

Welcome to the whole world of Industrial Quilting Technology

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DAHMEN's premium multi-needle lock-stitch quilting machine

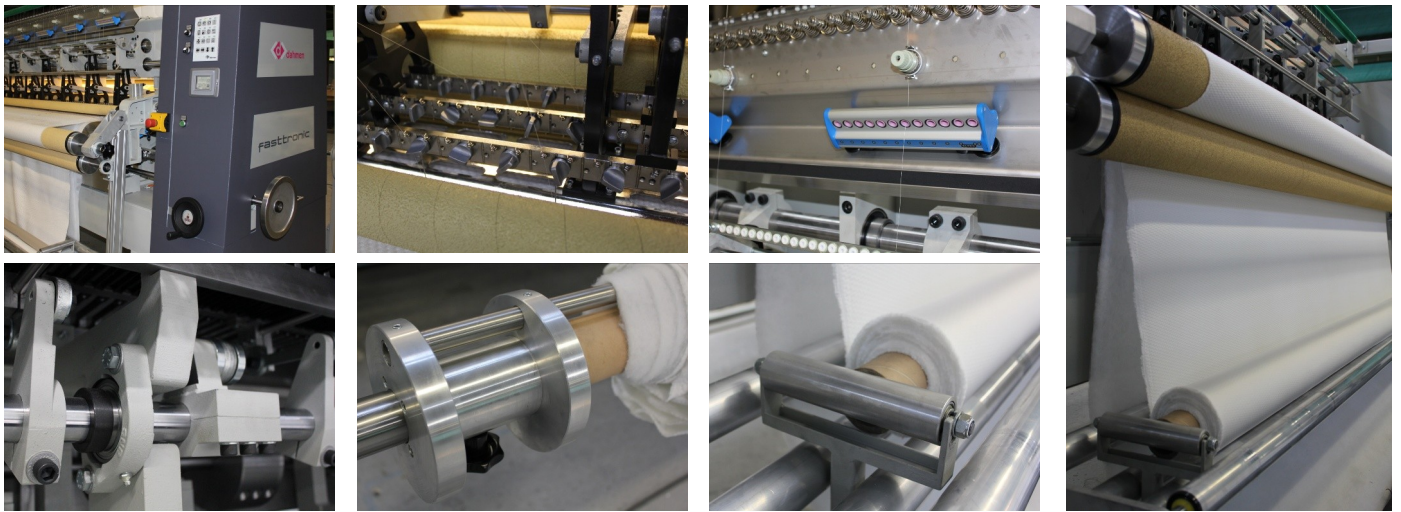


**dahmen**

Quilting Machine | Accessories | Supplies | Service & Consultancy

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## DAHMEN Quilting Technology | Designed and Made in Germany



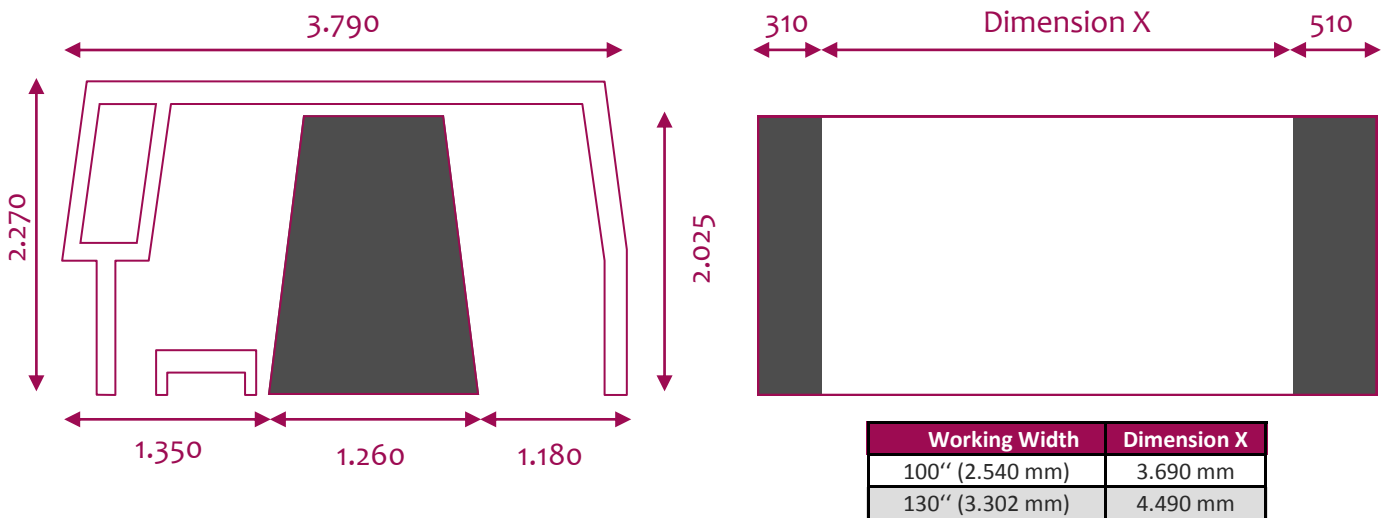
The FASTTRONIC is DAHMEN's most advanced multi-needle lock-stitch quilting machine. It contains all the best features and technologies from DAHMEN's wide range of quilting machines and long-time experience within the industry. The FASTTRONIC is a high-speed shuttle machine for heavy and wide material processing. Mattresses and upholstery as well as many technical applications are perfectly suitable for this flagship machine.

Its robust construction and clean design comes along with advantages in productivity, quality, reliability, operability and safety.

Some of its outstanding features are

- High-speed quilting at a rate between 450 and 650 rpm depending on the pattern and material
- Active press plate
- Electronic and noise-free top thread monitoring system with self-learning function
- Easy and tool-free adjustment of the press plate even during quilting
- Tool-free needle fastening system and optimized needle bar with 1 inch needle spacing (international standard)
- Pneumatic presser bar for better material control in reverse and sideways movements
- Pneumatic reverse bars for fast and easy top material change
- Pneumatic expansion bars or option of top material tub and one-man operation
- Shuttle drive "Evolution 2" system for less wear and tear
- Optimized thread guiding down to the needle bar for controlled thread movement
- Shock absorbers for elimination of vibration transfer during operation
- Easy, comfortable and fast access to all maintenance spots
- Servo engines at all axes for precise and automatic positioning and increased quilting performance
- Up to 40% reduction in energy consumption versus standard machines
- 360° quilting with 12" (~ 30,5 cm) carriage travel and tack-and-jump for large size and endless pattern variety
- Equal stitch length in all directions adjustable within a range of 0,01" and 0,2" (0,25 mm – 5 mm)
- Works with needles sizes down to 120
- Multi-lingual WINDOWS based operating system with color touch screen panel
- Tracking and reporting system for productivity evaluation
- Significantly reduced noise emission
- Very robust and space-saving design





## Endless Pattern Possibilities...

DAHMEN's FASTTRONIC offers an abundance of pattern possibilities. Its large range of movement with up to 12" (~30 cm) sideways and 100 cm in reverse allows quilting even big-size and complex patterns. In addition the FASTTRONIC follows the international 1 inch needle spacing standard and is therefore capable of quilting also the smallest patterns. Generations of experience and close cooperation with our customers resulted in intelligent and practical material handling techniques which yield outstanding quilting results such as perfectly round circles and sharp 90° edges.

The images below are just a small set of available patterns. All DAHMEN customers benefit from a life-long free-of-charge pattern programming service.





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