



**WASSERTEK LTD.  
CANADA**

*Product Portfolio*  
*Wedge Welding*  
*Technology*

*Innovative Canadian Technology!*  
*www.wassertek.ca*

**WASSERTEK** specialize in quality tools and machinery with diversified product range focusing pipeline industry emphasizing on Plastic Pipe Welding Technology, Wedge Welding Technology, Metal Pipe Bonding Technology, Rental Services and Hydro testing.

Each and every tool is of very high quality, sturdy, futuristic and technically advanced based on Northern American standards.

## Product Portfolio

1. Geomembrane Wedge Welders
2. Extrusion Welding Machine
3. Hot Gas Welding Machine
4. PVC Tarpaulin/Banner Welder
5. Testing Equipments
  - ◆ Vacuum Detector
  - ◆ Tensile Tester
  - ◆ Spark Tester
  - ◆ Air Tester



**WASSERTEK Geomembrane Welder** is specially for welding HDPE, LDPE, EVA, PVC, PP thermoplastic materials, which can be used in waterproofing projects, such as tunnels, subway, water conservancy, farming, solid waste landfills, chemical mining, sewage, roofing.

## Geomembrane Welder | **WEDGE0.2-1.5** **WEDGE0.2-1.5.CA**



- Power:1200W Voltage: 220V/120V Frequency: 50Hz
- Welding speed: 0.5-5m/min
- Heating temperature: 0-500°C
- Material thickness: 0.2-1.5mm
- Welding seal thickness: 16mm×2, Intermediate cavity:12mm
- Joint width: 100mm
- N.W.: 5kg; G.W.:9kg
- Insulation grade: II

## Geomembrane Welder | **WEDGE0.2-1.5D** **WEDGE0.2-1.5D.CA**



- Power:1200W Voltage: 220V/120V Frequency: 50Hz
- Welding speed: 0.5-5m/min with **digital display**
- Heating temperature: 0-600°C
- Material thickness: 0.2-1.5mm
- Welding seal thickness: 16mm×2, Intermediate cavity:12mm
- Joint width: 100mm
- N.W.: 5kg; G.W.:9kg
- Insulation grade: II

## Geomembrane Welder



- Power:1800W Voltage: 220V/110V Frequency: 50Hz
- Welding speed: 0.5-5m/min
- Heating temperature: 0-600°C
- Material thickness: **1-3mm**
- Welding seal thickness: 15mm×2, Intermediate cavity:16mm
- Seam strength: ≥85% base material (tensial resistance in share direction)
- Joint width: 120mm
- N.W.: 13kg; G.W.:18kg
- Insulation grade: I

## Geomembrane Welder | **WEDGE1-3** **WEDGE1-3.CA**



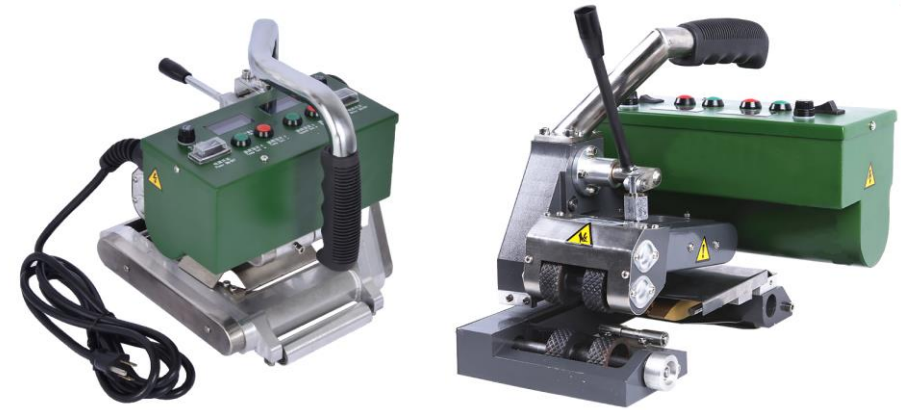
- Power:1800W Voltage: 220V/110V Frequency: 50Hz
- Welding speed: 0.5-5m/min **Speed display screen**
- Heating temperature: 0-600°C
- Material thickness: 1-3mm
- Welding seal thickness: 17mm×2, Intermediate cavity:16mm
- Seam strength: ≥85% base material (tensial resistance in share direction)
- Joint width: 120mm
- N.W.: 9kg; G.W.:14kg
- Insulation grade: I

## Geomembrane Welder | WEDGE1-3.L



- Power:1800W Voltage: 220V/110V Frequency: 50Hz
- Welding speed: 0.5-5m/min
- Heating temperature: 0-800°C
- Material thickness: 1-3mm
- Welding seal thickness: 17mm×2, Intermediate cavity:16mm
- Seam strength: ≥85% base material (tensile resistance in share direction)
- Joint width: 120mm
- N.W.: 9kg; G.W.:14kg
- Insulation grade: I

## Geomembrane Welder



- Power:1200W Voltage: 220V/110V Frequency: 50Hz
- Welding speed: 0.5-10m/min
- Heating temperature: 0-450°C
- Material thickness: 0.2-2.0mm
- Welding seal thickness: 15mm×2, Intermediate cavity:20mm
- Seam strength: ≥85% base material (tensile resistance in share direction)
- Joint width: 120mm
- N.W.: 7.5kg; G.W.:13kg
- Insulation grade: I

