iNTEL MAKiNA
INDUSTRY AND TRADING CORP.

VW 180

Single Head "V" Type Welding Machine

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Description

PVC V Welding Machine performs welding operations on PVC profiles.

Single Head V Type Welding Machines are unique in this field. Durability and reliability features. Ideal for welding PVC profiles of different thicknesses and angles.

These new generation machines make significant contributions to production line stages.

Highlights

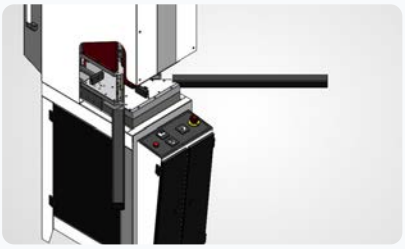
- ✓ System operating at 2 bar first, then 6 bar pressure, provides hand protection to increase operator safety.
- ✓ Features the ability to weld at maximum strength.
- ✓ +/- 0.2 mm welding precision
- ✓ Melting and joining times can be adjusted digitally.
- ✓ Heating temperature and time parameters can be adjusted separately.
- ✓ Homogeneous heating with special heating plates
- ✓ More efficient and longer-lasting teflon thanks to special teflon system in heating plates
- ✓ Time-saving special design mold system

- ✓ Easy welding on large frames thanks to support arms
- ✓ Welding height 180 mm (Max.)
- ✓ Designed in accordance with CE standards.
- ✓ Completely safe against work accidents.
- ✓ Processing precision provided by linear rail and carriage bearing system.

Optional Features

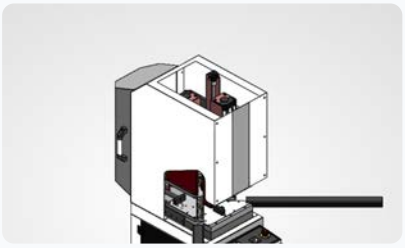
- \+ Custom welding molds upon request

Machine Components



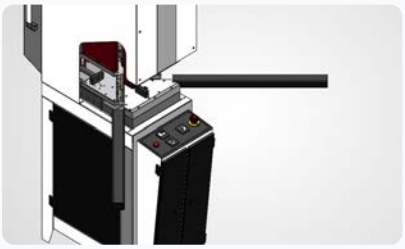
Control Panel

All parameters such as melting time, bonding time, and welding pressure can be adjusted independently from the control panel. In addition, there is a regulator and manometer system for adjusting and monitoring low pressure, high pressure, and table pressure.



Safety

During the welding operation, the protective cover provides a safe working environment. Protection plates found in the pressure groups are designed to prevent operator hand injury.

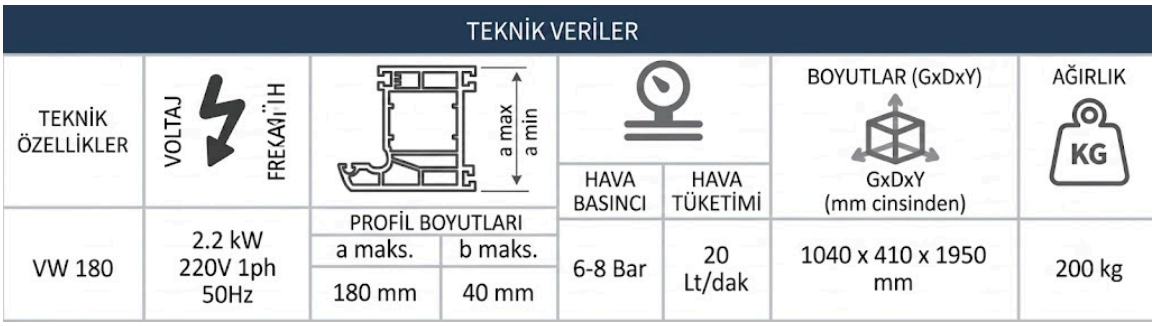


Profile Measurement Support

Correct and precise positioning of the profile on the welding table is provided through the feeding measurement. At the same time, the support it provides to the profile prevents possible deflection.

Technical Drawings

Layout Plan 1



Technical Specifications

MACHINE DIMENSIONS

Machine Height	**1950 mm**
Machine Length	**1040 mm**
Machine Width	**410 mm**
Machine Weight	**200 Kg**

PACKAGING DIMENSIONS

Machine Height	**2000 mm**
Machine Length	**1100 mm**
Machine Width	**500 mm**

SAFETY

Protective Covers	✓
Current Protection (Leakage Current)	✓
Emergency Stop	✓
Hand Protection System	✓
	✓

TECHNICAL DATA

Minimum welding distance (height)	**40 mm**
Maximum welding distance (height)	**180 mm**
Air consumption	**20 Lt/min**
Voltage	**2.2 Kw 220V 1Ph**
Frequency	**50 Hz**

Bar	**6-8 Bar**

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