

WEDGE WELDER

TOP QUALITY

Infinite Zone specializes in supplying comprehensive solutions for geomembrane and HDPE liner installation projects:



0.2MM TO 1.5MM



0.5MM TO 2MM

We view every client relationship as a long-term partnership. Your success is our success, which is why we're committed to providing ongoing support long after the initial sale.



CONTACT NOW

www.wedgeweldingmachine.com

+971-52-3831878

CITY BAY BUSINESS CENTER
ABU HAIL - DEIRA DUBAI

TECHNICAL DATA SHEET

IZ-810-D

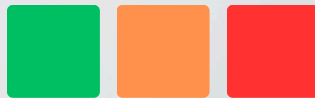
GEOMEMBRANE WELDING MACHINE



Material thickness

- Silicone roller: 0.2-1.5mm
- Steel roller: 0.5-2mm

Colorway



IZ-810-D

- Model : iZ-810-D
- Voltage : 230 / 120 V
- Frequency : 50/60 Hz
- Power : 800 / 1100 W
- Welding Speed : 0.5 - 5 m/min
- Heating Temperature : 50 - 450 °C
- Material Thickness : 0.5mm - 2mm
- Overlap width : 10cm
- Welding strength : ≥85%
- Certificate : CE
- Weight : 5.3kg
- Display digital : Yes
- Warranty : 1 Year

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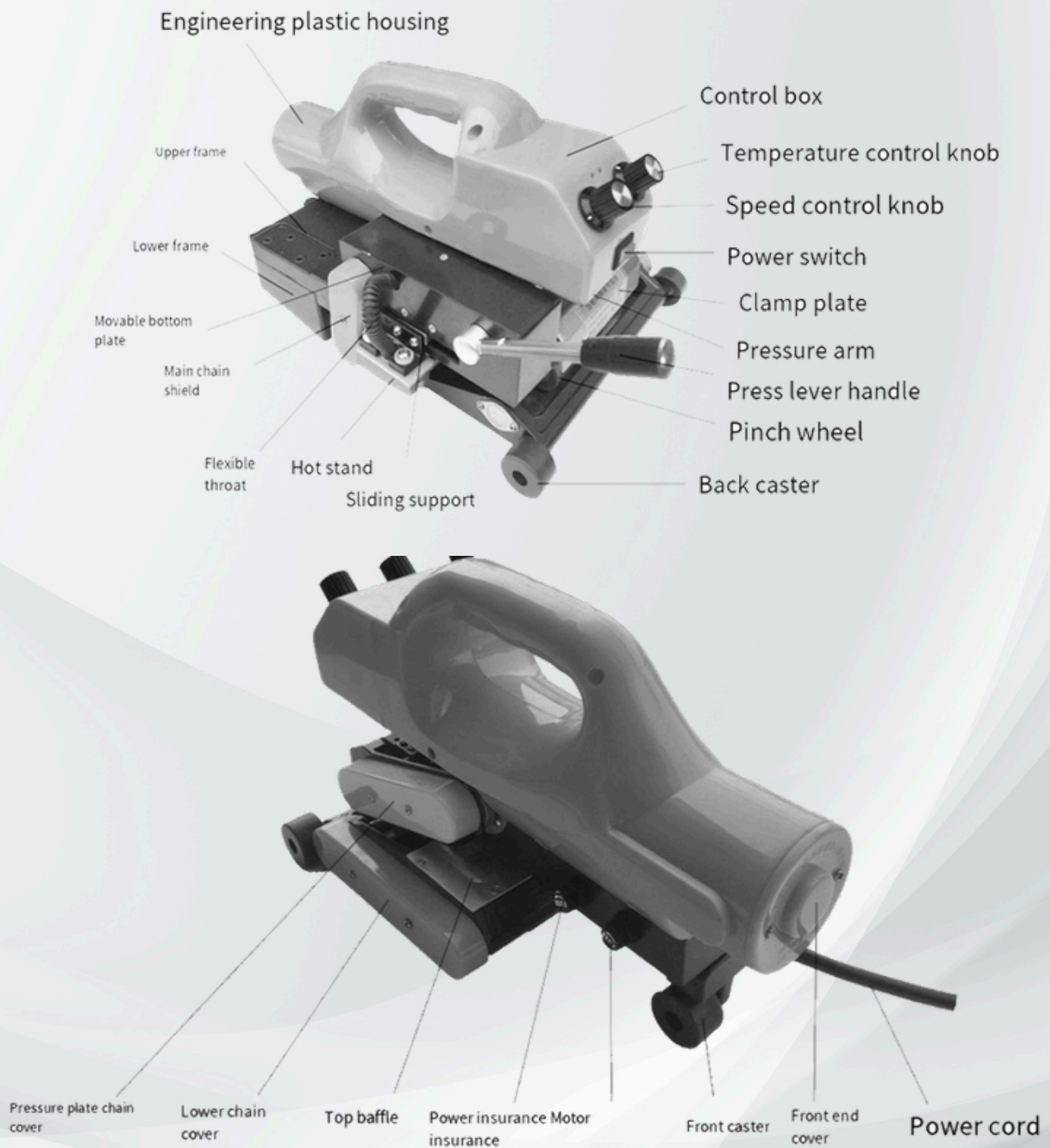
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MAIN PARTS



