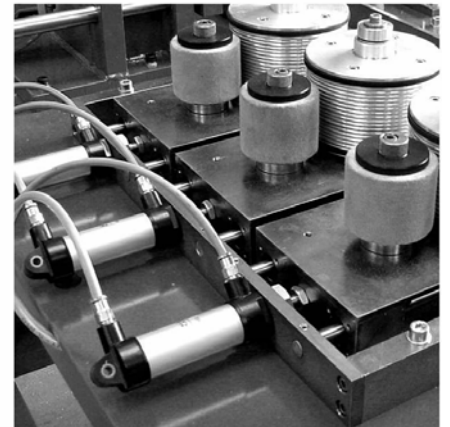
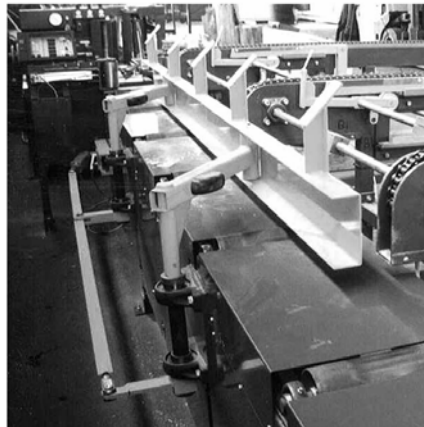
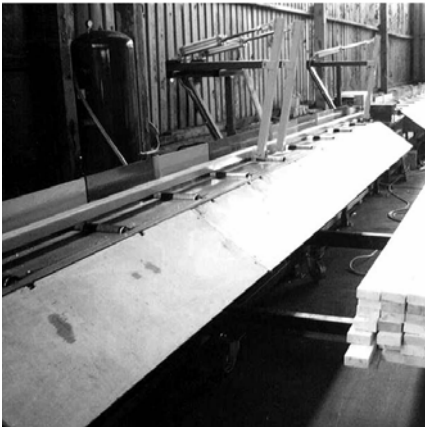
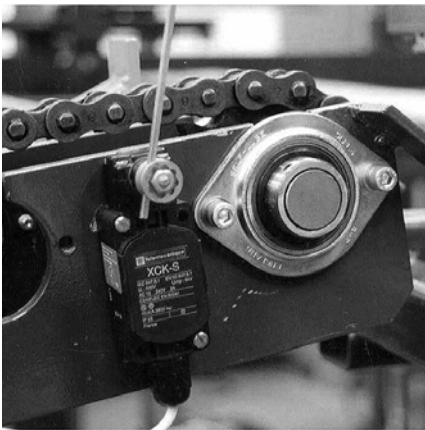




MATERIALS HANDLING EQUIPMENT

TIMBER HANDLING SOLUTIONS FOR BUSINESS



MAXIMISE PRODUCTION - MINIMISE MANPOWER - INCREASE PROFITS

MATERIALS HANDLING EQUIPMENT

TIMBER HANDLING SOLUTIONS FOR BUSINESS



A small selection of our MATERIALS HANDLING solutions for business. We design machinery that enables our clients to achieve maximum production whilst using minimum manpower to enable you to attain the most profit from each timber piece produced. Our designs range from simple conveyors for hand feeding - through to more complex systems that can automatically handle, sort, mark and stack timber into pre-specified grades. Maximise your production potential using our FREE design service.

SINGLE PIECE FEEDER



This apparatus is a four or five strand chain which employs a width adjustable hold and release mechanism, designed to hold back all timber allowing only the first piece to be released to the infeed conveyor. The profile of the feeder together with the infeed guide are responsible for turning the timber on edge ready for grading.

INFEED CONVEYOR



A heavy duty belt conveyor equipped with a moving guide mechanism designed to keep the timber upright until it has entered the strength testing machine. On entry to the machine the guide will automatically be removed to prevent interference with the grading process.

REJECT OUTFEED CONVEYOR



A belt driven roller conveyor fitted with pneumatically operated kickers to eject reject timber as determined by the Strength Testing Machine. The conveyor is also fitted with a guide arrangement designed to keep the timber upright while passing to Full Length Marker but is automatically removed prior to a reject being ejected.

DOUBLE OUTFEED CONVEYOR



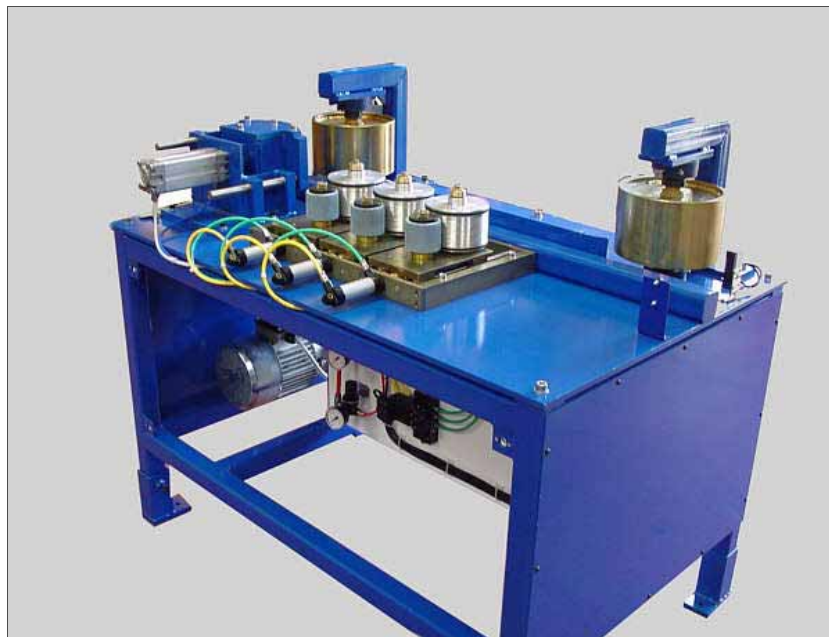
This conveyor is a belt driven roller conveyor fitted with pneumatically operated kickers to give two separate timber collection stations. The kick signals are issued from the central control console and can be selected to accommodate any permutation of the four grades available at the Strength Testing

FULL LENGTH MARKER



This marker is designed to straddle an existing belt conveyor and requires the drive to the marker and timber to be exacted from the belt. The marker can operate with a maximum of four roller markers which receive operating signals issued from the Strength Testing Machine via a central control console arrangement. Each of the rollers is actuated to the timber surface by a pneumatic operated cylinder and inking is pressure fed from separate tanks, allowing different colours to be used for each roller. The marker is available in three formats incorporating 2,3 or 4 markers

INDEPENDENT FULL LENGTH MARKER



This marker is a self powered marker which employs pneumatically operated ink rollers to effect a grade mark down the full length of the timber. The marker is produced to give a maximum of four grade marks but is also available in two and three marker arrangements. Inking is by exchange pre-inked roller pads of either soakable or dispensable types.

INDEPENDENT AUTOMATIC STACKER



Successive boards are transferred to the Auto Stacker which accommodates 5 boards in width and up to 25 layers in depth (normally set to 20).

The stacker automatically discharges the full stack of timber via a chain conveyor enabling a relatively constant feeding operation.



measuring and process control ltd

Unit 2, Tabrums Industrial Estate Battlesbridge, Essex, SS11 9QX, UK
TEL: +44 (0) 1245 322855 FAX: +44 (0) 1245 328922
email: sales@mpcuk.co.uk website: www.mpcuk.co.uk