



DESIGN

SERVICE

PERFORMANCE

RELIABILITY

EXPERTISE

TECHNOLOGY

PRODUCTIVITY

INNOVATION

QUALITY

PRODUCT CATALOGUE

THE ONLY NAME FOR ALL YOUR
MATTRESS MACHINERY NEEDS



PRODUCT LISTING

- COTMAX
- MATRAMAX T180
- MATRAMAX AUTO
- MATRAMAX-HL
- BORDAMARK
- BORDAMARK & SERGE
- BORDAMAX
- BORDASERGE
- BORDATAC S2
- EUROMAX
- SERGEMASTER
- VERSO-QUILT
- AUTOTUFT
- POWERMAX
- iQUILT 2
- MATRAMATIC QUILTER
- PANELMASTER
- RP-2
- RD-2
- ALS
- PFH-50AS
- PFH-50
- HL-8
- NSC15 STRIP CUTTING MACHINE
- PANELMAX
- 300U

COTMAX

A high speed electronic cot tape edge machine

Innovative design in Cot Tape Edge Machine technology makes CotMax the leader for mattress producers in the world today. To meet with international safety standards the Matramax Cot Tape Edge machine is fitted a Lock Stitch Sewing System and available with a choice of single or double fold binders. The Matramax Tape Edge machine uses the industry Pfaff lock stitch sewing head, optional sewing head brands are available.



FEATURES

- Power assisted carriage movement
- Variable speed straight-line control
- Variable corner-speed facility
- Powered head positioning control
- Needle cooling system
- Tape feed synchronisation system

TECHNICAL DATA

CONTROLS

- Start/Stop machine
- Straight Line Carriage Speed
- Corner Speed
- Table Height
- Angle of sewing head
- Position of the carriage around the table

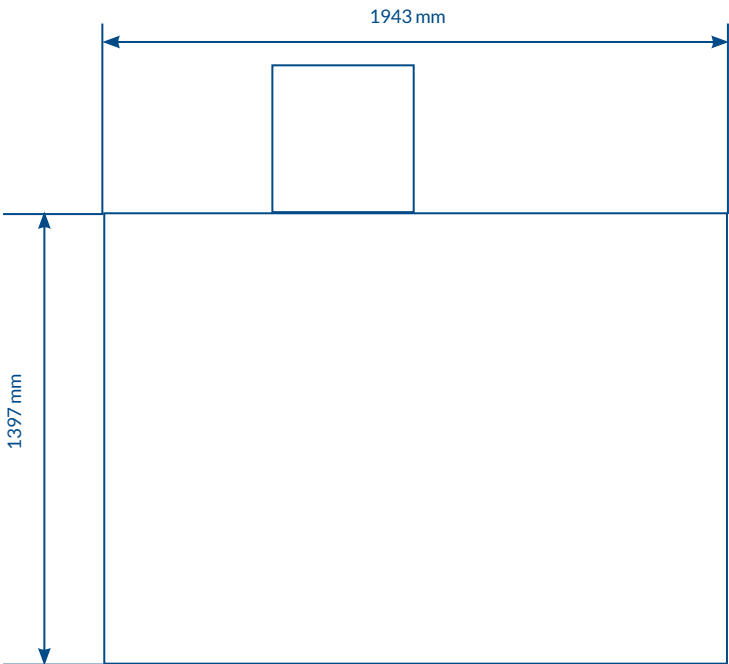
CARRIAGE & TABLE OPTIONS

- Size of table: 134 x 90cm
- Other sizes are available on request

FEATURES & OPTIONS

- Available with 300U high speed chain sewing head or heavy duty lock stitch sewing head
- Pneumatic foot lift (option available)
- Extensive choice in binders
- 1500 spm with Lock Stitch Head
- Adjustable stitch length
- High lift needle cam

FOOT PRINT DIMENSIONS



MATRAMAX T180

A high speed electronic tape edge machine with integrated mattress handling and turning facility

High speed electronic tape edge machine with integrated mattress handling and turning facility
A complete mattress production system that incorporates the traditionally accepted tape edging method and combines it with a mattress turning system that totally eliminates the manual handling and turning of today's heavyweight and oversized mattress products.



