



iNTEL MAKiNA
INDUSTRY AND TRADING CORP.

DSW 200

Dual Head Welding Machine

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Description

Dual Corner Welding Machine

Designed to accelerate your PVC profile production processes and bring quality to the highest level, this dual corner welding machine provides maximum efficiency with its ability to perform flawless welding at two corners simultaneously. Thanks to its robust frame structure and precise control system, high strength and perfect joints are achieved in every operation.

With its user-friendly interface, adjustable welding parameters and pneumatic clamping system, it minimizes operator errors while simplifying the production process. Due to its suitability for series production, it saves time and improves your facility's performance.

This machine, where durability, precision and speed converge, is an indispensable solution for modern production lines.

With a Special Teflon System, it offers long-lasting teflon use and replacement capability. Manually movable welding head can perform welding at a fixed 90° angle. Melting and joining times are digitally adjustable. White and colored profiles have a 0.2 mm welding gap. Long-lasting heating plate distributes heat homogeneously. Practical mold changing system is available.

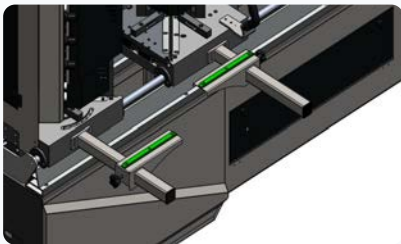
Highlights

- ✓ Safe operation with dual hand control
- ✓ +/- 0.2 mm welding precision
- ✓ Single head welding capability
- ✓ Automatically welds PVC profiles at 90° angles
- ✓ Movable right head welding unit features braking system
- ✓ Right head welding unit is manually operated
- ✓ Welds two corners of PVC frame and wing profiles in a single operation
- ✓ All parameters such as melting and bonding time, welding pressure can be independently adjusted from the control panel
- ✓ Completely safe against workplace accidents
- ✓ Maximum welding strength
- ✓ Welding height 200 mm (Max.)
- ✓ Long-lasting welding durability and easily replaceable single-piece Teflon
- ✓ Designed in compliance with CE standards

Optional Features

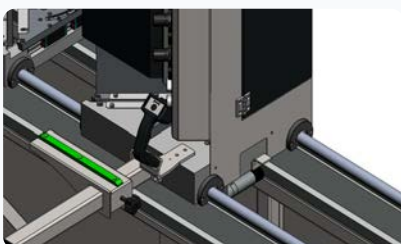
- + Custom welding molds upon request

Machine Components



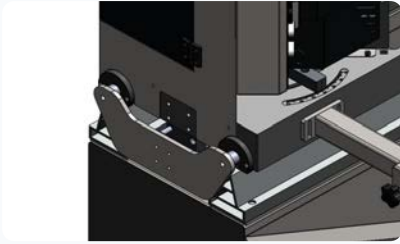
Profile Measurement Support

The precise and accurate positioning of the profile on the welding table is provided through the feed measurement. At the same time, through the support it provides to the profile, it prevents possible deflections.



Movable Head Welding Unit Braking

It allows the movable head unit to be fixed at the desired position by adjusting according to the profile length and ensures that the head maintains its position stably during the welding operation.



Fixed Head Unit Movement

Thanks to the piston in the fixed head unit, after the welding operation is completed, the system opens and allows the profile to be removed easily and safely.

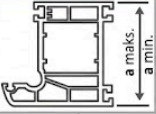
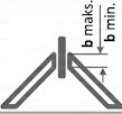
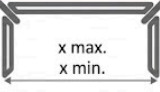


Safety

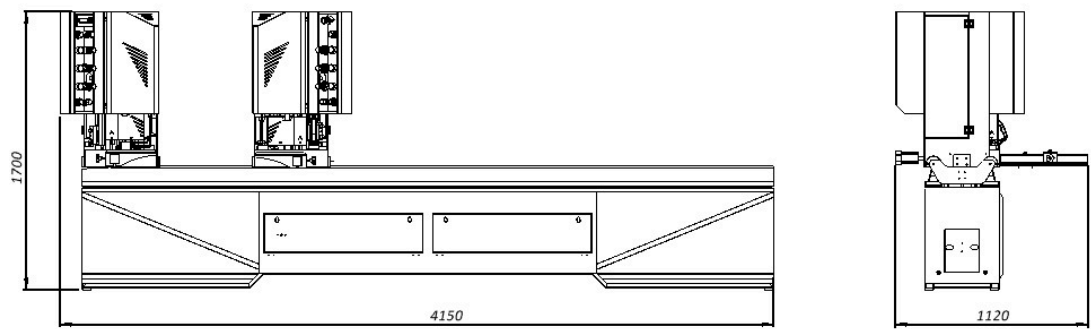
During the welding operation, the protective cover provides a safe working environment. The protective profiles on the pressure groups are designed to prevent the operator's hand from being injured.

Technical Drawings

Layout Plan 1

TEKNİK VERİLER										
TEKNİK ÖZELLİKLER										
		a maks.	a min.	b maks.	b min.	x maks.	x min.	BAR	Hava Tüketimi	
DSW 200	2 x 2.2 kW 220V 50Hz	200 mm	35 mm	220 mm	...	3500 mm	400 mm	6-8 Bar	70 L/dk	4150x1120x1700 mm 600 kg

Technical Drawing 1



Technical Specifications

MACHINE DIMENSIONS

Machine Height	1700 mm
Machine Length	4150 mm
Machine Width	1120 mm
Machine Weight	600 Kg

PACKAGING DIMENSIONS

Machine Height	1850 mm
Machine Length	4300 mm
Machine Width	810 mm

SAFETY

Dual Hand Operation	✓
Protective Covers	✓
Current Protection (Leakage Current)	✓
Emergency Stop	✓
Piston Lock System	✓
Hand Protection System	✓

TECHNICAL SPECIFICATIONS

Minimum welding distance (length)	400 mm
Maximum welding distance (length)	3500 mm
Minimum welding distance (height)	35 mm
Maximum welding distance (height)	200 mm

Maximum welding width	220 mm
Air consumption	70 Lt/min
Voltage	2 x 2.2 kw 220V
Frequency	50 Hz
Bar	6-8 Bar



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