter less than 6mm must be drilled with 6mm drill and the hole with diameter from 6.5mm to 7.5mm must be drilled with 8mm drill. The hole with diameter from 8.5mm to 9.5mm must be drilled with 10mm drill.

2.Clean repair position with the piece of fabric or napkin. The welding surface must clean and dry. Make sure that the water from the pipe is not in direct contact with the repairing area.

3.Choose the right repair stick ,wait the working temperature reach （260°±2℃）. Push the repair stick into the sockets , the special sockets into the pipe. Heat the hole and the stick for 5 seconds.

4.Take out the repair stick and remove the welder from the pipe, insert the heated repair stick into the heated hole without turning. Wait for 15 seconds.

5.When the joint cools down, cut off the rest repair stick ad keep it. The repair stick can be used on next time.
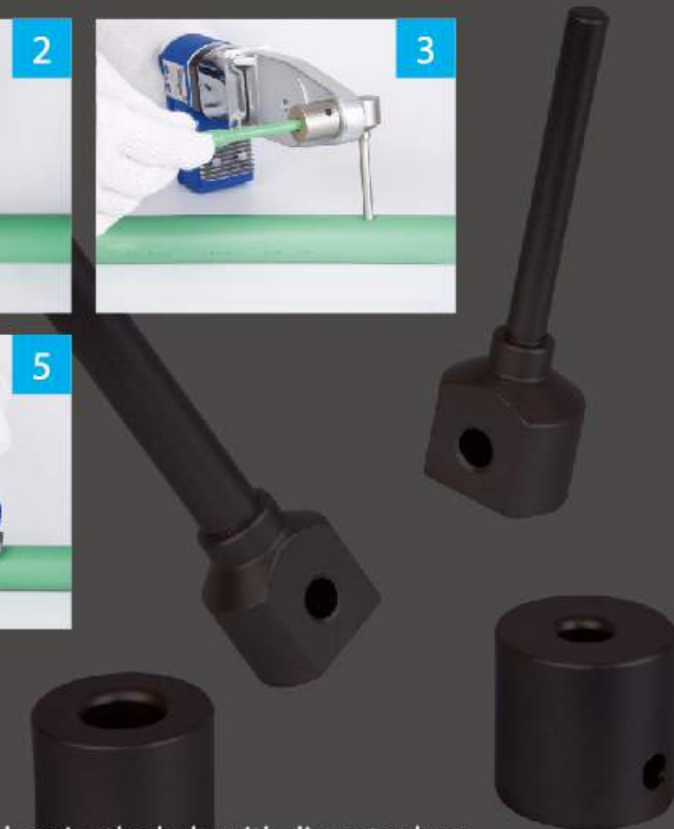
▲
Special drill for perfect drilling of hole in the main pipe to mount weld-in saddles of all types.
It's mainly used on PP-R pipe and HDPE pipe. This is necesssary tool to created the correct hole for making branch on the pipe. Hole saw is a professional tool before saddle welding.
Our hole saw diameter from 20mm to 110mm.

The package of Plastic ▶ Pipe Hole Saw:
Plastic Box as following

Steps For Using This Hole Saw:
1. Choose right hole saw according the diameter of the branch on the main pipe.
2. Fix the hole saw to the electric drill.
3. Drill the hole on the main pipe.
4. Pull the hole saw out and clean the surface of the hole.

Drill bit for weld-in saddles size as following:

