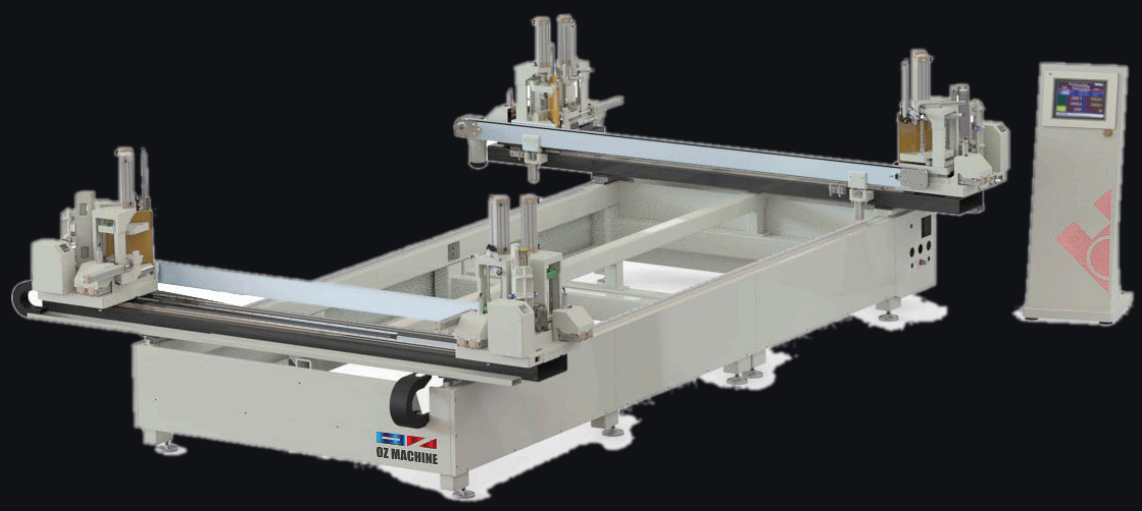
OZ MACHINE USA

ORION IV

Automatic Four Head PVC / Vinyl Welding Machine



Welds all four corners of a PVC / vinyl frame in one cycle with a 0.008" seam. Touchscreen control, program memory and an automatic frame output unit keep the line moving with one operator.

4 heads	**104 × 162"**	**7.9"**	**0.008"**
All corners at once	Max. frame size	Max. profile height	Welding seam

KEY FEATURES

- Automatic frame output unit
- Touchscreen, remote access, on-screen alarms
- Barcode reader
- Gasket pressing (optional)
- Safety barrier around the working area
- Quick-change welding molds
- Ethernet / USB data transfer

Min. frame	Profile width	Voltage	Air
13.8 x 15.7"	1.2" – 5.9"	220V 3P, 60 Hz	100 psi

TECHNICAL DATA

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FRAME DIMENSIONS

Minimum frame size	13.8" x 15.7" (350 x 400 mm)
Maximum frame size	104" x 162" (2640 x 4115 mm)

PROFILE DIMENSIONS

Profile height, min. / max.	1.2" / 7.9" (30 / 200 mm)
Profile width, min. / max.	1.2" / 5.9" (30 / 150 mm)

WELDING

Welding heads	4, all corners at once
Welding seam	0.008" (0.2 mm)
Maximum plate temperature	660 °F, electronic thermostat
Digital welding time and heating control	●
Uniform heat distribution on the plate	●
Quick-change welding molds	●
Quick Teflon replacement	●
Pneumatic motion	●

CONTROL AND SAFETY

Touchscreen control panel	●
Program management, large memory	●
Batch welding, precise measurement	●
Alarms and warnings on screen	●
Remote access	●
Data transfer via Ethernet and USB	●
Barcode reader	●
Automatic frame output unit	●
Safety barrier around the working area	●

OPTIONAL EQUIPMENT

Special mold	○
Gasket pressing system	○
Profile holding and cooling unit	○

AIR & ELECTRICAL

Voltage	220V 3P, 60 Hz
Air pressure	100 psi

● Standard ○ Optional

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Product data, descriptions and illustrations may change without prior notice.