

AUTOBOX AB300

WITH MULTI-CUT MC300

Short-run corrugated boxmaker, for single, double and triple wall corrugated board, with optional digital print and inline gluing

AB300 WITH MC300

- Auto-set tooling for slotting and creasing
- Inline length and width trimming
- 2 Die cut stations for hand hole applications
- 2 pairs of additional crease wheels

OPTIONS

- TF300 table feeder
- AF300 fully automatic top suction feeder
- FP300 inline flexo printing
- DP300 inline digital printing
- NG300 inline gluing

Typical
Set Up:
60 Sec



Technical data

 **KOLBUS**
AUTOBOX

AUTOBOX AB300

WITH MULTI-CUT MC300

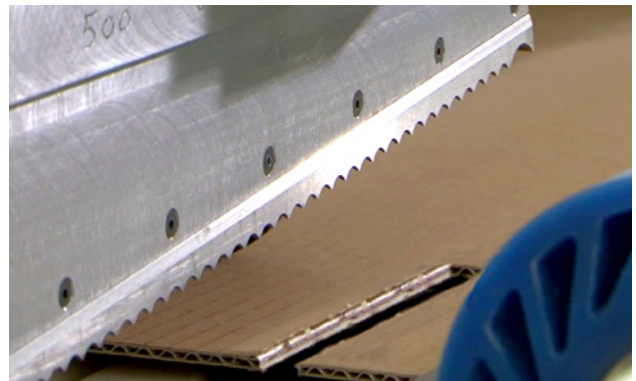
The modular compact boxmaker that slits to length and width, creases and slots to make a variety of boxes.

Basic equipment

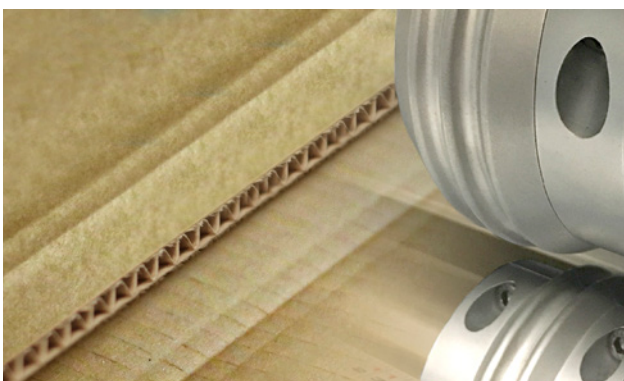
- Copilot System with touch screen
- Choice of production mode
- Job memory
- Operator guided production change
- Automatic format setting
- Precision adjustment via +/- keys during production
- Indication of machine and material flow malfunctions
- Operator guided malfunction rectification
- Fully automatic toolless make ready via co pilot
- Programmed automatic adjustment for improved operation
- Fully automatic adjustment of slotting tools
- 1 pair of pneumatic lifting crease wheels
- 1 pair of static crease wheels
- Automatically adjustable guide stop
- Process single and double corrugated board
- Integrated cross cut
- 2 sets (4 pieces) integrated knives for longitudinal cut
- 1 set (2 pieces) of 500mm hardened slotting knives with 7mm slot width
- Various FEFCO box styles preprogrammed
- Servo-controlled drive technology
- Remote Service Gateway for optimum production support via KOLBUS Remote Service Safety standard in accordance with EC directives and standards



