

Ridgway **BTU100** **BAND TENSION UNIT**

Designed to apply preset tension to tapes and wires when banding armatures.



Band Tension Unit...

The BTU100 is a self contained unit used to apply controlled tension to wire or tape when banding armatures.

The BTU100 accepts glass fibre tape up to 30mm wide and both round and flat steel wire.

Tension control

- ▼ Tension is monitored continuously by a hydraulic sensing head fitted with a calibrated manual dial display. Variable tape tensions can be set and a "quick release" is actuated to release tension at the end of the banding cycle.

Tension adjustment

- ▼ Tension can be easily varied via adjustments made to the tension reel arrangement.

Straightening

- ▼ Straightening rollers, pre-tension pads and guide rollers are provided for banding with wire.

Flexible mounting

- ▼ The BTU100 can be simply floor mounted, fitted to the saddle of an existing winding machine or incorporated with the Ridgway TS traversing saddle to offer a complete solution.

TS Traversing saddle

- ▼ The TS Traversing Saddle consists of a pair of rails suitably braced for floor mounting. The traversing saddle is easily moved smoothly along the horizontal axis via a manually operated gear and chain driven rack and pinion. The standard traverse length is 1500mm however other lengths can be made to order.

▼ SPECIFICATION

Band Tension Unit

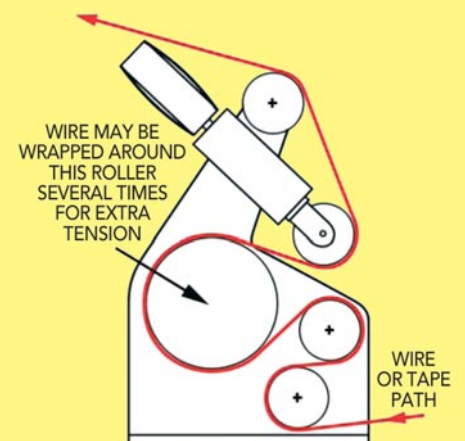
Tension range
Up to 680 kg (1500 lbs)

Maximum tape width
30mm

Maximum wire dia.
3mm Ø

TS Traversing Saddle

Traverse length
1500mm as standard
Custom lengths available



Top quality solutions to all your coil manufacturing requirements are only a contact call away...



Ridgway

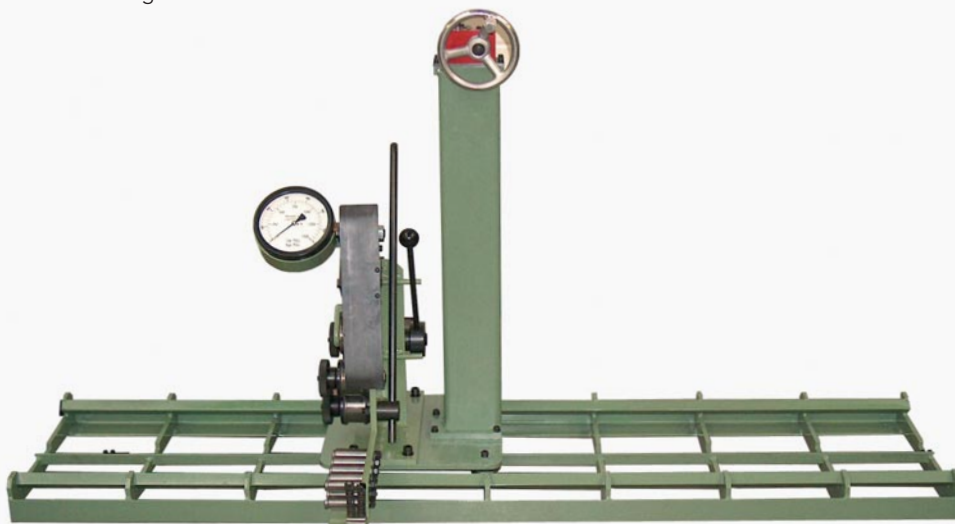
MACHINES

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Traversing saddle shown with band tension unit

BTU100mw/1006