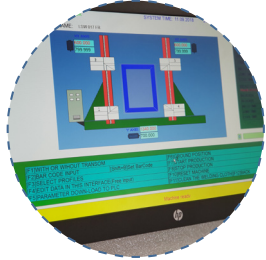




# Wegoma Vertical Quad Welding Machine

## WSA-4-LVE-S

The vertical movement of the WSA-4-LVE-S is controlled via the axis drive motors, along with a precision linear rail, using four linear bearings per head. With a heavy-duty steel frame, horizontal positioning on the machine is controlled with servo motors and a high-precision lead screw. The Wegoma range of vertical quad welding machines all feature “Burn to Size” technology, resulting in consistent accuracy every cycle.



Easy to use control software



Festo pneumatics and OMRON temperature controllers

Process Capability

- 1/2 the footprint of a standard quad welder
- Automatic 4-head PVCu welder - single or double frame/sash welding capability
- Heavy duty steel frame - no twists or deflection
- Vertical movement via axis drive motors along precision linear rail using 4 bearings per head
- Horizontal head position is controlled with servo motors & a high precision lead screw
- Small operating footprint - allows machine to be placed back to back with another machine or against a wall
- Fully programmable Windows PC with easy to understand graphics
- Twice the output in the same space
- Burn to Size programming
- All functions are electronically monitored with fault diagnostic facility
- Semi-automatic frame/sash ejection - easy removal of welded squares
- Transom program allows insertion of pre-welded transoms / H-frames

Technical Data

Machine Dimensions.....	2550mm (w) x 1900mm (d) x 2100mm (h)
Machine Weight.....	2200kg
Minimum Weld Size.....	295 x 325mm
Maximum Weld Size .....	1400 x 1400mm
Maximum Profile Height.....	200mm
Minimum Profile Height .....	40mm

