

FKM 250



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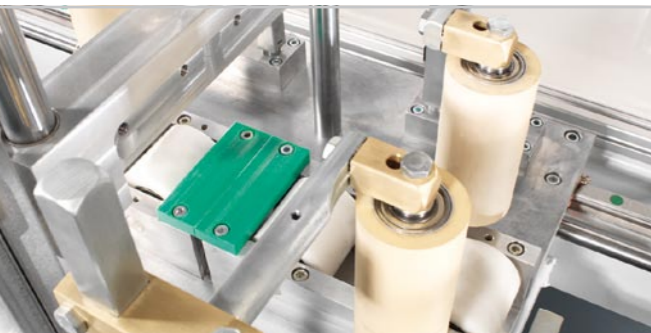


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## Flying cross-cut knife



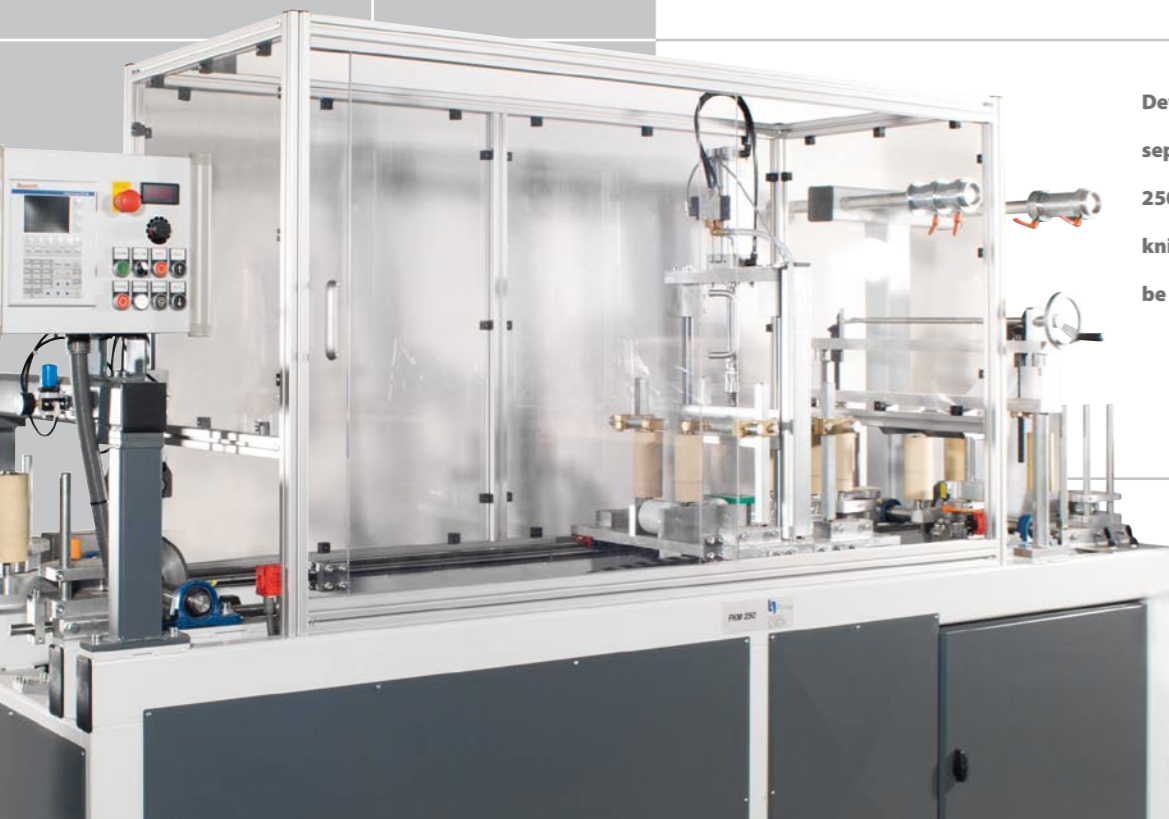
# Flying cross-cut knife FKM 250



The profiles are guided by side rolls to the cross-cut area of the knife for being accurately separated.

The separation of profiles after the wrapping cannot be done without a heavy-duty precise cross-cut knife.

The flying cross-cut knife FKM 250 ensures this maximum of precision: It identifies automatically abutting profiles wrapped with an endless film and separates it accurately. For doing so, a drive motor at the cross-cut unit pulls the profiles first apart. A sensor directly positioned before the cross-cut knife reliably identifies this fine gap narrow up to a millimetre. Once identified the gap, the profile is clamped by the follow-on clamping device and the film is cross-cut by the knife (guillotine). The profile separated now is transported out of the cross-cut area in a safe manner to protect it against damages. Then, the clamping device is released and the cross-cut unit moves automatically in quick motion to its initial position ready for the next cross-cut.



Developed in particular for the separation of profiles, the FKM 250 stands out by its heavy-duty knife, which enables the films to be cross-cut very precisely.

## Its advantages at a glance:

- Cross-cut knife developed in particular for separating profiles in the window (from extrusion technique)
- Lowest tolerances from + / - 2 millimetres via a very precise sensor for gap identification
- Exact side guide and individual choice of the profile width due to comfortable and quick one-hand operation
- Unroll device for pasting the profiles with a protective film
- Universal fields of application by compatibility with profile wrapping machines usual in the market.



Sophisticated mechanism: The three side guide rolls allow to be adjusted in parallel with one deft movement only...



...and thus adapted to the respective profile width with lightning speed.

## Technical data:

Length of the machine:	2.500 mm
Width of the machine:	800 mm (without control cabinet)
Profile length min.:	1.000 mm
Profile length max.:	6.000 mm
Profile width max.:	150 mm
Profile width min.:	10 mm (subject to the material)
Profile gauge max.:	80 mm
Profile gauge min.:	3 mm
Compressed air demand min.:	6 bar
Capacity of cross-cut knife:	30 cycles/min.
Electric system:	230/400 V, 3 Ph, 50 Hz