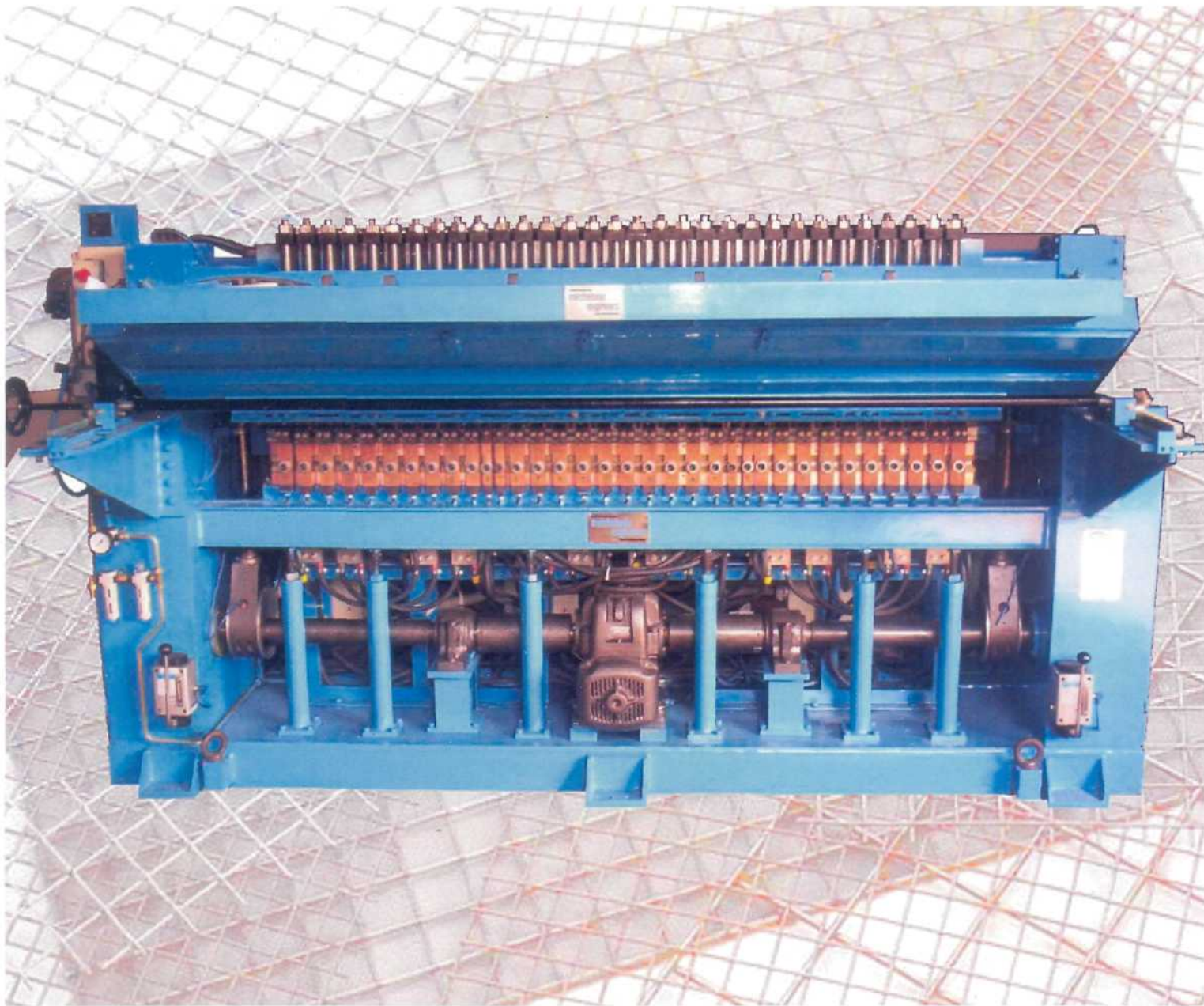


mechelonic engineers pvt. ltd.



**WIRE MESH WELDING MACHINE
MODEL 19-77**

www.mechelonic.in

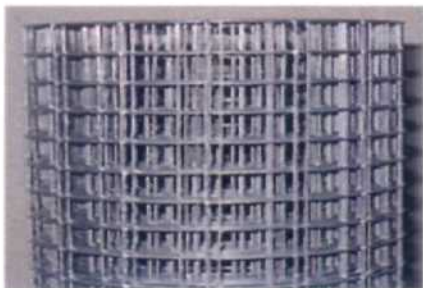
mechelonic engineers¹ Wire Mesh Welder is designed for the economical manufacture of welded steel wire fabric for general use and conforming to I.S. Specn. 1566/4948 as per the welding range specified. The wires can be either galvanised or cold draw. The application of high current and high forging pressure under precise control of a special welding controller and a PLC based sequence controller results in high quality electro forged weld joints that meet the highest standards.

TECHNICAL DATA

Wire Diameter	2.6 to 6 mm
Machine KVA	350 KVA & 450 KVA
Material	Low carbon steel
Weld Force	150 Kgf/Head
Cross Bar Pitch	25 & 150 mm
Long wire Pitch	25 to 150 mm
Mesh Size	2500 wide .

The machine is suitable for 24 hours producing wire mesh in coil form. The machine as a standard is available in two basic sizes, 8 feet & 6 feet widths. Each of these models are flexible and are of modular design. The number of pressure heads, number of wires grippers, capacity of welding transformers can be easily changed depending on specific requirements at the time of order. All parameters like wire pressure, current and time are easily adjustable and this makes the machine perfectly suitable for, construction mesh, commercial mesh & poultry applications. The machine can be easily adjusted to get various cross wire and long wire pitch.

The controls are done with the help of programmable logic controller. The PLC has also got an alpha numeric display which announces different fault conditions like over temperature, no waterflow, wire dropping fault etc. It also will be displaying weld counter & be programmed for batch jobs.



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