Double scoring



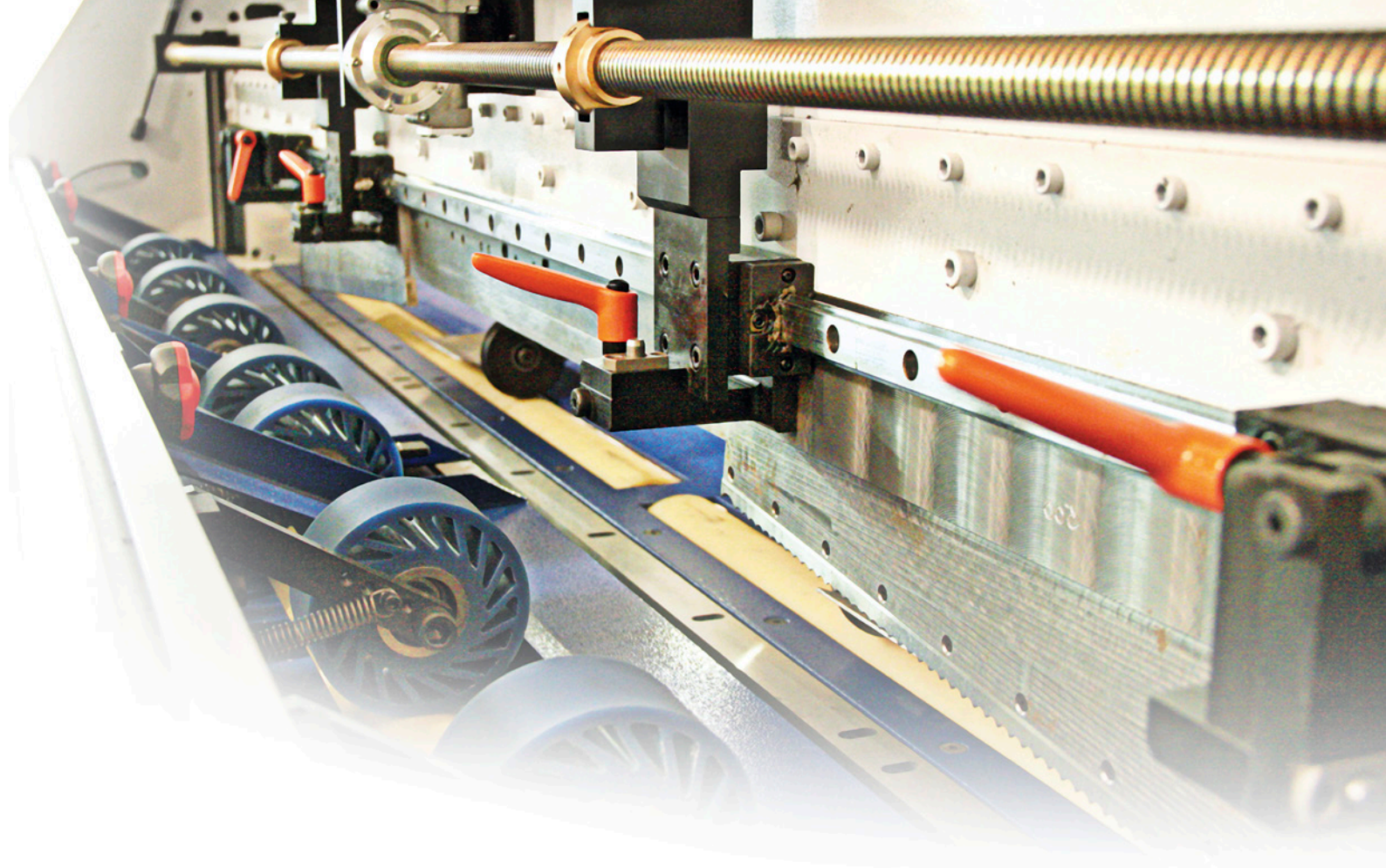
Slotting Knife



Auto Set Male/Female crease



Die cutting



Optional equipment

- Heavy Duty Upgrade
- Auto set male/female crease tools
- Steel Glue flap crush wheel
- Connection to office (hardware and software)
- Additional hardened slotting knives of 7 or 10mm width
- Slotting knife lengths of 200/300/400/500/600/700mm
- Additional powered line cutters (2 pieces) on longitudinal axis

Infeed section

- Automated high traction belt feeder

Digital-Print, model DP 300

- Integrated single colour print unit with fully automatic cleaning and positioning of the print head
- Print up to 560mm in width

Nozzle Gluer, model NG 300

- Glue flap crush
- Cold glue
- Adjustable glue pattern
- Machine dimensions: L 580 mm | W 3304 mm | H 1670 mm



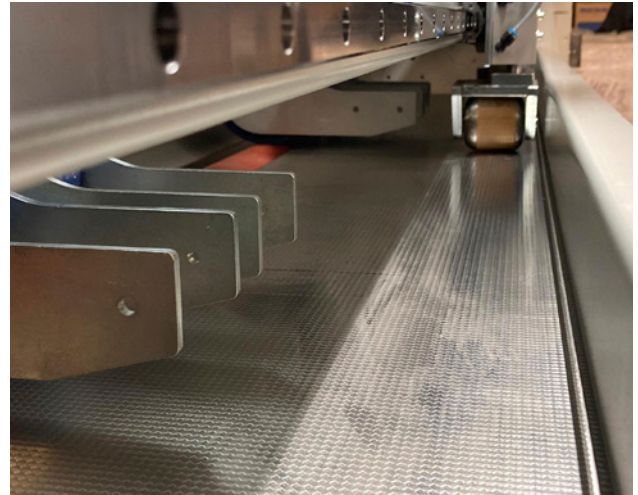
Inline digital printing



Digital print head



Touch screen input



Glue flap crush

Format data: AB300 with MC300

- Sheet width min. 100 mm | max. 2600 mm
- Blank length: min. 330 mm* | max. 8000 mm
- Blank material: max. 1800gsm single, double and triple flutes*
- Slotting length: min. 200 mm | max. 700 mm
- Slotting distance: min. 80 mm
- Slotting widths of 7 or 10 mm

Technical data: AB300 with MC300

- Machine dimensions combined
L 2320 mm | W 3300 mm | H 1520 mm
- Total weight: 3053kg (AB300: 1483kg, MC300: 1570kg)
- Mechanical speed: up to 100 m/min
- Net performance depends on material, format, ...

Format data: DP300

- Print width: 140 mm | 280 mm | 420 mm | 560 mm
- Max print speed: 100m/min

Technical data: DP300

- Set-up time per job < 60 Seconds
- Image resolution 360 dpi / monochrome
- Machine dimensions: L 1007 mm | W 3306 mm | H 1659 mm
- Weight 1500 kg
- Production speed and print length depending on material format, ...
- Integrated self cleaning head

*subject to machine specification

To be provided by the customer

- Compressed air requirement 10 Nm³/h
- Min operating pressure AB300 6 bar / MC300 8 bar
- Ethernet connection to enable online support
- Electrical supply 3 phase, 400 volt /N/PE, 50/60 Hz

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