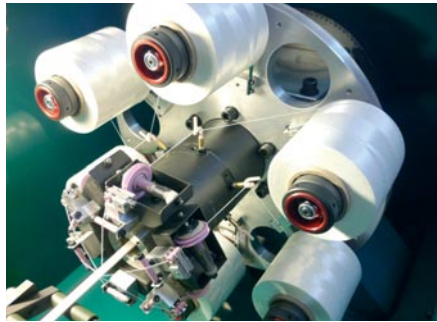


# Ridgway Glass Taping Line FOR ROUND AND FLAT CONDUCTORS

*Designed to insulate round or flat conductors by applying glass fibre yarn, immersing in enamel and oven curing.*



## Glass Taping Line...

### Pay off drum stand

- ▼ Complete range – torque and dancer control available.

### Caterpillar – two in line

- ▼ Twin caterpillars for line tension control.

### Straighten and Clean

- ▼ Sets of hardened steel rollers and powered brushes ensure that conductor is perfectly straight and clean prior to applying glass.

### Taping Bays

- ▼ Two taping bays per line with a choice of taping head.
- ▼ Multi bobbin tangential for large conductors or twin servo concentric heads for small conductors.

### Enamelling, heating and cooling system

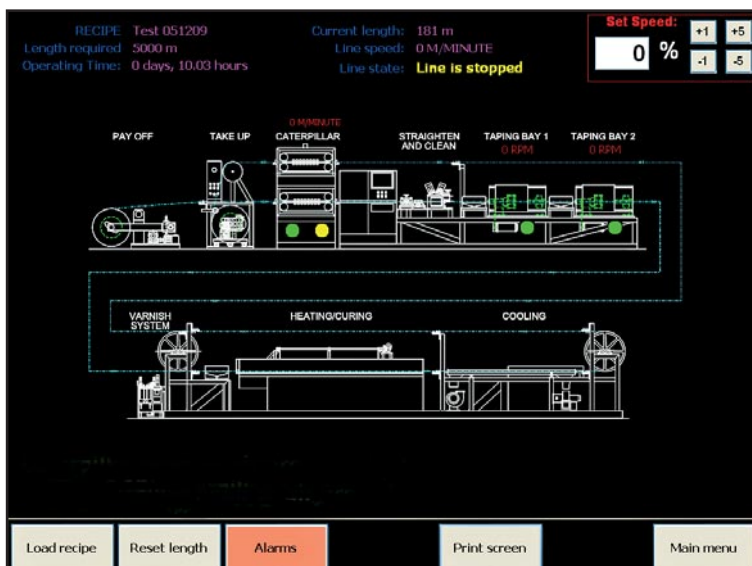
- ▼ Curing oven temperature managed by PLC, providing ideal curing conditions via the radiant and air re-circulating oven. Cooling by forced fresh air circulation.

### Take up drum stand

- ▼ Servo driven drum carriage for control of conductor layering. Dancer controlled variable torque geared motor, combined with ultrasonic sensor ensures precise conductor tension throughout winding process.

### Control system

- ▼ Full communication and control between all line elements including ancillary equipment.



## ▼ SPECIFICATION

### for concentric taping...

Twin servo drives for constant tension

### Taping head speed

Up to 2000rpm

### Yarn tension

5 to 30N

### Conductor capacity

6mm<sup>2</sup> to 100mm<sup>2</sup>

### Tape pad - Copse

Max. Ø 250mm • Core Ø 76mm  
 Max. height 120mm

### Line speed

Up to 15 metres per min.

## ▼ SPECIFICATION

### for tangential taping...

### Taping head speed

Up to 500rpm

### Yarn tension

5 to 30N

### Conductor capacity

6mm<sup>2</sup> to 100mm<sup>2</sup>

### Tape pad

Max. per head 6  
 Max. Ø 130mm • Core Ø 50mm  
 Max. height 120mm  
 Max. tape pad weight 2.1kg

### Line speed

Up to 15 metres per min.

## Available in single or twin line configuration

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



# Ridgway MACHINES

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