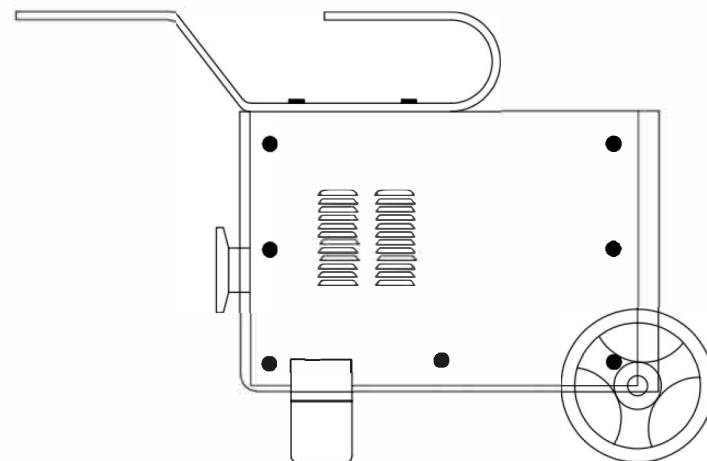




COSTWAY®

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USER'S MANUAL
WELDING MACHINE
ET1403

THIS INSTRUCTION BOOKLET CONTAINS **IMPORTANT** SAFETY INFORMATION. PLEASE READ AND KEEP FOR FUTURE REFERENCE.

Please give us a chance to make it right and do better!

Contact our friendly customer service department for help first.

Replacements for missing or damaged parts will be shipped ASAP!

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Contact Us!

Do NOT return this item.

Contact our friendly customer service department for help first.



Before You Start

- ⚠ Please read all instructions carefully.
- ⚠ Retain instructions for future reference.
- ⚠ Separate and count all parts and hardware.
- ⚠ Read through each step carefully and follow the proper order.
- ⚠ We recommend that, where possible, all items are assembled near to the area in which they will be placed in use, to avoid moving the product unnecessarily once assembled.
- ⚠ Always place the product on a flat, steady and stable surface.
- ⚠ Keep all small parts and packaging materials for this product away from babies and children as they potentially pose a serious choking hazard.

WELDING MACHINE

Thank you for buying our product! In case correctly using it,
Please read this manual carefully before operation!

I. Safety Items and Needs to know for using:

1. Avoiding using the welder in the surrounding where is harmful, corroding, combustible or explosive gas or substance, or there is extreme dust.
2. In extreme humidity or dust circumstance, before it is powered, the insulation resistance between the output end and the input end, and that between the two ends and the respective machines should be measured if it is lower 0.5Ω , it should not be used before checking and getting rid of the problems.
3. The ground bolt should be connected with ground before it is powered and the resistance should not be higher than 0.4Ω .
4. When connecting: the power supply voltage should match with the inputting voltage of the welder.
5. Enough section is available on the welder cable wires and the power line, and the connecting is sound and reliable, The longer the cable wires are, the more section is needed in order to keep the total voltage than 4V.
6. Operate the welder in accordance with the loading in the name-plate. Otherwise it should be damage because of extreme heat.

II. Usages and Characteristics:

BX1-C series arc welding regulations are macro Ac welders for single-hand operation and supplied with earth clamp and electrode holder with cable, mask and brush.

The welders are extensively used in the small-scaled building business, fix business and agriculture station etc.

I. Safety Items and Needs to know for using:

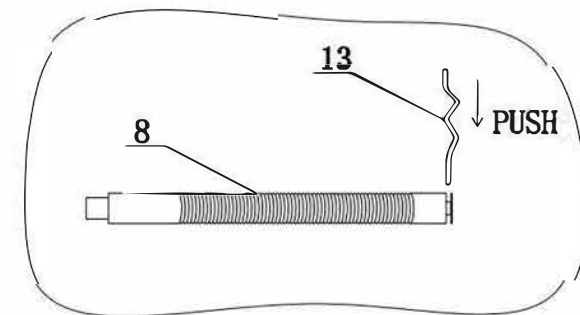
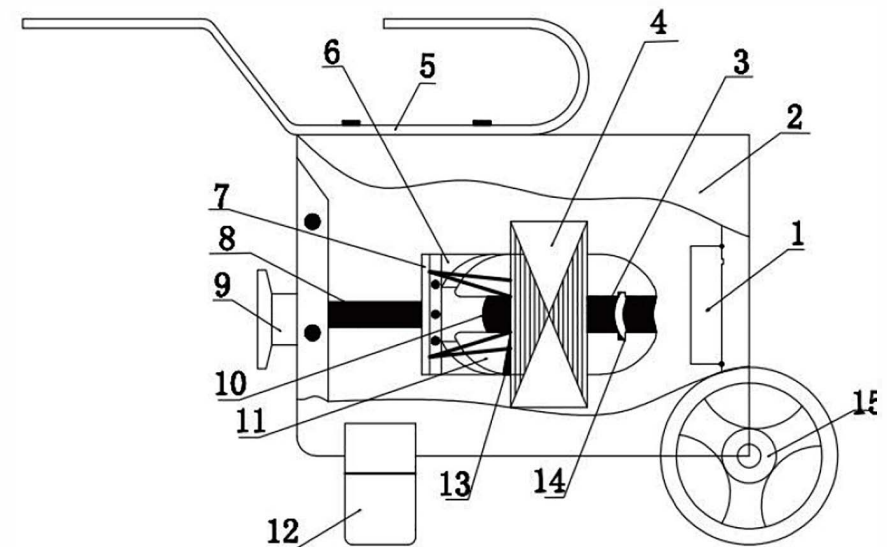
Paramerter Table : BX1-250C

