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umw series

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WIRE FORMING & WELDING MACHINES

Type USW sign wire welding machine



The *usw series* of welding machines are designed specifically for the fully automatic manufacture of wire frames used in Political and Advertising Signs. The machine takes 2 line wires direct from coil and automatically feeds them into the welding stations. Where upon the cross wire is fed direct from coil and automatically spot welded into position, onto the two line wires. With the frame being indexed automatically between welds, up to 99 cross wire weld positions can be set within the frame. On completion of the welding cycle the part is fed out, cut to length and placed on a stack.

Model	Wire Range	Frame Width	Frame Length
USW-40	2.00 - 4.00mm .080" - 0.162"	Min: 50mm (2") Max: 200mm (8")	Min: 200mm (8") Max: 800mm (32")
USW-65	2.00 - 6.50mm .080" - 0.256"	Min: 50mm (2") Max: 200mm (8")	Min: 200mm (8") Max: 800mm (32")
USW-80	3.00 - 8.00mm 0.120" - 0.315"	Min: 100mm (4") Max: 600mm (24")	Min: 200mm (8") Max: 1000mm (39")

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WIRE FORMING & WELDING MACHINES

Type UGW

sign wire

welding

machine

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The **UGW-65** is designed for the automatic manufacture of the "Goalpost" type frames used in Political and Advertising Signs. These signs typically comprise a "U" formed wire, welded atop a single cross-wire "H" frame. The "U" wire is typically of smaller gauge wire (0.148") than the "H" frame (0.250"). The machine is designed for maximum flexibility of configuration. This allows for simple reconfiguration of the machine to enable the manufacture of signs of alternative design as well as different product sizing and wire gauges. The machine is also capable of the manufacture of the simpler sign wire frames of the "double cross-wire horizontal H" design. In addition, more complex signs with differing cross-wire diameters may be produced, because of the machine is equipped with two cross-wire feeders. On completion of the welding cycle the part is fed out, cut to length and placed on a stack.

Model	Wire Range	Frame Width	Frame Length
UGW-65	3.50 - 6.50mm 0.135" - 0.256"	Min: 100mm (4") Max: 685mm (27")	Min: 25mm (1") Max: Unlimited

Ultimation
Wire Forming & Welding Machines

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