FEATURES

- Ultra high loft capability
- Power assisted carriage movement
- Variable corner-speed facility
- Powered head positioning control
- Needle cooling system
- Tape feed synchronisation system

TECHNICAL DATA

CONTROLS

The ergonomically designed to control pod, enables the operator to easily adjust the following:

- Start/Stop machine
- Straight Line Carriage Speed
- Corner Speed
- Table Height
- Angle of sewing head
- Position of the carriage around the table
- Increase or decrease the amount of feed
- Needle cooling on/off

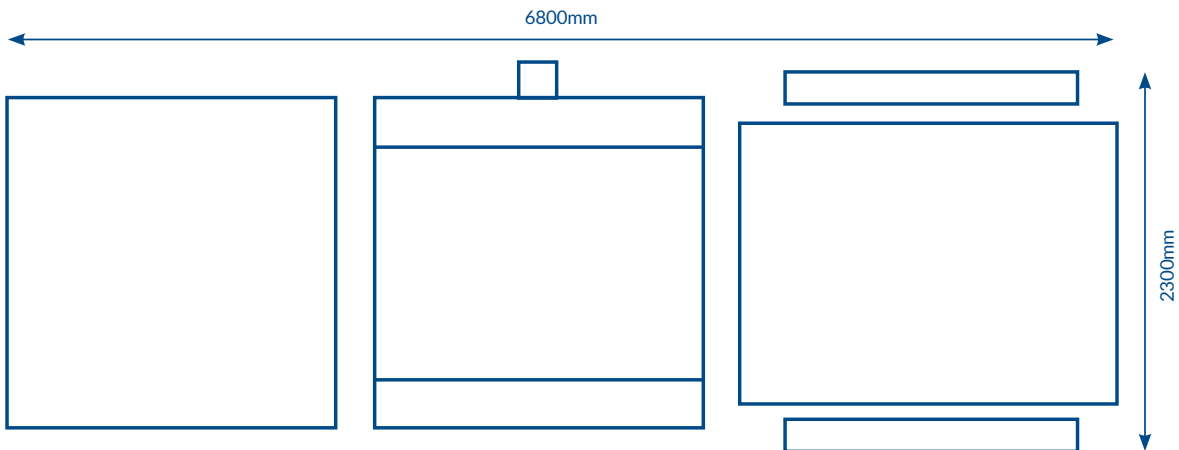
SEWING HEAD & CONTROLS

- Available with 300U high speed chain stitch sewing head or heavy duty lock stitch sewing head
- Pneumatic foot lift option available
- Extensive choice in binders
- Variable speed up to 3,500 rpm
- Adjustable stitch length
- High lift needle cam

MORE FEATURES AND OPTIONS

- Conveyorised Mattress positioning feature to place small and king-size mattresses into desired positions on the tape edge table
- Automatically transports mattress to and from the 180 degree turning device
- Minimises disturbance of filling during turning operation

FOOT PRINT DIMENSIONS



MATRAMAX AUTO

Tape edge machine

The New Matramax Auto meets the needs of clients seeking a fully automated tape edge line for integration into a modular conveyor system. The Matramax-Auto eliminates the manual handling of mattresses and when used with conveyor lines can offer increased productivity to your tape edge operations.