20mm	40mm	75mm
25mm	50mm	90mm
32mm	60mm	110mm

Weld-insaddle welding process as following:
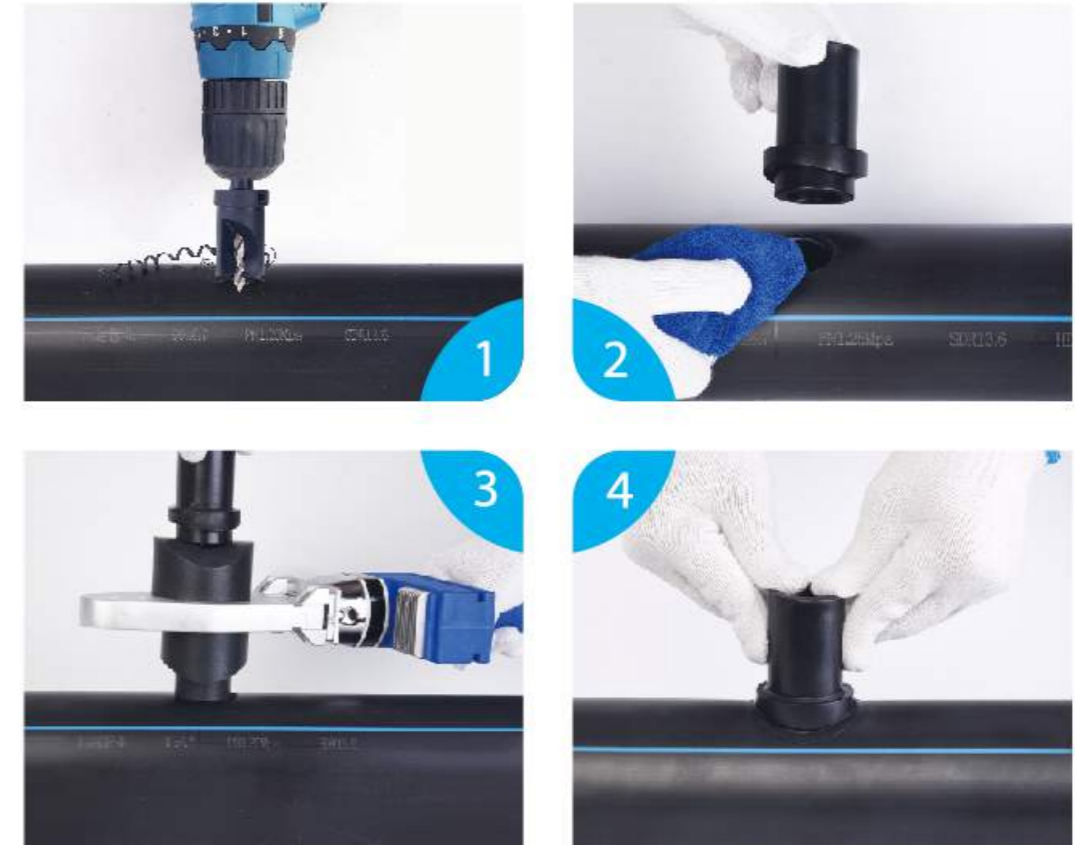
1.Drilla hole though the pipe wall with the drill. Pay more attention on the depth ofthe drill.

2.Clean the hole with the piece of fabric or napkin. The welding surfaces have to beclean and dry. For stabi composite pipes remove the rest of the aluminumremaining at the drilled hole by chamfering the edge of the hole.

3.Once the socket welder is on, wait until the machine indicates the reaching of theworking temperature (260°±2°). Push the saddle heating tool with the spigotinto the pipe hole and the saddle into the other tool. Heat the pipe surfaceand the saddle for 30 seconds.

4.Once the hating process is over remove the socket welder ad push the saddles spigotinto the pipe hole with a light pressure until the surface meet entirely. Keeppressing for about 15-20 seconds. Let the joint cool down for 20 minutes beforemaking the pressure test.

Before
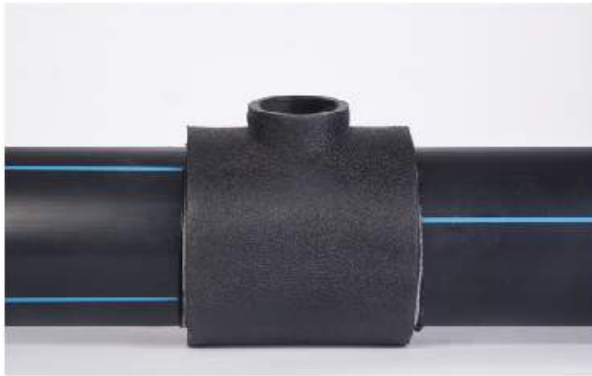
Now

There are a wide range of weld-in saddles, which are ideally suitable for pipes with outer diameter from 40mm to 315mm. Weld-in saddles are suitable for branching in existing connections and risers, construction of manifolds, a perfect substitution of reducing tees. They also allow to use additional components(thermometers , sleeves)

Package with plastic box

The size as following		
40/20	40/25	63/32
50/20	50/25	75/32
63/20	63/25	90/32
75/20	75/25	110/32
90/20	90/25	125/32
110/20	110/25	160/32
125/20	125/25	200/32
160/20	160/25	250/32

90/40	110/50	125/63
110/40	125/50	160/63
125/40	160/50	200/63
160/40	200/50	250/63
200/40	250/50	315/63
250/40		

160/75	200/90	200/110
200/75	250/90	250/110
250/75	315/90	315/110
315/75		

250/125	315/160
315/125	

Depth Gauge Tool

Depth Gauge Tool of Termofusor

Mark the welding depth on the joining end of pipe.

