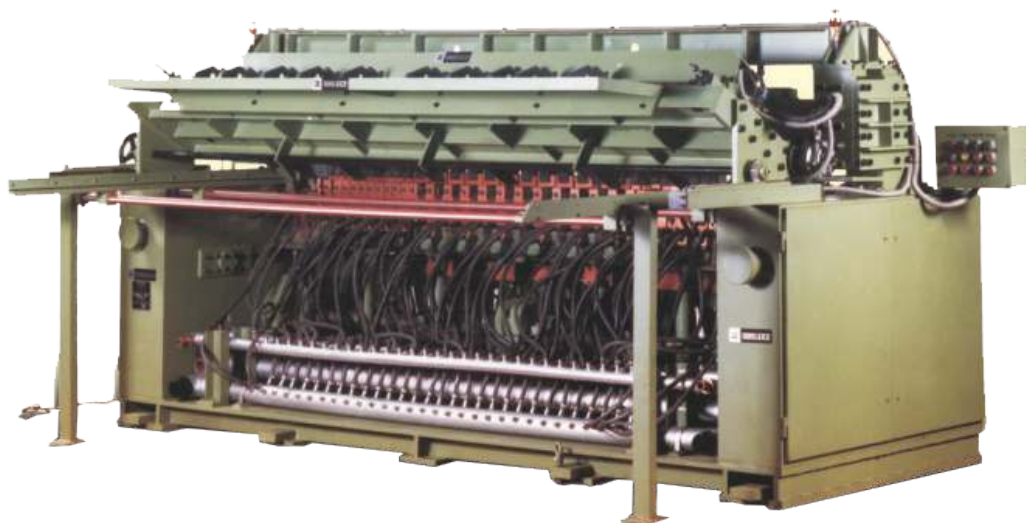


# WIRE MESH WELDING MACHINE



**Weld Mesh Welder**

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

## 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 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 3 $\phi$	415 V, 50 Hz 3 $\phi$	415 V, 50 Hz 3 $\phi$
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	1780 mm
		1760 mm	

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

# WIRE STRAIGHTENING & CUTTING MACHINE

## MODEL - WSC

World renowned Sciaky design WSC gives you consistent straightness of the wires for various application like welded wire mesh

### Wire Straightening & Cutting Machine

#### WSC Product Range:

#### Features:

Wire Dia. : (a) 1.6 mm to 4.0 mm

(b) 2.0 mm to 6.0 mm

Production Speed : 20-40 Meters / Min.

Motor : 2 HP & Above



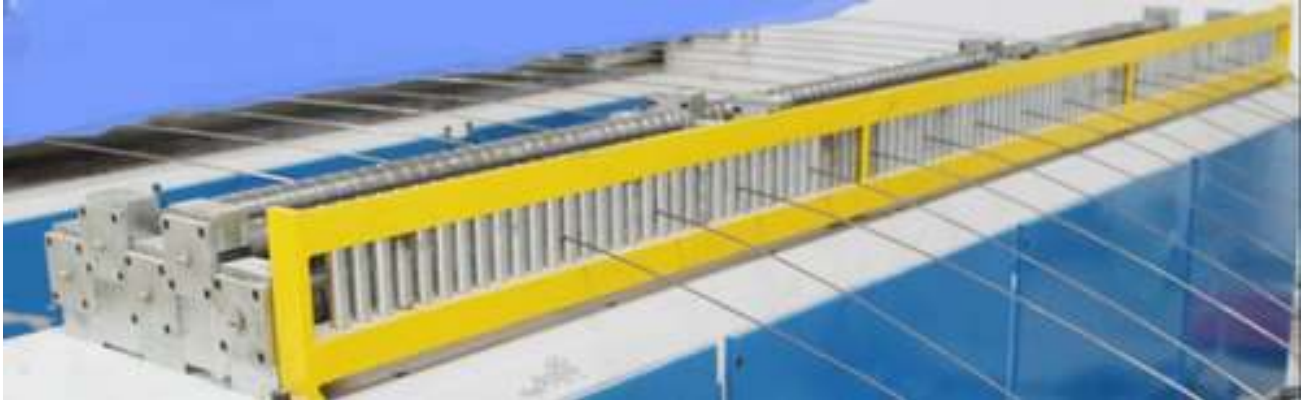
#### Specification :

Weight	: 150 kg.
Wire Cutting Length	: Max upto 2.5 meter
Diameter of Wire	: 1.6 mm to 6 mm
Material	: MS & GI
Automation Grade	: Semi-Automatic
Wire Feeding	: Through Wire Spool
Working Space	: Approx. 3 Meter x 1 Meter
Motor Power	: 2 HP and above
Production Speed	: 20-40 meters per minute

# LINE WIRE STRAIGHTENER

## Model - LWS

Line wire straightener is used for straightening of the line wires or long wires used in manufacturing of the welded wire mesh.