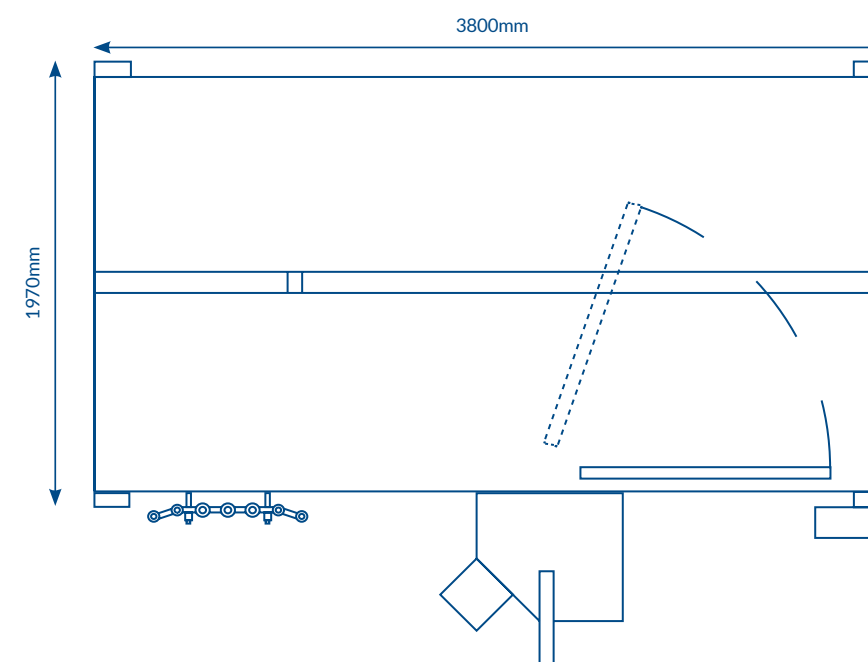
FEATURES

- High Speed Chain Stitch Sewing Head
- Variable Speed Control
- Auto-Flip Facility
- Touch Screen Control
- Seated and Fixed Operator Position
- Unique Operator Settings Facility

TECHNICAL DATA

- Start/Stop machine
- Head height & needle cooling
- Pneumatics Foot Lift
- Angle of sewing head
- Conveyed movement of mattress
- Chain Stitch Sewing
- 300U high speed chain sewing head
- Extensive choice in binders
- Variable speed up to 3500rpm
- Adjustable stitch length
- Head High lift needle cam
- Maximum Mattress Height 17"

FOOT PRINT DIMENSIONS



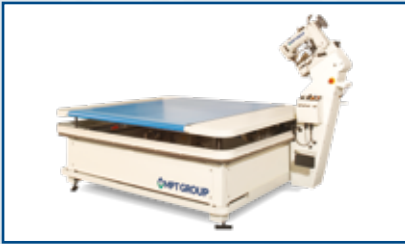
MATRAMAX-HL

High loft tape edge machine

The Matramax-HL meets the demands of today's modern mattress manufacturer offering a remarkable high loft capacity up to 20". The Matramax-HL comes with under table electrical supply as standard and is complimented by our variable speed control automatic corner slow down, electronic head tilt controls. Standard table size is 137cm x 190cm, other table sizes are available on request.



**2 YEARS WARRANTY
AS STANDARD**



FEATURES

- Ultra high loft capability up to 20"
 - Power assisted carriage movement
 - Variable corner-speed facility
 - Powered head positioning control
 - Needle cooling system
 - Variable speed up to 3,500rpm
 - Tape feed synchronisation system
 - Japanese 300UX5 chain stitch sewing head
- The Matramax-HL also comes with a comprehensive 2 years warranty as standard**

TECHNICAL DATA

Carriage & table options

- Standard size table: 137cm x 190cm Standard Size
- Fully electronic carriage speed control and corner slow down
- Needle Cooling System
- Carriage Home Position
- Under-table Electrical Supply
- 20" Mattress Height

