



MX-5525 Center Stripping Machine



■ APPLICATIONS:

The Mechtrix MX-5525 Bench Top Center Stripping Machine is an electro-pneumatic device that will remove a section of insulation along the length of an insulated (electrical) wire. The MX-5525 is designed to be a manually loaded stand alone machine. The MX-5525 is capable of removing a 10mm to 20mm wide section of insulation from 12 thru 22 AWG (0.3mm² thru 3.0mm²) stranded or solid conductor wires. Insulation types suitable for process to be confirmed by Mechtrix following testing of customer's wire.

■ METHOD OF OPERATION:

Individual wires are loaded into the processing slot located on the top of the machine. The footpedal is depressed and the dedicated tooling removes the preset section of insulation along the length of the wire. The wire is then removed from the machine and is ready for the next piece.

■ SPECIAL FEATURES:

- Dedicated tooling requires no additional operator adjustments once the machine has been set-up.
- Small size allows the machine to be easily moved to provide greater flexibility for cellular manufacturing.
- Quick and simple set-up procedure reduces down time.
- Simple machine operation requires minimal operator training to produce good results.
- Clear safety cover allows the operator to see the entire process to simplify trouble shooting.

■ TECHNICAL DATA:

Wire Range:

- 22 AWG to 12 AWG (0.3mm² to 3.0mm²)

Machine Footprint:

- 29" long x 12.5" wide x 10.5" high (737mm long x 318mm wide x 267mm high)

Machine Weight:

- 54lbs. (24.5kg)

Pneumatic Requirements:

- 0.5 cfm @ 80 psi (14.1 l/min @ 0.5 mpa)

Pneumatic and Integrated Safety Control:

- Integrated PLC

Electrical Requirements:

- 85 to 264VAC, 50 to 60Hz (switches automatically)

Cycle Time:

- 2 seconds