



Film coating machines

KBM Maschinenbau


Model FB97

The FB97 can be used to apply self-adhesive protective films to flat level workpieces. This operator-controlled machine is available in working widths from 500 mm to 2200 mm.



Easier handling...

...due to new open design.



The film between workpieces is cut manually by using a knife. The machine is optional supplied with roller tables, a lateral workpiece stop, and table drive.

The infeed roller table can be equipped with a pneumatically driven flap. This allows a better access when changing the film.

Model FB97

Equipped as standard with two film unwinding units from above. Optionally a third film unwinding unit from above or for double-sided coating on a lower film carriage can be supplied.

The films rolls are fixed on the stainless steel shafts by means of clamping cones and can be quickly and easily aligned with the workpiece edge.

The lower film carriage can be pulled out on the operator side to change the film.



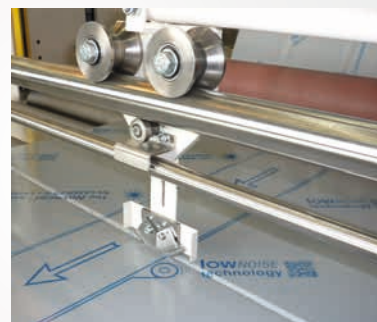
The film is pulled from the roll via a deflection roller and the film tension can be adjusted by means of a finely adjustable brake. The workpiece thickness is set via the handwheel with passage height indicator.

Pneumatic expansion shafts for clamping the film rolls are also available as an option.

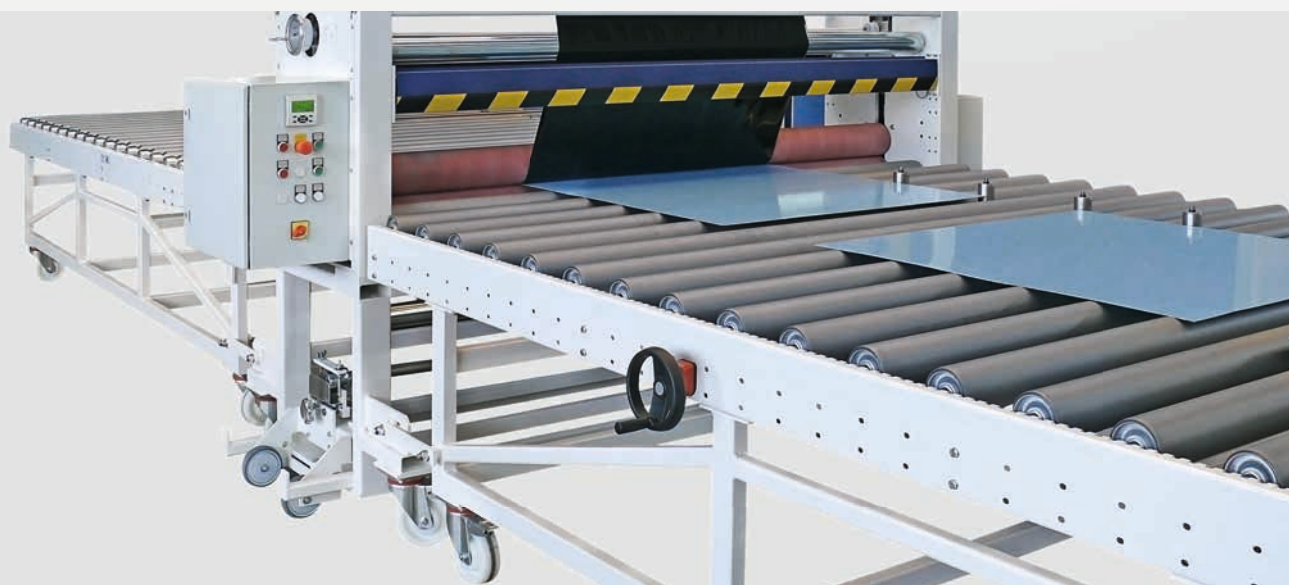
Model FB97 mobile

Supplied as a compact unit with short infeed and outfeed roller tables. Available with semi-automatic control on request.

Convenient manual film cutting by using a knife (only in conjunction with semi-automatic machine control), operated via a guided hand bar.



Optionally the FB97 and the roller tables can be supplied as mobile individual components (mounted on rollers).



Models FB98 and FB99

Machines for more automation.

In contrast to the FB97, the FB98 film coating machine is fitted with an advanced automatic control system for precise film cutting and positioning.



Additional pair of conveyor rollers.

Sensor-controlled workpiece positioning.

Automatic film cutting device with film overhang.

The FB98 can be supplied as a mobile or stationary machine. Infeed and outfeed tables as well as a workpiece stop are optionally available.

The FB99 is a fully automatic film coating machine. The unwinding units are each equipped with an adjustable brake for setting the film tension.

The machine is equipped with three pairs of conveyor rollers for maximum positioning accuracy.

Machine settings and workpiece thickness via touch display.

Single knife unit cuts precisely along the edge.



Model FB91

Manually operated machine for applying self-adhesive protective film. Ideal for small and light workpieces.



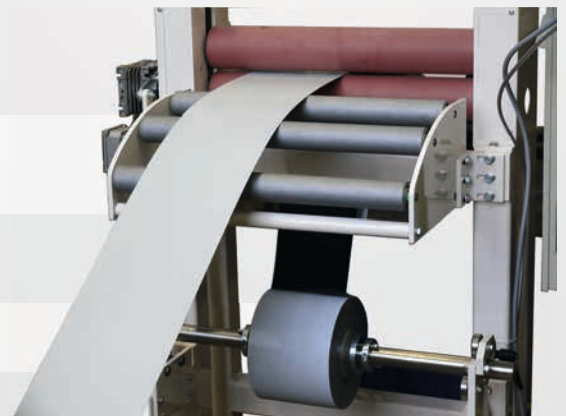
Optionally with base frame.



The FB91 is the simplest configuration of our film coating machines.

Standard working widths 500/800/1000 mm
(special widths also available subject to consultation).

Integration into coil systems possible (custom-built model).



Technical specifications:

(depending on the selected machine configuration)

Working width	mm	500/800/1000/1250/1500/1600/2000/2200
Passage height	mm	0,5-220
Workpiece length min.	mm	500 (1000 at FB99)
Workpiece length max.	mm	=infeed table length
Workpiece weight	daN/m ²	80
Working height approx.	mm	850
Drive power	kW	0,75-1,5
Feed rate		
Basic version	m/min	12
semi-auto. control	m/min	8-13
Film roll diameter	mm	350
Film core diameter	mm	76 (3")
Film roll weight max.	daN	150
Operating voltage	V/Hz	400/50

All illustrations may show special accessories which are available at extra cost.

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