Most persons will use the tape measures. Firstly check the operation manual, according to the fusion standards table to measure the welding depth for socket fusion.

Somebody will use measuring pad , but most measuring pad in the market is flat , the size from 20mm to 125mm. Now we according to fusion stardards table to design the measuring pad. This depth gauge tool is designed according to the radin of ppr pipe. The size of ppr pipe from 16mm to 160mm. You can use a pencil or marking pen to mark and draw the line by hole in pad. It's more easy and quickly.

Heat Insulation Jacket for Welder

Heat Insulation Jacket for socket fusion welding machine is made of fiberglass fabric coated aluminum foil , fiberglass mat and cotton fabric coated aluminum foil. It with excellent termal insulating properties , can be customized according to customer demand.

The heating plate and sockets are very hot after using , if you haven't time to wait for cooling down , you can put on this protector heat , it can insulate 500°C, so you can take it immediately.

There are two sizes (Small one and Big One)

Small One is for FYF32 , FYD32 , FYF40 , FYD40, FYF63 , FYD63

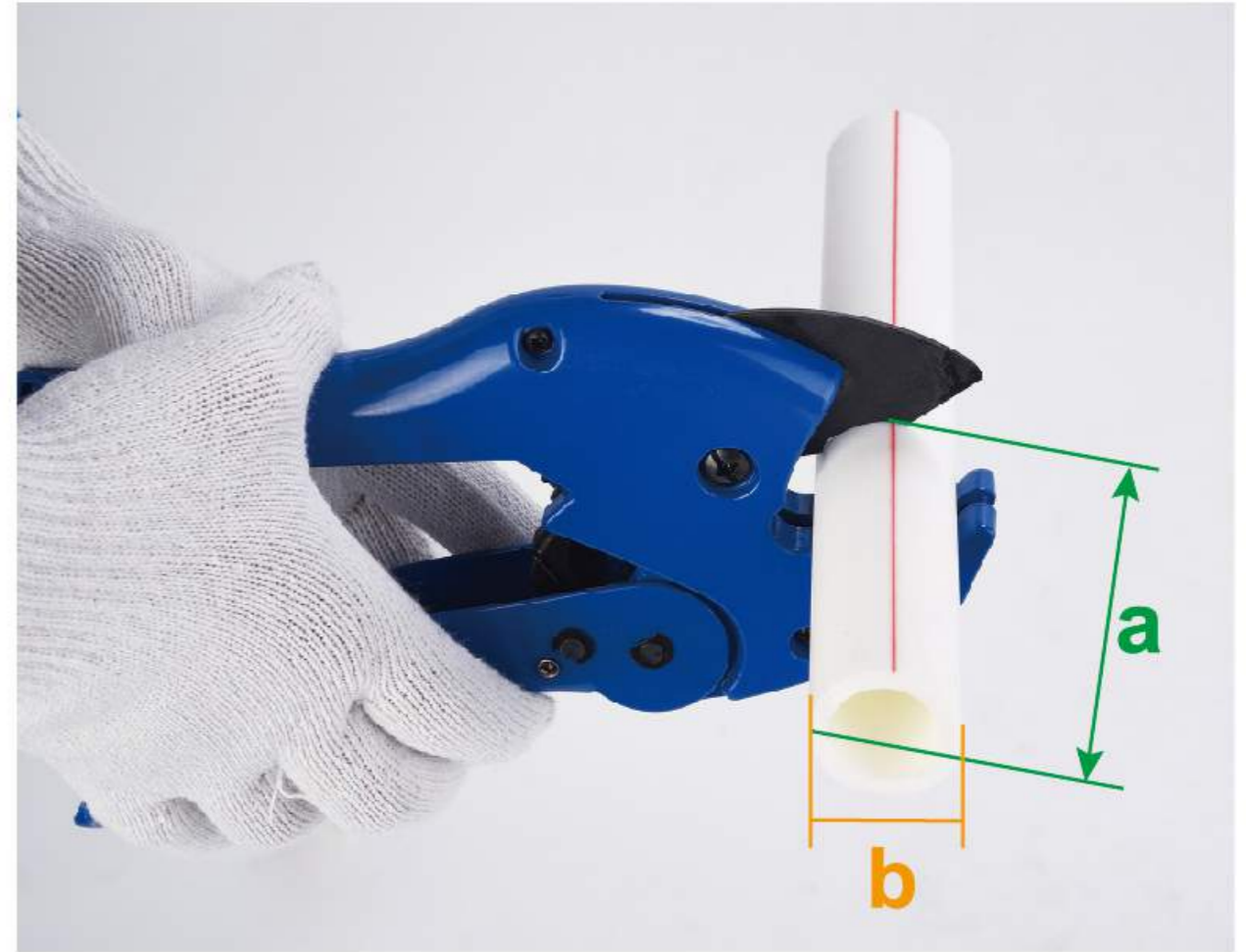**Big One is for FYF110, FYD110 , FYF160, FYD160**

