

XLSA –

Passport

Stationary flat system under the lickerin

What?

Most modern cards have stationary (or fixed) flats under the lickerin. Bekaert Carding Solutions offers the XLSA Fibre Saver system to mount in this position on cards with 10 inch lickerin rollers.

The XLSA-system is a work-proven fixed flat system.

Its function is to:

- Subject the fibre tufts from the feed plate to intensive pre-opening and cleaning by the two stationary flats and the knives mounted in the XLSA-system.
- Ensure that trash is eliminated and that only a minimum of good fibre is taken out with the waste.

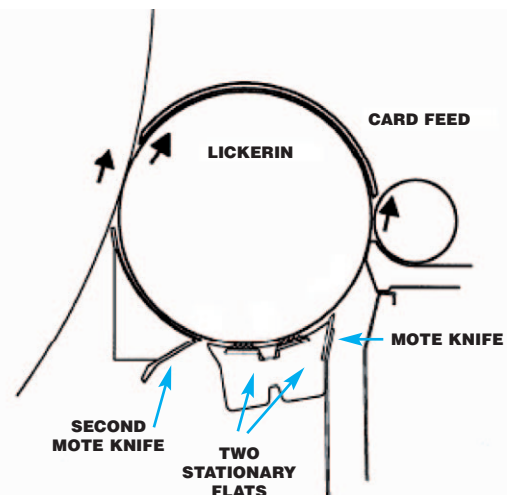
Benefits

- Reduces good fiber loss under the lickerin.
- Increases the removal of trash and unwanted particles.
- Removes fibre chips and fused fibres from synthetic fibres.
- The DT-type fixed flats can be easily exchanged and set to keep the XLSA system in good operating condition.
- Pre-opening and cleaning improves the lifetime of cylinder and top.

Tip

The XLSA-unit pays for itself in 5 – 6 months maximum via the cost of fibre it saves.

Principle of the XLSA:



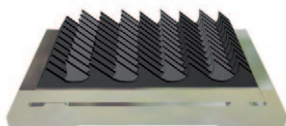
Features

- Anodised wear resistant card segments.
- Protection of the main parts of the card by the very rigid beam of stabilised aluminium alloy fitted with two DT-type stationary flats.
- Easy access and replacement of DT metallic stationary flats from above once the lickerin is removed.
- Easy and accurate setting of the fixed flats
- Independent adjustment of cleaning knives by simple turn-screws.
- Reversible second knife for cotton and synthetic applications.

Application

- Bekaert Carding Solutions has large experience in fitting the XLSA systems on a broad range of different card types and models.

DT type stationary flat



Card without fixed flats at the lickerin.

Card with XLSA system. The lickerin waste contains less good fibres.