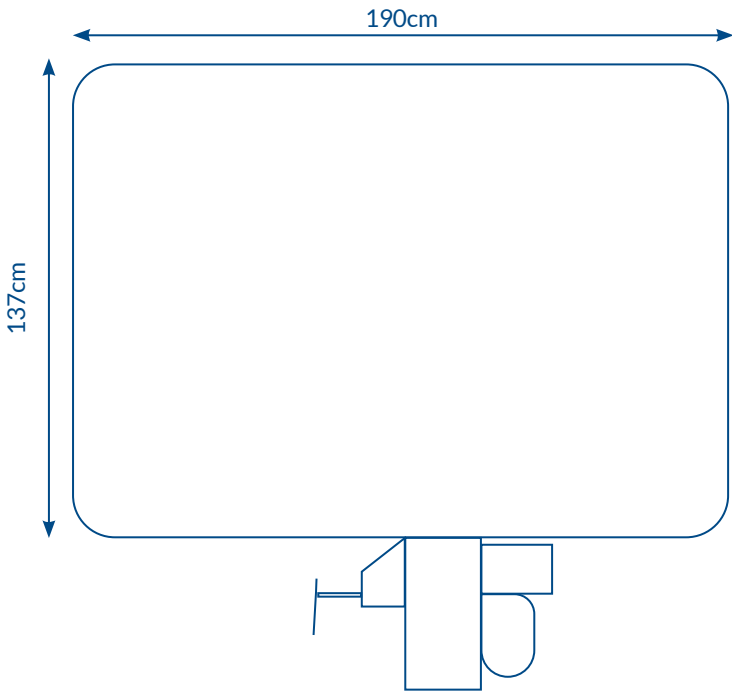
Power requirement

Voltage: 240V, 1P+N - 16Amp, 50/60 Hertz

Machine options

- 150cm x 200cm Queen Size Table
- 180cm x 200cm King Size Table
- Conveyor table top for easy positioning of mattress (option)
- Conveyorised machines upgradeable to full T180 system
- Piping Attachment
- Single or double fold binder options
- Lock Stitch Sewing Head

*FOOT PLATE DIMENSIONS - STANDARD MACHINE



BORDAMARK

Computer controlled border mark and cut machine

This machine combines four important border production operations into one simple procedure. BordaMark automatically marks the border for later attachment of mattress handles, marks the border for the venting operation, measures the material to the required length and finally cuts the finished border – all in one pre-programmed operation.



FEATURES

- Massive memory for border programmes
- Input facility for size and quantity
- Material run-out monitoring system
- Stretch compensation factor control allows for varying degrees of stretch in the material because of filling thickness or material type
- Border widths from 75mm – 500mm
- Wider width machines available
- Massive memory for border programmes
- Input facility for size and quantity
- Material run-out monitoring system

TECHNICAL DATA

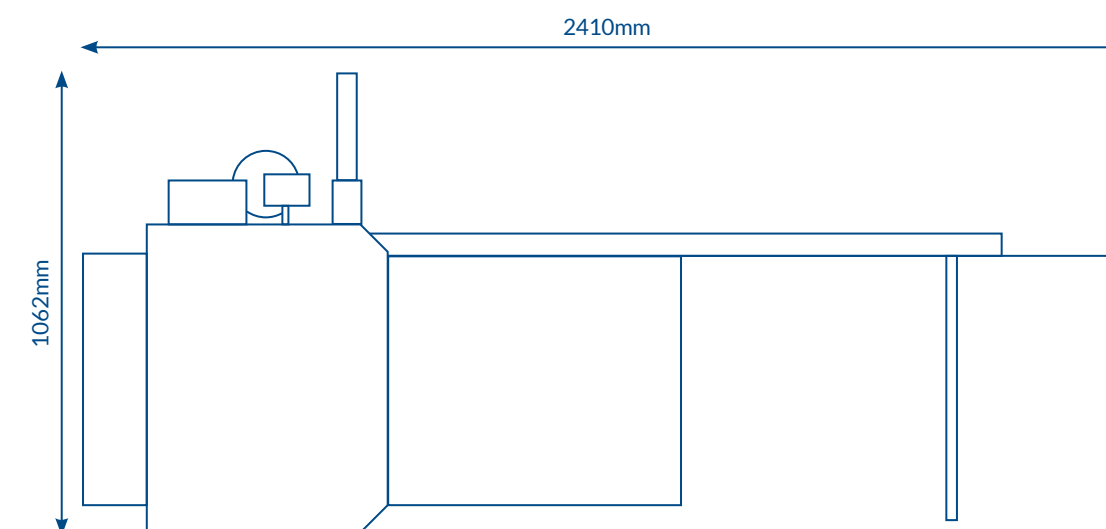
CONTROLS

- Marks on the reverse edge to accommodate both horizontal and vertical handles
- Selectable facility for the marking of handles or vents, or alternatively both simultaneously
- Electronic stitch length adjustment
- Slow motion mode for material width adjustment procedure following size change or material changeover

KNIFE & ROLLERS

- High speed rotary knife
- Easy sharpening mechanism
- Pneumatic roller opening for easy loading
- Enclosed cutting area with safety sensor

