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**New Diamant MC 30: The Ideal Gateway to Hardcover Production**

**With the new Diamant MC 30 book line, Müller Martini is launching a powerful tailored solution for companies looking to enter into industrial hardcover production. This configuration already features essential options, delivering excellent value for money.**

The Diamant MC 30 impresses with a speed of up to 30 cycles per minute, fast setup times, and a high degree of automation. It provides a real competitive edge to companies previously applying manual processes. Built on the same proven Motion Control Technology as its bigger sister, theDiamant MC 60, the machine is extremely flexible.

It uses intelligent single drives at the rounding station, in the transport chains, and in the casing-in station, for instance. They ensure precise movements and a flexibility hard to find in this machine class, resulting in less downtime and more output. For example, the rubdown device is servo-driven and perfectly synchronized with the paternoster knife, ensuring the book case is rubbed down optimally and the book block is seated perfectly in the book case.

**Automation as the key**

Compared with manual processes, the Diamant MC 30 is both fast and smart. Automated checks, such as headband supply, incorrect book block position, and double case checks, increase process reliability significantly. The book thickness is checked in the rounder rollers, for example, to ensure that all downstream stations are configured correctly. For companies previously applying manual processes, this represents a quantum leap.

Operation is easy and intuitive. There is a central area for entering data with a measuring device and clear visualization. The clear display, preparation of the next order during ongoing production, and storage of all production data for quick setup of repeat orders make the machine very easy for employees to learn.

**Convincing features**

The Diamant MC 30 offers many proven functions of high-end book lines:

* Block spines are rounded evenly and under precise control
* Double backing ensures a permanent, fine fold
* Ribbon gluing device
* Head-banding station with integrated premelter for uniform glue application
* Integrated hotmelt fold gluing
* Long joint forming and pressing of the fold in the EP 340.
* Data transfer to peripheral machines, such as the BLSD 650 book counter stacker
* Workflow and networking

**Variety without compromise**

Another asset is the variety of products. Whether straight or round book spines, with or without ribbon – the machine covers a broad spectrum. Books can be produced with different paper types, in a large range of sizes and grammages. Both hard and flex cases can be separated and processed reliably.

The Diamant MC 30 presents a gateway to industrial hardcover production without sacrificing quality, with a smart and cost-effective setup.

***Caption***

*The new Diamant MC 30 book line from Müller Martini: automated, flexible, and the perfect gateway to automated hardcover production.*