

FEATURES - iQUILT 2

- Auto thread break detection
- iDesign software to create bespoke designs
- Large pattern selection: 180+ designs pre-installed
- Quilting thickness up to 80mm
- Needle spacing 25.4mm
- Full jump & tack capability (180° & 360° designs)
- LED lighting in threading areas
- Full CE conformity
- Sewing speed variable 850- 1200rpm

With 180+ designs pre-installed you will never be short of choice. All designs have been grouped together based on fixed needle positions to make pattern selection simple. The iQuilt's pre-installed designs can be further expanded by adjustments to needle spacing. An on-screen display shows any changes to pattern effects giving the user further pattern choice.

TECHNICAL DATA - iQUILT 2

- Weight: 4500kg
- Quilt width: 2450mm
- Production speed: 80-230m/h
- Needle arrangement: (50.8), 76.2, 127) (76.2, 76.2, 152.4)
- Quilting thickness: ≤80mm
- Maximum horizontal movement: 450mm
- Needle space: 25.4mm
- Power supply: 380V/220V, 50Hz/60Hz
- Stitch size: 2-7mm
- Power: 7 kW

TECHNICAL DATA Smart-Hem

Max.Sewing Speed	2500RPM	Min.Quilt Length	800mm
Max.Material Thickness	70mm	Total Power	11KW
Stitch Length	2-10mm	Power Supply	380V 50Hz
Number of Sewing Heads	3	Overall Dimension	5300×4500×2050mm
Max.Quilt Width	2400mm	Total Weight	4000kg
Min.Quilt Width	1000mm		

TECHNICAL DATA Stacking System

Overall Dimension	3170×3280×2560mm	Total Weight	500kg
Suitable for Fabric Size	≤ 2400mm	Total Power	2.25KW
Stacking Speed	200 pcs/h	Power Supply	220V 50Hz
Maximum Stackable Height 1	800mm		

iQUILT2 + Smart-Hem

Multi-needle quilting machine and automatic hemming station



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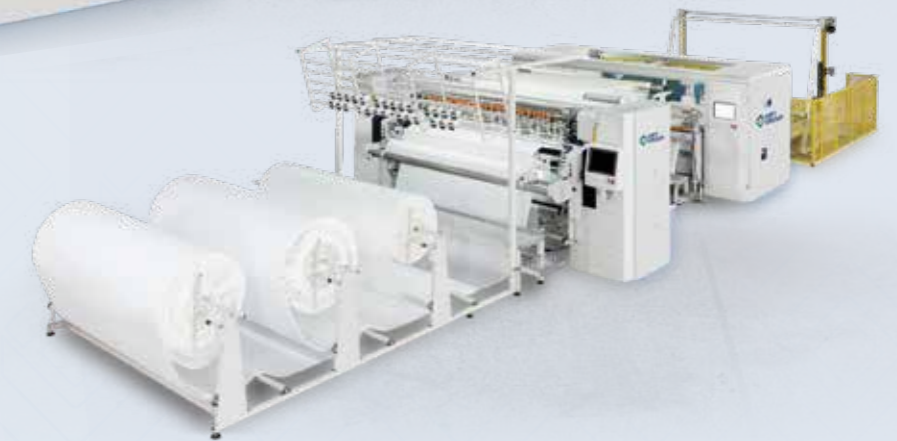
PRODUCT RANGE Tape edge Spring forming technology Border production Factory automation Quilting solutions Handle & labeling systems



iQuilt2

Multi-needle chain stitch quilting machine

iQuilt 2 is the latest addition to the Matramatic Quilting range. Using our 50 years of quilting experience, the new machine delivers a complete chain stitch quilting solution; ideal for mattress panels, bedspreads, comforters, sleeping bags and upholstery. With full Panasonic servo control, iQuilt 2 offers a wide variety of pattern effects. iQuilt 2 can be integrated with an optional, fully-automated, panel-cutting system for the production of finished panels and multi-slit borders. Unique features like an air mandrel for easy unloading of finished products and full thread break detection for top and bottom threads complete the iQuilt 2 package.



Smart-Hem

Fully Automatic Hemming System for Micro Quilted Panels

Smart-Hem is a fully automatic four side hemming station. Full double lock chain stitch sewing, with windows operating system, Full waste removal system. Digital adjustment for sizing ensuring accurate panel processing. The Smart-Hem can be easily integrated into your existing quilting line or can be combined with our iQuilt for totally automated quilting solution.

