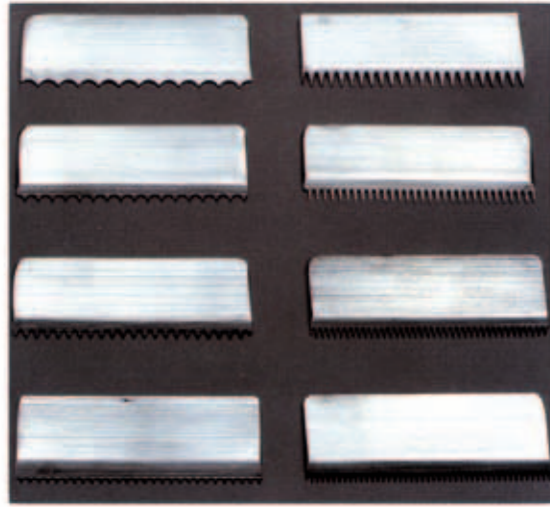


FLY COMBS BLADES



Comb stocks are supplied with blades fitted to the comb stocks.

The blades are available with "U" or "V" shaped teeth, with tooth pitch to suit customer requirements.

In general, coarse pitch (4-8 teeth/25 mm) blades with "U" shaped teeth are preferred for synthetics and wool/synthetic blends.

FLY COMB GEARBOXES FOR "OMTP" UNITS

Full range, as originally supplied by OMTP is available, including relevant spare parts.

"OMTP" fly combs have been fitted for 40 years on cards by: BEFAMA, BEMATIC, BO.MA. TEX, CORMATEX, F.O.R., HOUGET DUESBERG BOSSON, MAKIE, OCTIR, RAMELLA, SPINNBAU etc.



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EGO 3500 SBD FLY COMB SYSTEM

An entirely new, recently patented, electronically controlled doffing concept. Specifically designed for modern high production carding machines for wollen, worsted, synthetics and non wovens.

The system offers considerable advantages over conventional mechanical box systems, enabling high speed cards to be run at full potential.

SBD SYSTEM

If excess fibre accumulates on the doffer at the comb blade, the electronic control detects any reduction in the stroke of the blade and can be pre-set to stop the comb motor and card before the comb blade or doffer wire are damaged. After clearing any blockage, the operator restarts the comb and card at the push of a button.

STROKE

Unlike conventional mechanical comb boxes, the stroke of the comb blade on the EGO system can be easily adjusted through a potentiometer at the control console. The stroke range is 20 to 55 mm and can be adjusted to suit doffer speed and material etc.



MB PAV FLY COMB SYSTEM

High speed fly comb system for high production cards doffing up to 60 mt/min. The MB PAV is a rigid beam system with one standard Master Box, off-end with bearings and one steel or light alloy stock with central support.



SPEEDS

working width	2000 mm	2500 mm	3000 mm
maximum speed with steel-stock	2400 rpm	2400 rpm	2000 rpm
maximum speed with alloy stock	2500 rpm	2400 rpm	2200 rpm

MB FLY COMB SYSTEM



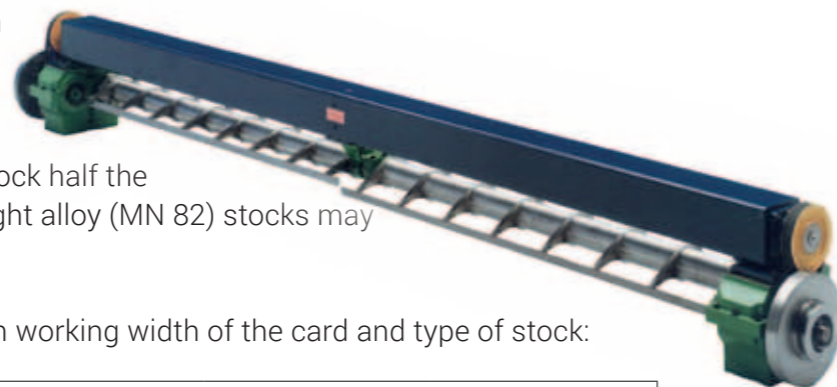
Ideal for most carding machines up to 2.5 M working width. MASTER BOX is available as standard (MB/N) or reversible (MB/R). Bearings OFF-END Balanced TUBULAR STOCKS available in steel or light alloy. Tubular steel stocks are available with straight, heavy duty forged steel pillars or curved forged steel pillars designed to reduce web deformation by air current.

Maximum running speeds depend on working width of the card and type stock:

working width	1500 mm	2000 mm	2500 mm
maximum speed with alloy stock	3000 rpm	2400 rpm	2100 rpm
maximum speed with steel stock	2600 rpm	2100 rpm	2000 rpm

PRATO 2 MB AND PRATO 2 MB SYNCHRO FLY COMB SYSTEM

High speed fly comb system for high production cards doffing up to 100 M/min. The Prato 2 MB is a rigid beam system with two reversible Mater boxes, each driving a comb stock half the working width of the card. Steel or light alloy (MN 82) stocks may be specified.



Maximum running speeds depend on working width of the card and type of stock:

working width	2500 mm	3000 mm	3500 mm
maximum speed with steel stock	2800 rpm	2600 rpm	2500 rpm
maximum speed with alloy stock	3100 rpm	3000 rpm	3000 rpm

The Prato 2 MB Synchro system (see photograph) will also run at these speeds. The patent synchro beam eliminates vibrations to the changing cyclical phases of the two comb boxes. It also enables the system to be driven by one motor.

NEW MB OR MASTER BOX

The latest OMM fly comb box, is designed for versatility, high performance and ease of maintenance.

- **Versatility:** The new MB is available as standard (MB/N) or reversible (MB/R). Both models can be re-handed, the latter without dismantling. The MB is mounted on one of a selection of bases, giving a wide range of working heights usually measured from comb base to centre of comb stock.
- **Performance:** The Master Box is made for high speeds with heavy duty bearings supporting re-designed moving parts.
- **Maintenance:** The simple structure of the MB simplifies maintenance and repair.



Recommended Oil – ISO VG 68 changed every 3 months.