

Ridgway Bunching Lines

HIGH SPEED HORIZONTAL BUNCHING LINES

FOR TAPING WIRE AND CABLE

Designed for the application of bunching and taping



Bunching & Taping Lines...

A complete solution offering the capability to separately insulate, bunch and collectively insulate stacks of conductor.

If space is a constraint, we can design a compact unit to suit your exact requirements.

Pay off drum stand

- ▼ Complete range – torque and dancer control available.

Straighten and Clean

- ▼ Hardened steel rollers with powered brushes are incorporated into the design, providing perfectly straightened and cleaned conductor prior to tape application.

Taping Machines

- ▼ Servo motor drive
- ▼ Photo-electric tape break detectors
- ▼ Low tape pad detection
- ▼ Conductor steady with adjustable guide roller units
- ▼ Strobe light option giving freeze frame view of taping process

Taping heads

Extensive range for all applications:

- ▼ Tangential heads with 2, 3, 4 or 8 tape pads
- ▼ Concentric heads for traverse wound packs or flat pads

Caterpillars

- ▼ Up to 5000N pull
- ▼ Servo drive, synchronised to tape head speed
- ▼ Pneumatically controlled belt pressure

Take up drum stand

Complete range available including:

- ▼ Traversing drum – servo driven
- ▼ Traversing wire – Uhing type
- ▼ Drum Ø sensing
- ▼ Variable torque control

Control System

- ▼ A free standing operator control console is supplied. In addition, total line control is available from every taping machine in the line

Reliable

- ▼ When integrated into a Ridgway taping line skilled engineers are available for fast, professional support via remote diagnostics.

▼ SPECIFICATION

Bunching Lines...

Taping head speed
Up to 1000 rpm

Spindle through bore
Ø – up to 40mm

Finished product capacity
Up to 1200mm²

No. of conductors
Up to 8

No. of bays after bunching
Up to 5

Line speed
Up to 60 metres per min.

Tangential taping heads
Tape pads per head – up to 8

Concentric taping heads
Flat pad
Traverse wound pack

Bi directional head rotation

Options...

Waxing units

Burr detectors

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



Ridgway

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