Cold Ring Plier

Ensures pipe roundness when used as a pipe holding device, positioned on the pipe against
the fitting edge for appropriate insertion length
According to the American international standard ASTM F1056.

Inch and metric for you to choose

Inch Size	Metric Size
1/2"	20mm
3/4"	25mm
1"	32mm
1-1/4"	40mm
1-1/2"	50mm
2"	63mm

▪ Socket fusion depth gauges chamfer tools

A chamfer tool with depth gauge is a device that is used to chamfer the outside edge of the pipe. The chamfer allows the pipe end to easily enter the pipe heater face and easily enter the heated fitting.

According to the American international standard ASTM F1056

▪ Available sizes:

1/2 in.CTS

1/2 in. IPS, 3/4 in. IPS, 1 in. IPS, 1-1/4 in. IPS, 1-1/2 in. IPS, 2 in. IPS

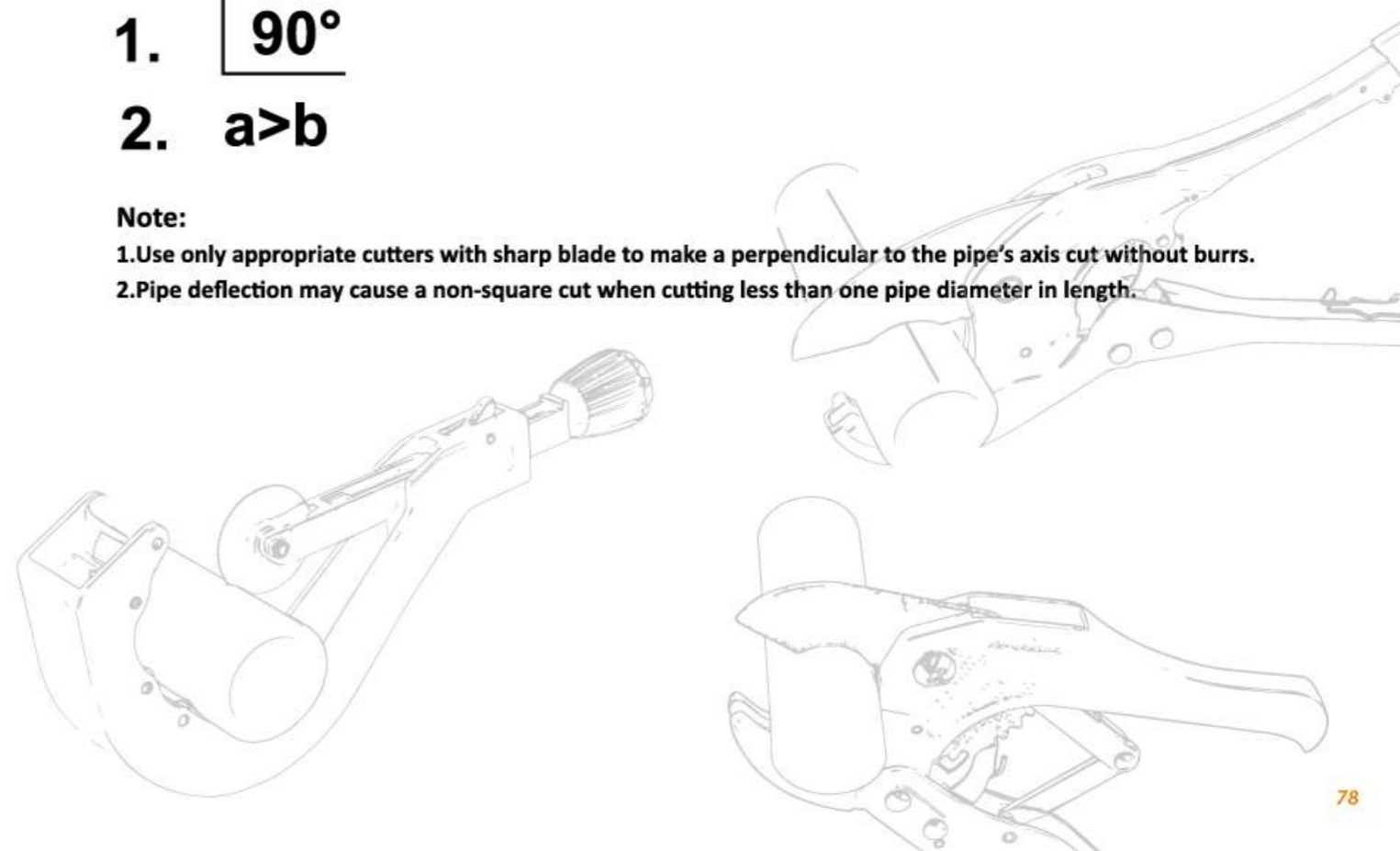Metric Size: 20mm , 25mm, 32mm , 40mm , 50mm , 63mm ,　75mm , 90mm , 110mm

