

RELIABLE SOLUTIONS
FOR GEOMEMBRANES

IZ-900

Hot-Wedge Welding Machine

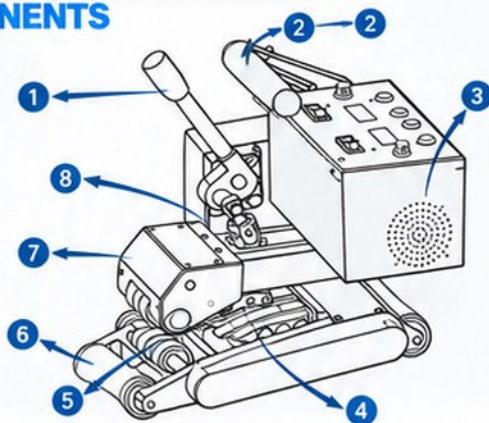
The IZ-900 is a robust hot-wedge welding machine designed for HDPE geomembrane and plastic membrane installation, suitable for large-scale liner welding with precise temperature and speed control.

*Powerful.
Accurate.
Reliable.*

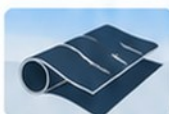


STRUCTURE / COMPONENTS

- 1 Pressure handle
- 2 Operating handle
- 3 Electric box
- 4 Heating plate
- 5 Pressure wheel
- 6 Casters
- 7 Swinging the head
- 8 Pressure adjustment nut



APPLICATIONS



GEOMEMBRANES



RESERVOIRS



WATER TANKS



LANDFILLS



INDUSTRIAL
CONTAINMENT



**HIGH
OUTPUT**

Fast and efficient
liner welding



**PRECISE
CONTROL**

Consistent quality
seams



FIELD READY

Robust and
durable design



**STRONG SEAM
PERFORMANCE**

>95% of base
material strength

CONTAIN
PROTECT
PRESERVE
TOGETHER

KEY FEATURES



Dual digital display for
temperature and speed



Welding speed 1 - 7 m/min



Heating temperature 50 - 550 °C



Adjustable welding pressure 100 - 1000 N



Suitable for 1.0 - 3.0 mm
membrane thickness



High seam strength >95% of base material

TECHNICAL DATA

Voltage	220 V
Frequency	50/60 Hz
Power	2100 W
Welding speed	1 - 7 m/min
Heating temperature	50 - 550 °C
Welding pressure	100 - 1000 N
Material thickness	1.0 - 3.0 mm (single layer film thickness)
Overlap width	12 cm
Weld seam width	16 mm × 2 pieces, cavity 12 mm
Weld strength	>95% base material (tensile strength in shear direction)
Overall weight	13.0 kg
Digital display	Dual display of temperature and speed
Certificate	CE