

Ridgway VTM-TS VERTICAL TAPING MACHINE TWIN SERVO

Designed to apply a large range of taping materials to conductors and cables.



VTM-TS Taping Machine

Concentric bi-directional tape heads

The VTM-TS has two concentric servo driven tape heads which can accommodate flat or traverse wound tape packages. The motors have brakes to maintain continuous synchronisation and prevent inadvertent head rotation by the operator.

Constant tape tension

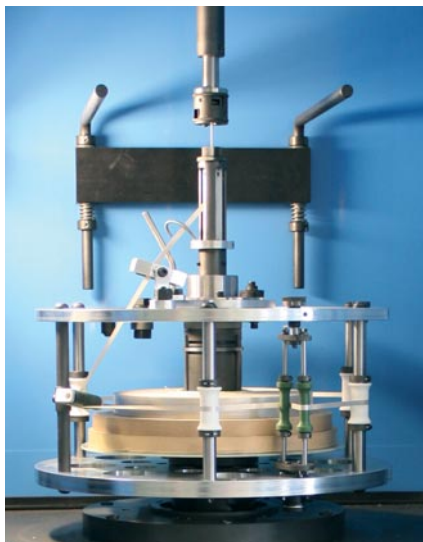
The heads are electronically linked through a dancer unit, which provides extremely accurate tape tension control throughout the taping process. The dancer detects tape breakage and instructs the machine to come to a rapid controlled stop.

Simple operation

The operator inputs taping parameters and the helix angle is displayed to enable tape head set up – a recipe memory is included in the control system to allow the operator to create, save and load taping recipes.

Ridgway refinements

- ▼ Photo electric low tape detectors bring the line to a controlled halt when the tape pad is close to finishing.
- ▼ Conductor steadies with adjustable guide roller units hold the conductor or cable steady during the taping process.



- ▼ Strobe lights are fitted for 'freeze frame' views of the taping process.
- ▼ Control system allows communication with ancillary equipment.
- ▼ Other heads – such as tangential tape heads – are available.

Remote diagnostics

Simply plug the VTM-TS into the internet and Ridgway engineers connect to the machine and diagnose problems very quickly.

▼ SPECIFICATION

Conductor capacity
Ø 1.0mm to 14.0mm

Maximum line speed
50 m.min⁻¹

Maximum operating speed
Up to 2000 rev⁻¹

Maximum tape pad/package size
320mm outside diameter
x 120mm high x 76mm bore

Max. tape pad weight 7 kg

Tension range 8 to 25N

Taping spindle through bore
15mm diameter

Machine weight 1400 kg

Electrical supply
400 volt, 3 phase 50 hertz
(other supplies available)

PC control front end provides the VTM-TS operator with easy to use controls.

▼ KEYBOARD CONTROLS FOR:

Line speed control

Line start and stop and 'jog'

Increase/decrease head speed

Acceleration/deceleration % rate

Batch count, reset and value

▼ TAPING PARAMETERS:

Conductor dia., or width & thickness

Tape width & thickness

Overlap in % or mm

Bi-directional head rotation

▼ OPTIONAL EXTRAS:

Pay-off/take-up drum stands

Dancer units

Air conditioning of machine and/or electrical cabinets

Top quality solutions to all your taping machinery requirements are only a contact call away...



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