## Extrusion Welder



- Hot air power: 3400W Motor power: 1300W
- Voltage: 220V Frequency: 50Hz
- Extruding temperature: 200-300°C
- Hot air temperature: 20-600°C
- Welding speed: 500L/min
- Welding rod diameter:  $\Phi$ 3.5-4.5mm
- N.W.: 11.5kg; G.W.:14.5kg
- Insulation grade: Class I

## Extrusion Welder | EWM32



- Hot air power: 3400W Motor power: 1600W
- Voltage: 220V Frequency: 50Hz Double heating
- Extruding temperature: 280-380°C
- Hot air temperature: 20-550°C
- Welding speed: 500L/min
- Welding rod diameter:  $\Phi$ 3.5-4.5mm
- N.W.: 12kg; G.W.:15kg
- Insulation grade: Class I



## Extrusion Welder | EWM32.PR



- Hot air power: 3000W Motor power: 1300W
- Voltage: 220V Frequency: 50Hz
- Extruding temperature: 200-300°C
- Hot air temperature: 20-600°C
- Welding speed: 1.6-3.2Kg.h
- Welding rod diameter:  $\Phi$ 3-4mm
- N.W.: 11.5kg; G.W.:14.5kg
- Insulation grade: Class I

## Extrusion Welder | EWM32 EWM32.CA



- Hot air power: 1600W Motor power: 800W
- Voltage: 220V/110V Frequency: 50Hz
- Extruding temperature: 200-300°C
- Hot air temperature: 20-600°C
- Welding speed: 1.8-3.6Kg.h
- Welding rod diameter:  $\Phi$ 3-4.5mm
- N.W.: 11.5kg; G.W.:14.5kg
- Insulation grade: Class I

## Hot air blower | HG1600D



- Digital display:
- Motor speed can be adjusted, automatic cooling delay turn off
- Power: 1600W Voltage: 220V/110V Frequency: 50Hz
- Hot air temperature: 40-500°C
- Air volume: 230L/min
- Air pressure: 3000Pa
- Noise: <65db
- N.W.: 1.38kg; G.W.:3kg
- Insulation grade: Class II

## Hot air blower | HG1600 HG1600.CA



- Digital display:
- Power: 1600W Voltage: 220V/110V Frequency: 50Hz
- Hot air temperature: 40-650°C
- Air volume: 13.8m³/h
- Air pressure: 3000Pa
- Noise: <65db
- N.W.: 1.17kg; G.W.:3kg
- Insulation grade: Class II



## Hot air blower | **HG2000**



- Power: 2000W Voltage: 220V Frequency: 50Hz
- Hot air temperature: 0-800°C
- Air pressure: 3000Pa
- Noise: <65db
- N.W.: 0.9kg; G.W.:2.8kg
- Insulation grade: Class II

## Hot air blower | **HG3400**



- Mainly used for some industrial purposes, such as a supporting hot air source, and basically no longer hand-held.
- Power: 3400W Voltage: 220V Frequency: 50Hz
- Hot air temperature: 40-650°C
- Air volume: 13.8m<sup>3</sup>/h
- Air pressure: 3000Pa
- Noise: <65db
- N.W.: 1.17kg; G.W.:3kg
- Insulation grade: Class II

## PVC Tarpaulin/Banner Welder

- Power: 4100W Voltage: 220-240V Frequency: 50Hz
- Welding speed: 0.2-10m/min (Winter)
- Heating temperature: 20-550°C Adjustable
- Air gun power: 3400W
- Air volume: 28m<sup>3</sup>/h
- Air pressure: 3000Pa
- N.W.: 24kg; G.W.: 33kg
- Insulation grade: I

Used for roofing waterproofing membrane, container tarpaulin, light box advertising cloth, plastic coated cloth, etc. With advanced hot air welding technology, electronic temperature control continuously adjustable, temperature control of high accuracy, especially suitable for fontinuous use at high temperature, long life and high reliability.



## Vacuum detector



- Voltage:230V Frequency:50/60HZ
- Input power:≤150W Max.air volume:≤30L/min
- Max. vacuum:-84Kpa
- Noise:≤48dB(A) Temperature for using:5-40°C
- Isulation:B class
- Dielectric strength:1500V/50HZ 1min no breakdown
- Thermo protector: Anto reset  $130 \pm 5^{\circ} \text{C}$
- Testing size:700cm<sup>2</sup> Weight:15/8.5kg
- Shape:Hemispherical

## Tensile tester



- Voltage:230V Frequency: 50Hz
- Jaw spacing: 5–300mm
- Tensile load: max 2000N
- Range: max 100mm
- Size (L × W × H): 700 × 220 × 120 mm
- Net weight: 12kg

## Electric spark tester | SPARKTESTER



- Spark leak detector is used for testing leak by releasing radio waves.
- Detection thickness: 3-30mm
- The output voltage: 10-55 kV
- Voltage: 230V Frequency: 50/60Hz
- Power: 30W
- Weight: 1.05kgs
- Size: 27cm\*6cm\*20cm
- Package weight: 1.4 kgs

## Air pressure tester | AIRTESTER



- Air pressure range: 0-0.1Mpa
- Net weight: 0.5Kg
- Packing: Carton
- Outer package size: 300mm\*250mm\*250mm



**WASSERTEK LTD.**  
**Pioneer in Water Technology**

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