

Digital Converting and short-run Finishing



WIDE RANGE OF APPLICATIONS:

- > Cutting, creasing, perforating
- > Kiss-cutting of stickers
- > Blind embossing, Braille embossing
- > Hot foil stamping, also combined with embossing (relief)
- > Hologram stamping*
- > Cutting and creasing plastics (hot cut)*
- > Cutting of finest outlines with flexible steel dies*

GREAT PERFORMANCE:

- > High valuable finishing for short and medium runs
- > Short set-up time
- > Quickest changeover from hot foil stamping to die cutting
- > Made in Germany



KAMA AUTOREGISTER: aligns each sheet to a print mark (± 0.1 mm)

NEW: Stripping & Blanking without tools on KAMA SBU



High Valuable Finishing with KAMA DC Foil

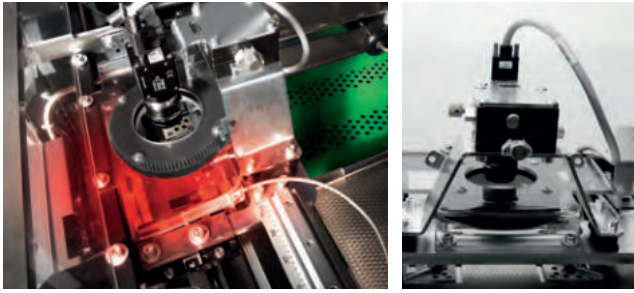
Technical data	KAMA DC 58 Foil	KAMA DC 76 Foil
Paper, cardboard, plastics	80 – 800 gsm (4.4 – 32 pts)	100 – 800 gsm (5.5 – 32 pts)
Cardboard, micro flute**		up to 1500 gsm / 1.8 mm (80 pts)
Max. sheet size	580 x 400 mm (22 3/4 x 15 3/4 in)	760 x 600 mm (30 x 23 5/8 in)
Min. sheet size	210 x 148 mm (8 1/4 x 5 3/4 in)	279 x 210 mm (11 x 8 1/4 in)
Max. cutting size	570 x 390 mm (22 1/2 x 15 1/4 in)	750 x 590 mm (29 1/2 x 23 1/4 in)
Min. gripper margin	10 mm (0.4 in)	10 mm (0.4 in)
Max. machine performance***	6000 cycles/h	5500 cycles/h
Max. cutting force	120 t (130 US tons)	165 t (180 US tons)
Max. stacking height (feeder)	700 mm (28 in)	1160 mm (46 in)
Dimensions (length x width)	2600 x 1750 mm (102 x 69 in)	4870 x 2690 mm (192 x 106 in)
NEW Stripping & Blanking Unit (option)	KAMA SBU 58	KAMA SBU 76

* option; ** when using a cardboard kit (option) or single sheet feeding

*** dependent on material, size and cutting sheet arrangement. Technical data and figures are subject to change.

Smart Solutions for Short-Run Finishing

AutoRegister: Accuracy for every sheet



- › Every single sheet is registered based on the print layout
- › Extremely high precision: ± 0.1 mm
- › High-speed camera recognises registration mark, computer calculates correction needed in a split second and two servomotors position the sheet
- › Maximum speed unchanged
- › For ultra-exacting demands in post-press and print finishing
- › Ideal for short runs in packaging printing, e. g. folding cartons for product variants

KAMA SBU: Toolless stripping



- › System for toolless (!) stripping and blanking
- › Strips windows/hanger holes with blowing air
- › Strips larger windows and fully detaches blanks
- › Nesting of blanks for optimal use of sheet is feasible, minimal web lengthwise (only 5 mm), even abutting in crosswise direction (1 blade)
- › De-nesting and spreading of blanks in separate shingle streams
- › Die-cut blanks arriving as shingled streams in the delivery unit - easy to stack for further finishing in the folder-gluer
- › When retooling the DC die cutting machine for the next job, the SBU is simply rolled out of the delivery
- › Size DC 76 with SBU 76 (working mode): 5830 x 2690 mm

KAMA Inline Stacker: Automatic Stacking

NEW



- › Automates the delivery process on the DC 76 with SBU
- › Overlapping sheets of cut stock flow in a stream inline from the KAMA SBU blanking unit to the Inline Stacker
- › Cut stock gathers in counted stacks which can be directly transferred to the folding and gluing machine
- › Up to 4 streams can be processed at once
- › Quick alignment mode for die-cut blanks
- › Size (L x W): 5000 x 1400 mm (197 x 55 in)

KAMA Cockpit 76 CPX: Optimal Work-Flow

NEW



- › Control station for communication between machine and MIS using JDF for paperless job ticket, e.g. HP SmartStream, Prinect etc.
- › Job preparation area
- › Integrated organiser system for chases and male and female dies
- › Integrated CPX system for quickly positioning hot stamping dies/clichés, die-cutting, creasing and stamping tools
- › Upload print layout as PDF or BMP file
- › The CPX calculates the temperature-corrected target position
- › Congruence of the current cliché position, which the camera transfers on the screen, with the indicated target position allows direct positioning of the cliché in one step
- › Size (L x W): 3670 x 1080 mm