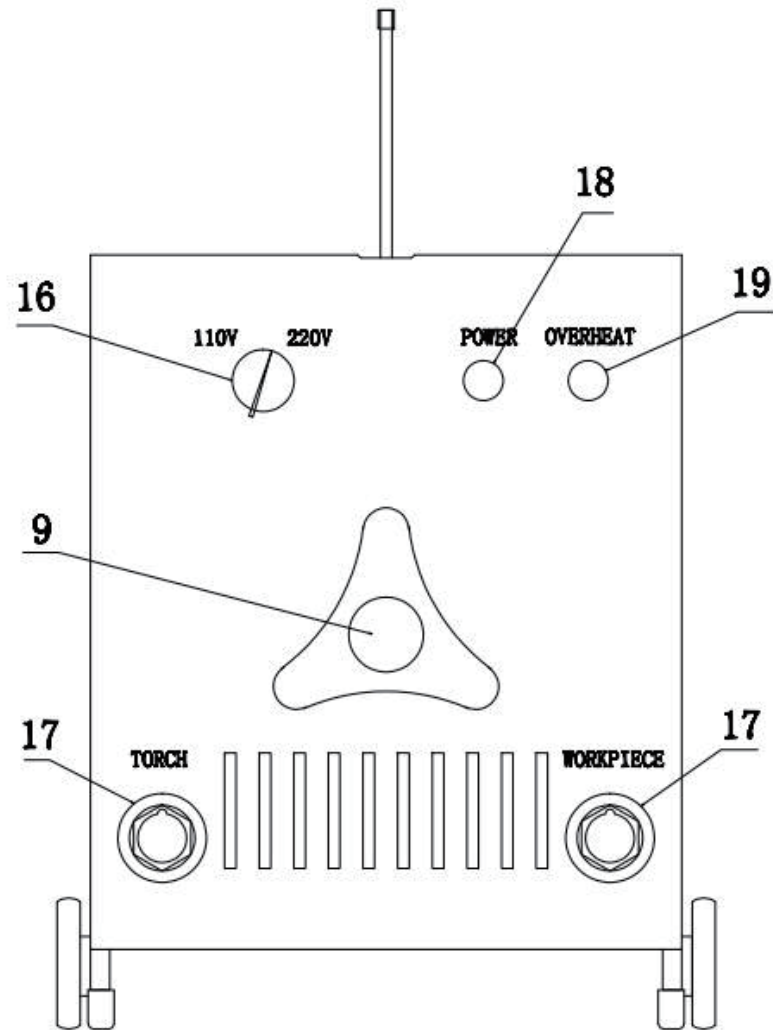
Model No.	BX1-250C	
Rated Output Current (A)	170	250
Power Source Voltage (V)	110V	220V
Rated Duty Cycle (%)	10	10
Rated Input Capacity (KVA)	9.0	14.2
Current Adjusting Range (A)	75-170	90-250
Dia of Applicable Electrode (mm)	2.0-4.0	2.0-5.0
Weight (KG)	20	
L*W*H (mm)	520*295*390	

BX1-C series arc moving steel core construction, the regulator has three cores, The primary coil and secondary coil are fixed on the central core.

The primary coil is equipped with a temperature-relay (overheat sensor), which can cut off the power when the regular coil is hotter than the standard. The regulator output wires have convenient-exchange connection and direct connection.

IV. STRUCTURE OF WELDING MACHINE





No.	PART NAME
1	COOLING FAN
2	HOUSING
3	SEAL GLUE
4	SILICON LAMINATION
5	HANDLE
6	MOVING CORE
7	CORE HOLDEER
8	SCREW BAR
9	CURRENT ADJUST KNOB
10	COIL
11	COIL HOLDER
12	PLASTIC FOOT
13	SCREW WASHER
14	OVERHEAT PROTECTOR
15	WHEEL
16	POWER SWITCH
17	ADAPTER
18	POWER INDICATOR
19	OVERHEAT INDICATOR

Maintain And Notice Items:

1. Avoid exposure to rain and beat.
2. Avoid damaging in moving.
3. Keep the bolt nut and other movable parts clean and lubricated.
4. Keep the coil and the insulation surface dry and without dust.
5. When welding, must use the protection suits and tools, to avoid being damaged.
6. Make sure the working place is in good ventilating conditions, in case of arc lighting, the working place should be adjusted properly.
7. The welder should not be kept with the flammable and explosive materials together and cover it with dust-proof and waterproof materials if not in use.

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February 24, 2019

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We would like to extend our heartfelt thanks to
all of our customers for taking time to assemble
this product and giving us valuable feedbacks.

THANK
YOU
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