Quality Time Margin

The benefits of the KAMA solutions.

KAMA features	Commercial printing and post-press, direct marketing, publishing, Web2Print	Manufacture of folded cartons, digital packaging printing
Wide range of applications	High flexibility and wide range of applications, very fast changeover from hot foil stamping to die cutting.	Lower investment for more applications. For embellishing effects, in addition to a die cutter you normally also need a hot foil stamping machine. KAMA DC 76 Foil A covers both areas.
Hot foil stamping module with integrated heating plate in the chase	Increasing in-house ‚added value' is an approach that pays for itself. Not only do finished print products generate a higher profit margin, they also help to secure exclusive contracts. Flexible use depending on the job type. No waiting time when changing from hot foil stamping (flat or embossed) to cutting/creasing/cold embossing.	
KAMA AutoRegister Every individual sheet is precisely registered with the aid of a register mark	Reasons for registration inaccuracy – and our solution: › Deviations in the print image of up to ± 2 mm in digital printing › Sheet cutting in the guillotine cutter › Incorrect side stop in offset printing › Sheets not supplied with correctly cut right-angled corners KAMA AutoRegister is capable of compensating for all of these inaccuracies. The result: perfect registration accuracy for cutting and creasing lines, perfect finishing and high quality print products.	
KAMA SBU Stripping and blank separation – without tools		Conventional die cutting machines require one or even two stations plus tools for stripping and blank separation. The KAMA SBU system operates without tools, which significantly reduces costs. Added up over the course of a year, this soon amounts to many thousand Dollars.
4+1 platen system For repeat orders: counter-creasing with creasing channels on the 1-mm plate is reusable		80 to 90 % of packaging orders are repeat orders. With the 4+1 system, the creasing channels remain on the 1-mm plate and can thus be reused many times. This saves up to 90 % in terms of make-ready time and cost.
Moving upper table on KAMA ProCut and DC die cutting machines	In this tried-and-tested method, the sheet is transported on a single level through the machine. This protects the sheet and means that only a very few nicks – or even none at all – are required. Not only does this raise the bar in terms of quality, but it also makes stripping easier, whether manually or with KAMA's SBU.	
Network integration and JDF job ticket via KAMA Cockpit 76		KAMA offers a workflow that has been optimised for short to medium runs. Here, it makes great sense to manage the order data electronically (via the JDF job ticket) and to network the machines so that the increased number of job orders can be handled efficiently and guided reliably through the process. KAMA machines can be networked with JDF-compatible MIS such as Esko, SmartStream, Prinect or other MIS.
Positioning system KAMA CPX as a stand-alone solution or integrated in KAMA Cockpit 76	The positioning of hot foil clichés takes a lot of time – and if the clichés need to be readjusted repeatedly, this can be as much as an hour or more. On a conventional stamping machine this is done on the stamping machine, meaning that this expensive investment is rendered non-productive while the readjustments are being performed. With KAMA CPX it is possible to perform the positioning of the clichés outside of the machine – freeing the machine up for production of a different job order at the same time. On the CPX, the clichés can be positioned quickly and easily in precisely the correct position.	
KAMA gripper bar system	KAMA grippers deliver the highest registration accuracy on the market with a precision of ± 0.1 mm. The reason: Unlike systems based on a recirculating chain, where the length of the chain changes over time due to stretching when the system is used, accuracy remains dependably high on the KAMA gripper system – throughout the service life of the equipment. When used together with the AutoRegister system, this means that KAMA can guarantee the highest registration accuracy for all types of sheets.	
Made in Germany	KAMA manufactures all quality-related parts in accordance with certified processes, using state-of-the-art CNC production machinery in Dresden, Germany. Electronic parts like the PLC, sensors, servo motors and other components are sourced from high-quality manufacturers (including Heidelberg, Omron, Keyence, Vogel).	