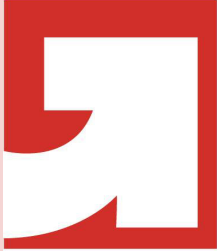


GARNETT



CONTROLS

Carding & Textile Machinery Safety

All employers have a legal obligation to ensure the safe working of the employees. Employees also have an obligation of ensuring that safe working practices are adhered to and that all safety equipment is in good order.

Textile Processing Machines by their very nature are dangerous if misused. The carding machine has long been recognised as one of the most dangerous machines in the industry. It is for this reason that special safety rules governing carding machines have been introduced. Garnett Controls continually monitors regulations and their implementation on the shop floor. Working alongside processors and talking openly with the Health and Safety Executive the company carries out risk assessment on Carding Machines and associated equipment, identifying key areas for change.

The technical expertise of the company ensures that existing machinery has the correct electrical modifications to drives etc. to ensure that the control of the machine in "Limited Inch Mode" and "Super Slow Crawl Mode" (2m/Min) can be met.

Limited Inch Device

The "Limited Inch Device" is operated by a hold to run 'Inch' button, a footswitch or two-handed controls. The actuator is on a pendant that is plugged into control stations located conveniently around the Card, so that the operator can see the Card in motion easily and safely. Being an International "Euro Norm" standard it applies equally to all machinery used in the rest of the EEC.



Single Key Interlock System to allow access through one guard only



Limited Inch Control Station



Typical Control Panel fitted with Limited Inch

For Further Information See:

The Supply of Machinery (Safety) Regulations 1992 (The Machine Safety Directive)
PUWER II (The Provision and Use of Work Equipment Regulations 1998)
Safety Requirements for Textile Machinery BS EN ISO IIIII:1996

* The Machinery Safety Directive has been statutory for new machinery for many years, but it has a staged introduction to cover 2nd hand machinery and existing machinery already in use on the shop floor.

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