



Hydra Roll

Computerized Mesh Roller
By



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“**ERMCo** Certified Value”

Specifications and Requirements

Model – WRCMR5.0-144105

Wire:

- Width: 48 – 144 inches.
- Size: W2.0 to W10.5
- Cross Wire Spacing 4, 6, and 8 inches.

Preprogrammed Shapes:

- Round: 18 inches to 144 inches (pipe diameter)
- Elliptical: 30 inches to 96 inches (equivalent round pipe)
- Arch: 36 inches to 96 inches (equivalent round pipe)
- Elliptical/round 24 inches to 96 inches (pipe diameter)
- Flat mats: 46 inches and longer
- B and C Wall Single and Double Cages.
- Cage Tolerance Exceeds ASTM C76

Standard Features:

- User Friendly, menu driven computer control system with all recipe files saved to memory.
- 100 selectable custom recipes with name entry allowing operator to make non-standard wire cages or mates.
- One touch wire cage length and size adjustability calculated by controller.
- Control system monitoring that notifies operator on status of mesh roller, tracks material usage, and when scheduled maintenance is due.
- Help screens that include built in operators manual on screen to assist operator.
- Emergency stop switches at multiple locations.
- Adjustable cutting location utilizing low maintenance photo electric cross wire sensors.
- “Easy-load” mesh loading system.
- Large diameter adjustable flattening and traction roller with digital read out.
- Grooved driven rollers for increased traction.
- Shear blades with multiple cutting edges.

Total Weight:

- Mesh Roller 47,200 lbs.
- Payoff Roller 7,400 lbs.

Facility Requirements:

Power: 20hp
95 Amps @ 230 VAC 3 Phase
60 Amps @ 460 VAC 3 Phase
40 Amps @ 575 VAC 3 Phase
(Voltage to be specified at time of order)

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