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PROCEDURE

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Because the welding quality of the machine has a direct relationship with the speed and temperature setting of the work, in order to achieve high quality welding results, it must be operated by a special person.

1, the user must choose not less than 10A three-core power cord and three-socket,(operation of the corresponding welding machine plug L connected to the live line,N connected to the neutral line,1 connected to the ground protection line) confirm that the external line has been connected, the press rod handle of the machine is pressed down, so that the press wheel is separated, plug in the power plug.

2, turn on the power switch, select a certain temperature and speed, take a few presses to test welding, because of the ambient temperature, the thickness of the material is not the same, the welding selection temperature of the same material is different, in the case of speed (about 2m/min) unchanged, select the temperature from low to high temperature (about 250° C-350 °c) slowly adjust to determine the best welding effect.

3, the judgment of welding temperature, transparent PE material, can be directly observed, the welding mark is flat and transparent glass, the surface speed and temperature are suitable, the welding mark is seriously broken, indicating that the temperature is too high or the speed is slow, such as the welding mark is opaque and white, Indicates that the temperature is low or the speed is fast, for opaque materials, observe whether there are obvious welding marks, but also wait for all its cooling after the tensile test.

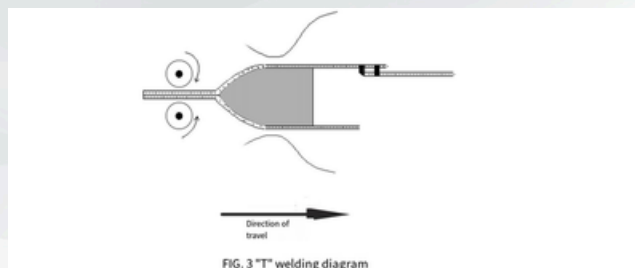
4. Trim the edge of the material to be welded straight, face forward, overlap the left bottom and right top.

5, after determining the temperature and speed, the material to be welded is inserted between the two presses, so that the fuselage is parallel to the edge of the mother village, and the press rod handle can be welded by itself, under normal circumstances, the operator only needs to observe whether the welding mark is deviated from the edge of the base material, and correct it in a small range in time.

6, when the material is welded to the end, the press rod handle is pressed down in time, so that the upper and lower press wheels are in a separate state. Lest the time is too long, burn the rubber wheel.

7, due to the reason of thermal inertia, in the welding process, if the temperature is too high or too low, the speed can be adjusted in a small range to make up for the temperature deviation.

8. The welded material is welded into a "T" lap welding method with another material, as shown in Figure 3. The bypass head on the side of the hot wedge knife is cut diagonally close to the solder mark. The length is about 150mm.



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QUALITY ASSURANCE

IZ-810-D

This product is guaranteed for 12 months from the date of sale to the consumer. We will be responsible for failures caused by material or manufacturing defects. We will, at our sole discretion, repair or replace defective parts to satisfy the warranty.

The warranty does not cover damage to wearing parts (sprags, bearings, chains, press wheels, etc.), damage or defects due to improper handling or maintenance, or breakage due to dropping the product. The warranty shall exclude all cases of abnormal use and unauthorized modifications.

MAINTENANCE AND SPARE PARTS

It is strongly recommended to send the product to Infinite Zone or an authorized service center for professional inspection and repair.

Only original spare parts are permitted.



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