

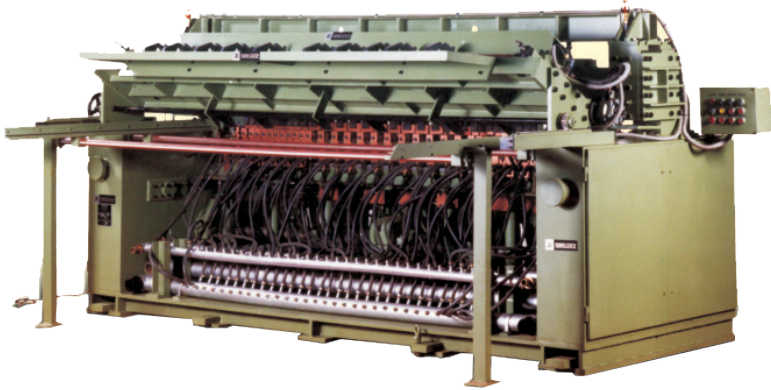
# WIRE MESH WELDING MACHINE

## Machine Operation :

Longitudinal wires pass through collets mounted on a horizontal beam. All the bottom electrodes are connected to transformers through bus bars. 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, every time 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.



## Weld Mesh Welder

Semi-Automatic wire mesh welders built to produce high quality welded wire mesh continuously

## Weld mesh welder Specifications (Standard) :

| Model                               | WMW 2400   | WMW1800          | WMW 1500         |
|-------------------------------------|--|------------------|------------------|
| Mesh Width                          | 2400 mm (8')                                     | 1800 mm (6')     | 1500 mm (5')     |
| Wire Diameter                       | 1.8 to 5.6 mm                                    | 1.8 to 5.6 mm    | 1.8 to 5.6 mm    |
| Wire Material                       | Mild Steel / GI                                  | Mild Steel / GI  | Mild Steel / GI  |
| No. of Transformers                 | 9  | 6                | 6                |
| Transformer Rating @ 50% duty cycle | 100 KVA (9 Nos.)                                 | 100 KVA (6 Nos.) | 100 KVA (6 Nos.) |
| Power Supply                        | 415 V, 50 Hz 3ø                                  | 415 V, 50 Hz 3ø  | 415 V, 50 Hz 3ø  |
| Min. Longitudinal Pitch             | 25 mm  | 25 mm            | 25 mm            |
| Min. Cross wire Pitch               | 25 mm  | 25 mm            | 25 mm            |
| Maximum speed                       | 70-80 stroke per minute for wire diameter 2.5 mm |                  |                  |
| Approximate Weight                  | 8,000 kg.  | 6,000 kg.        | 5,500 kg.        |
| Dimensions                          | Length   | 2000 mm          | 2000 mm          |
|                                     | Width  | 4100 mm          | 2900 mm          |
|                                     | Height   | 1780 mm          | 1760 mm          |

*\*Specifications and dimensions are subject to change in accordance to our policy of continuous improvement.*



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CONTINUING THE LEGACY OF JAYA HIND SCI AKY LIMITED

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