### Specification :

Application	:	Long / Line Wire Straightening
Width	:	1500 mm; 2000 mm & 2500 mm
Automation Grade	:	Manual
Gauge / Wire dia	:	1.6 mm to 4.0 mm

# WIRE SPOOL

## Model - WS

For Un-Coiling (0.8 mm to 4.0 mm) of wire diameter to be used for manufacture various wire mesh products.

### Specification :

Material	:	MS / GI
Spool Size	:	36" x 36"
Spool Diameter	:	36"
Spool Shape	:	Oval & Circular



# REPAIR WELDER (FOR WIRE MESH)

## Model - RP

Repair Welder is used to repair any short comings or wire missing in the continuous welded wire mesh. This is portable, standalone transformer and the spot welding push pull arrangement type gun.

### Repair Welder



#### Specification :

Material	:	MS & GI
Model Number	:	RP
Max. Welding Wire Dia.	:	4.0 mm
Output Current	:	100-200A
Automation Grade	:	Manual
Welding Type	:	Spot Welding

# WELDED WIRE MESH COILING UNIT

## Model - WMC

### Features:

- ▶ For Welded wire mesh Coil (Wire Diameter): 1.4 mm to 4.0 mm
- ▶ Welded wire mesh Coil
- ▶ Width: 2 Meters / 2.5 Meters / Customized
- ▶ Approx. Coiling Machine Weight: 360 Kg & 450 Kg (For 2.0 Meters and 2.5 Meter Welded Mesh Width)
- ▶ Approx. Speed Obtained: 20 to 40 RPM.

### Welded Wire Mesh Coiling Unit



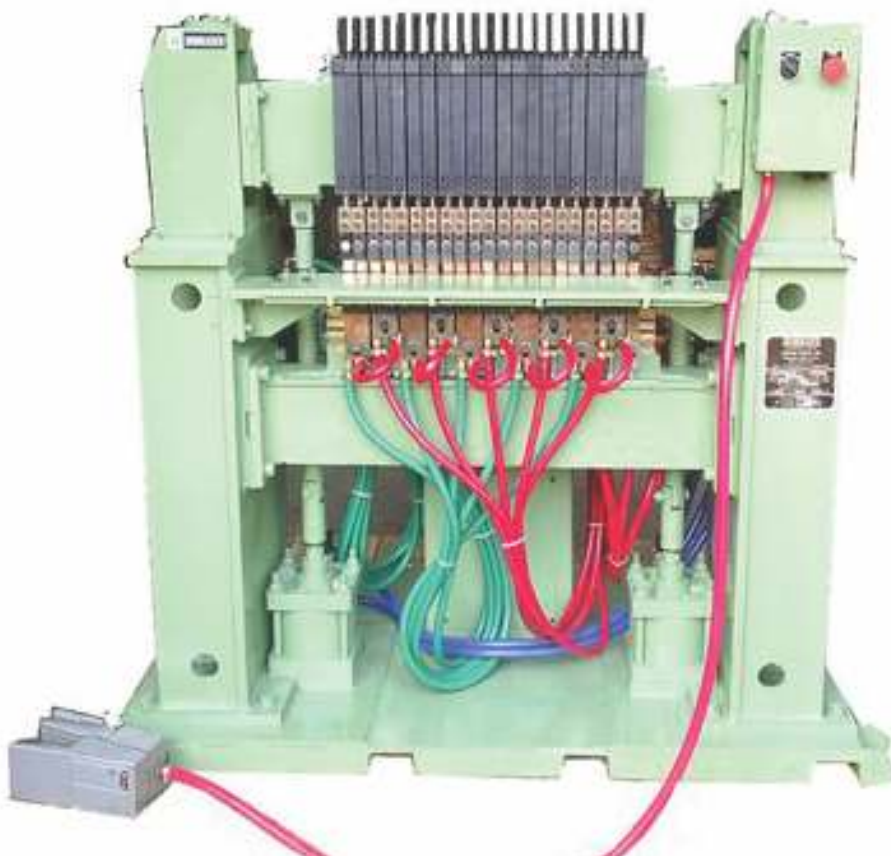
### Specification :

Automation Grade	:	Semi- Automatic
Capacity	:	1.4 mm to 4.0 mm Dia Wire
Power	:	3 Phase
Design	:	Standard
Machine Weight	:	360 kg. & 450 kg. (Resp. 2 Meters & 2.5 Meters)

# MULTI-SPOT PARTITION WELDER FOR POULTRY WIRE CAGE

- ▶ Multi-Spot Partition Welder - For Poultry Application
- ▶ Used exclusively for cross wire mesh welding application in Poultry Cage manufacturing.
- ▶ Suitable for 580 mm width of the welded wire mesh

## Multi-Spot Partition Welder



### Specification :

Usage/Application	:	Poultry Cages
Automation Grade	:	Semi-Automatic
Type	:	Welded Wire Mesh
Power	:	Load 25HP
Frequency	:	60HZ
Output Current	:	>500A
Phase	:	3 Phase
Surface Treatment	:	Excellent