Plastic Pipe Cutters

1. $90°$
2.   **a>b**

Note:
1.Use only appropriate cutters with sharp blade to make a perpendicular to the pipe's axis cut without burrs.
2.Pipe deflection may cause a non-square cut when cutting less than one pipe diameter in length.

Item No.: FYC-101C

Item No.: FYC-105

Item No.: FYC-108B

- **Blade:**
  1. 65Mn blade with electroplating , HRC 53°±2°
  2. Stainless Steel Blade with polishing , HRC 55°±2°
  3. SK5 blade with electroplating , HRC 55°±2°.If with teflon coating HRC 50°±2°.
- **Body and handles:**
  Aluminum Die-casting (ADC 12 aluminum) with plastic-spraying

Item No.:	Cutting Size (mm)	Length (cm)	N.W of each cutter (g)	Package Type	Inner Box (PCS)	Carton QTY (PCS)	N.W(KGS)	G.W.(KGS)	MEAS(CM)
FYC-101C	3-36	19.5	147.9	Sliding Card	10	100	14.80	16.80	55.5x47.5x28.2
FYC-105	3-42	22.5	474.7	Sliding Card	10	40	18.90	20.90	54x32.5x30
FYC-108B	3-63	25.5	490.5	Sliding Card	6	24	11.7	13.7	37x35x38

Item No.: FYC-109

Item No.: FYC-110

Item No.: FYC-111

Item No.: FYC-112

Item No.: FYC-200

- **Blade:**
  1. 65Mn blade with electroplating , HRC 53°±2°
  2. Stainless Steel Blade with polishing , HRC 55°±2°
  3. SK5 blade with electroplating , HRC 55°±2°.If with teflon coating HRC 50°±2°.
- **Body and handles:**
  Aluminum Die-casting (ADC 12 aluminum) with plastic-spraying
- **Application Area:**
  For precise cutting of PVC , PP, PE, PEX , PB, MSR AND PVDF pipes.

Item No.:	Cutting Size (mm)	Length (cm)	N.W of each cutter (g)	Package Type	Inner Box (PCS)	Carton QTY (PCS)	N.W(KGS)	G.W.(KGS)	MEAS(CM)
FYC-109	3-63	43.0	1067.8	white box	1	10	10.70	12.70	44x29.5x23
FYC-110	3-75	49.0	1706.5	white box	1	10	17.10	19.10	50.5x24x38
FYC-111	3-63	28.5	490.0	Sliding Card	1	20	9.80	11.80	45x24x23.5
FYC-112	3-110	44.7	1361.2	white box	1	10	13.50	15.50	39.5x32.5x43
FYC-200	3-110	44.7	1361.2	white box	1	10	13.50	15.50	39.5x32.5x43