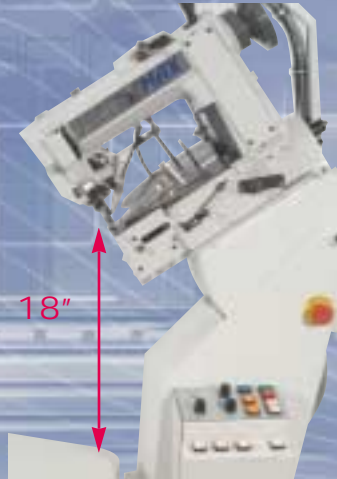
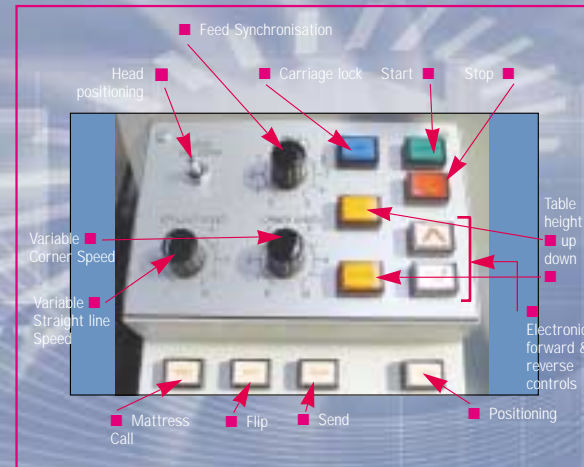


Technical Description



ERGONOMIC CONTROL FEATURES



High Speed Electronic Tape Edge Machine with integrated mattress handling and turning facility

A complete mattress production system that incorporates the traditionally accepted tape edging method and combines it with a mattress turning system that totally eliminates the manual handling and turning of today's heavyweight and oversized mattress products.

SYSTEM T180 offers the following important features:

- ❖ Labour costs reduced by increased handling efficiency.
- ❖ Reduction in operator fatigue by eliminating manual handling.
- ❖ Conveyed movement of pre-formed products onto tape edge table.
- ❖ Automated transfer to the mattress turning system which easily handles today's Ultra Premium products.
- ❖ A traditional style tape edge sewing system with the additional benefits of improved ergonomics and automated functions.

Dimegrove High Speed Electronic Tape Edge Machine with integrated mattress handling and turning facility

Features of System T180

Sewing head & controls

Controls

- ❖ Eliminates manual handling of mattress products.
- ❖ Conveyorised Mattress positioning feature to place small and king-size mattresses into desired positions on the tape edge table.
- ❖ Automatically transports mattress to and from the 180 degree turning device.
- ❖ Minimises disturbance of fillings during turning operation.

- ❖ Available with 300U high speed chain sewing head or heavy duty lock stitch sewing head.
- ❖ Pneumatic foot lift (option available).
- ❖ Extensive choice in binders.
- ❖ Variable speed up to 3,500 rpm.
- ❖ Adjustable stitch length.
- ❖ High lift needle cam.

- ❖ All the controls necessary to operate the System T180 are mounted on one single ergonomically designed control pod.
- From here the operator can easily adjust the following:
- ❖ Start/Stop machine.
- ❖ Straight line carriage speed.
- ❖ Corner speed.
- ❖ Table height.
- ❖ Angle of sewing head
- ❖ Position of the carriage around the table.
- ❖ Increase or decrease the amount of feed.
- ❖ Needle cooling on/off.

MATTRESS PRODUCTION TECHNOLOGY GROUP LIMITED

Newline Industrial Estate, Newline, Bacup, Lancashire, England OL13 9RW

Tel: +44 (0)1706 878558. Fax: +44 (0)1706 878288. Internet: www.mptgroup.com e-mail: info@mptg.demon.co.uk



A DIVISION OF
MATTRESS PRODUCTION
TECHNOLOGY GROUP LIMITED