

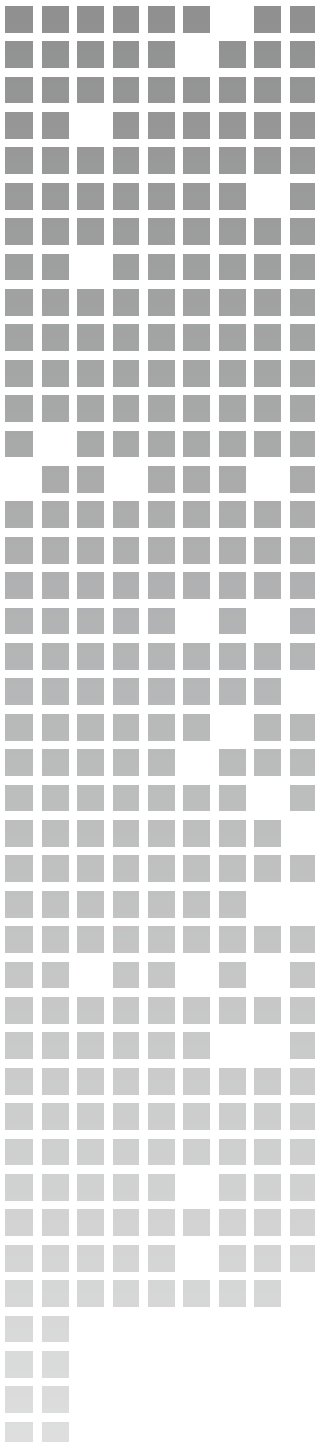
AMIGA 36 LAMINATING MACHINE

KOMFI[®]
ALL ABOUT MACHINES



- LAMINATOR FOR PROCESSING SMALL ORDERS UP TO SHEET FORMAT B3
- COMPACT SOLUTION BASED ON THE CONCEPT OF THE WELL-KNOWN KOMFI AMIGA
- TWO FEEDING OPTIONS OR DOUBLE-SIDED MODEL ON REQUEST
- SUITABLE FOR DIGITALLY PRINTED OUTPUT
- APPLICATION: LOW-VOLUME JOBS, OCCASIONAL ON-DEMAND JOBS
- OUTPUT: 2800 A4 SHEETS/HOUR (VACUUM FEEDER),
4300 A4 SHEETS/HOUR (FEEDING HEAD)





BASIC CONFIGURATION

- Bottom suction feeder with possibility of adding the sheets continuously (incl. vacuum pump)
- Automatic sheet overlap control
- Laminating cylinder heated by infra-red heater
- Rubber pressure roll
- Automatic sheet separation using built-in perforator
- Electronically controlled snapping unit
- Fixed unloading table

Options

- Single action Komfi feeding head (without vacuum pump)
- Double-sided lamination modification „Double“ version (with bottom feeder only available)
- Film slitter
- Additional perforator
- Decurling roll (instead of decurling bar)
- Preventive Maintenance Spare parts Kit



TECHNICAL DESCRIPTION

Feeding section

- Two feeding options available – bottom suction feeder or Komfi feeding head.
- Bottom suction feeder enables continuous adding of sheets during machine run.
- Komfi feeding head → trouble-free sheet feeding up to speed of 15 m/min.
- System of guiding plates strengthens thin paper before lamination → helps against wrinkling.
- Paper mis-feed sensor → protects against film sticking to the pressure roll.

Lamination section

- Smooth film unwinding using mechanical brake; a distribution roll prevents folds on the film.
- The laminating cylinder is fast dry-heated (IR heater).
- Advanced regulation of the laminating temperature → precise temperature control, no film overheating.
- The sheet overlap is adjustable electronically even while the machine is running → easy to operate and precise solution.
- Key operation parameters are entered via a touch screen → fast and comfortable.
- Thrust of pressure roll is pneumatically adjustable.

Snapping and stacking section

- Adjustable decurling bar for straightening sheets after lamination → to reach flat result.
- Optional decurling roll (instead of decurling bar) to prevent scratches on sensitive duplex printed digital output.
- Separation of sheets done by snapping roll with help of film perforator and a skewing wheel → reliable sheet separation with clean edge.
- Perforator is located behind the pull roll (built-in solution) → prevents sheet bursting on a decurling bar.

Specifications Amiga 36

Feeder	High Pile or Bottom suction
paper size max	36x70 cm
paper size min	20x20 cm
speed max	20m/min
warm up time	3,5 min
paper weight	115 -600 gr
max pile height	40 cm
heating system	IR
size	89x185x150