

Standard/special features for water-based laminating machines

	EK-TL (trend)	EK-HL (high)	EK-SL (speed)	EK-LL (large)
Automatic sheet feeder				
- original Mabeg suction head	•	•	•	•
- pile supporting plate with fine tuning +/- 10 mm	•	•	•	•
- pressure/vacuum generator	•	•	•	•
- suction belt table	•	•	•	•
- double sheet control	•	•	•	•
- automatism for residual pile	•	•	•	•
- lowering of the pile supporting plate with two speeds	•	•	•	•
- pile table	•	•	•	•
- additional pile table	°	°	°	°
- ionisation unit (rod and nozzle)	°	•	°	°
Powder removal				
- powder removal brush on suction belt	°	°	°	°
- glazing calender (3,000 kg) with powder removal brush	°	•	°	°
- glazing calender (6,000 kg) with powder removal brush	°	---	°	---
- additional powder removal brush for glazing calender GK	°	°	°	°
Sheet feeding				
- electronically controlled front lays	•	•	•	•
- underlapping free programmable	•	•	•	•
- catch for foreign substances before laminating gap	•	•	•	•
- automatic stop when missing sheet before and secure web transport after laminating gap	•	•	•	•
- side lay	°	•	°	°
Laminating unit				
- adhesive application unit	•	•	•	•
- lighting at application unit	•	•	•	•
- laminating calender/drying	•	•	•	•
- laminating unit with FK-system (with drying drum)	°	---	---	---
- additional laminating unit, backside thermo	°	°	°	---
- ex-protection at laminating unit	°	°	°	°
- film infeed device	•	•	•	•
- longitudinal film slitter (cut on film roll)	°	•	°	°
- swiveling pneumatic film unwinding shaft (longitudinally and transversally adjustable) with pneumatic clamping elements and magnet powder brake	•	•	•	•
- corona station after the film unwinding	°	°	°	°
- winding shaft adapter 6"	°	°	°	°
- additional film unwinding shaft 50%	°	°	°	°
- upwinding shaft one-sided longitudinally adjustable in sheet transport direction with pneumatic clamping elements	•	•	•	•
- temperature control unit	•	•	•	•
- heat exchanger	•	•	•	•
- optical operating indication signs	•	•	•	•
- colour graphic display	•	•	•	•
- modem	•	•	•	•
- register control at standard machine	°	°	°	°
- register control at powder removal brush PB or glazing calender GK	°	•	°	°
- pre-drying for acetate film	°	•	°	°
- window laminating unit with changeable counter pressure roller	°	°	°	---
Embossing inline				
- embossing station	°	°	°	°
- additional embossing roller	°	°	°	°
- crane for change of embossing roller	°	°	°	°
- mobile embossing roller cart	°	°	°	°
- cooling station, incl. water-recooling	°	°	°	°
Sheet separator				
- sheet separator TM	•	°	•	•
- anti-curling device (radially and diagonally adjustable)	•	•	•	•
- ionisation unit (2 rods)	°	•	°	°
- alternative sheet separator GTM	°	°	°	---
- alternative sheet separator UTM	°	•	°	---
Sheet delivery				
- jogging table	•	---	---	---
- automatic sheet delivery	°	•	•	•
- sheet distortion	°	°	°	°
- pile supporting plate	°	•	•	•
- timing of the side joggers individually adjustable (cycle time)	°	•	•	•
- sheet counter	°	•	•	•
- fans from above with timed blower system	°	°	°	°
- non-stop-device (large belt system)	°	°	°	°
Others				
- lift up of the complete machine 300 mm incl. platforms	°	•	°	°

• = standard ° = optional --- = not possible