

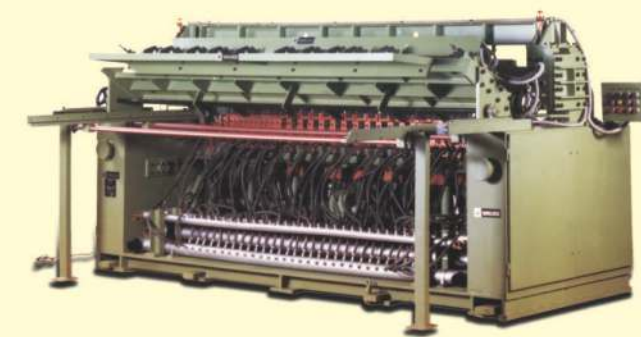
Wire Mesh Welder



Repair Welder



Partition Welder



Wire Mesh Welder

JAYA HIND SCI AKY Automatic Wire Mesh Welders are built to produce high quality welded wiremesh continuously.

Machine Operation :-

Longitudinal wires pass through collets mounted on a horizontal beam. All the bottom electrodes are connected to transformers through busbars. Spring loaded top electrode assemblies are mounted on a vertically moving horizontal beam. Indexing of longitudinal wires and vertical movement of welding heads is synchronized and controlled through cranking mechanism.

Cross wires, straightened and cut to required length, are stacked in a hopper and drop one after another on the longitudinal wires over the bottom electrode assembly automatically through an actuator.

Once the cycle starts, everytime the longitudinal wires index by one preset pitch, one cross wire is dropped at the welding joint while upper electrode assembly descends and completes the weld.

This cycle continues automatically. Maximum welding speed is 70 strokes per minute (with wires of diameter 2.5 mm). machines are available in three models for 5 feet, 6 feet and 8 feet mesh widths.

Welding transformer are provided with thyristor control for stepless adjustment of welding current

Wire Mesh Welder

Specifications :-

Model	WMW 1500	WMW 1800	WMW 2400
Mesh Width	1500 mm (5')	1800 mm (6')	2400 mm (8')
Wire Diameter	2.5 to 5.6 mm	2.5 to 5.6 mm	2.5 to 5.6 mm
Wire Material	Mild Steel	Mild Steel	Mild Steel
No. of Transformers	6	6	9
Transformer Rating @ 50% duty cycle	100 KVA each	100 KVA each	100 KVA each
Power Supply	415 V, 50 Hz 3 ϕ	415 V, 50 Hz 3 ϕ	415 V, 50 Hz 3 ϕ
Min. Longitudinal Pitch	25 mm	25 mm	25 mm
Min. Cross wire Pitch	25 mm	25 mm	25 mm
Maximum speed	70 stroke per minute for wire diameter 2.5 mm		
Approximate Weight	5,500 kg	6,000 kg	8,000 kg
Dimensions	Length	2000 mm	2000 mm
	Width	2900 mm	2900 mm
	Height	1780 mm	1780 mm

Rail Wolf Weldings Limited

(Continuing the 45 years legacy of Jaya Hind Sciaky Ltd.)

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* Specification and dimensions may be subject to change due to our policy of continuous improvement.