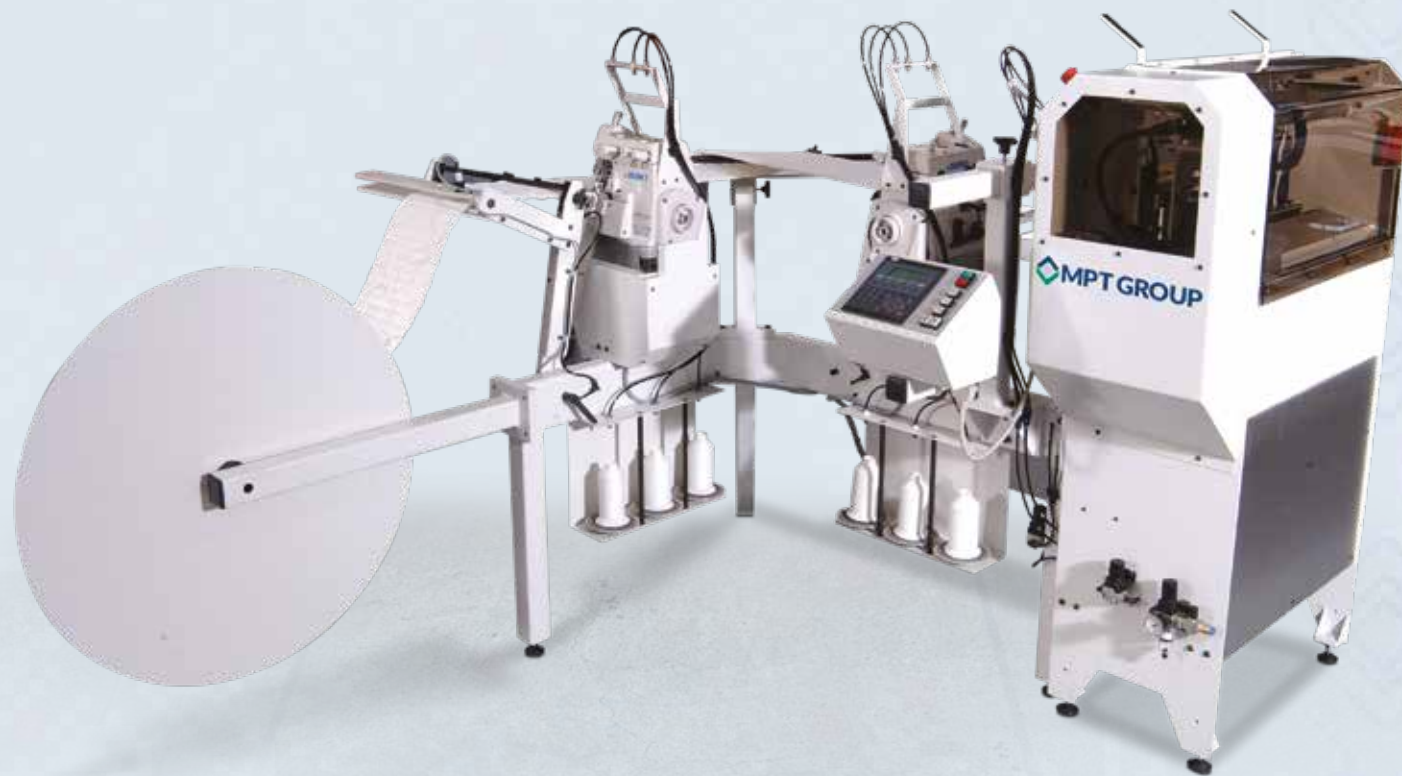
FOOT PRINT DIMENSIONS



BORDAMARK & SERGE

Computer controlled border mark and serge machine

This machine combines five important border production operations into one simple procedure. BordaMark & Serge is capable of double overcast serging of the material. It will then automatically mark the border for later attachment of a mattress handle, mark the border for the venting operation, measure the material to the required length and finally cut the finished border – all in one pre-programmed operation.



FEATURES

- High speed three thread over-locking heads
- Massive memory for border programmes
- Input facility for size and quantity
- Stretch compensation factor control allows for varying degrees of stretch in the material because of filling thickness or material type
- Border widths from 75mm – 50mm
- Wider width machines available
- Massive memory for border programmes
- Input facility for size and quantity
- Material run-out monitoring system
- Vacuum waste removal of trimmed material

TECHNICAL DATA

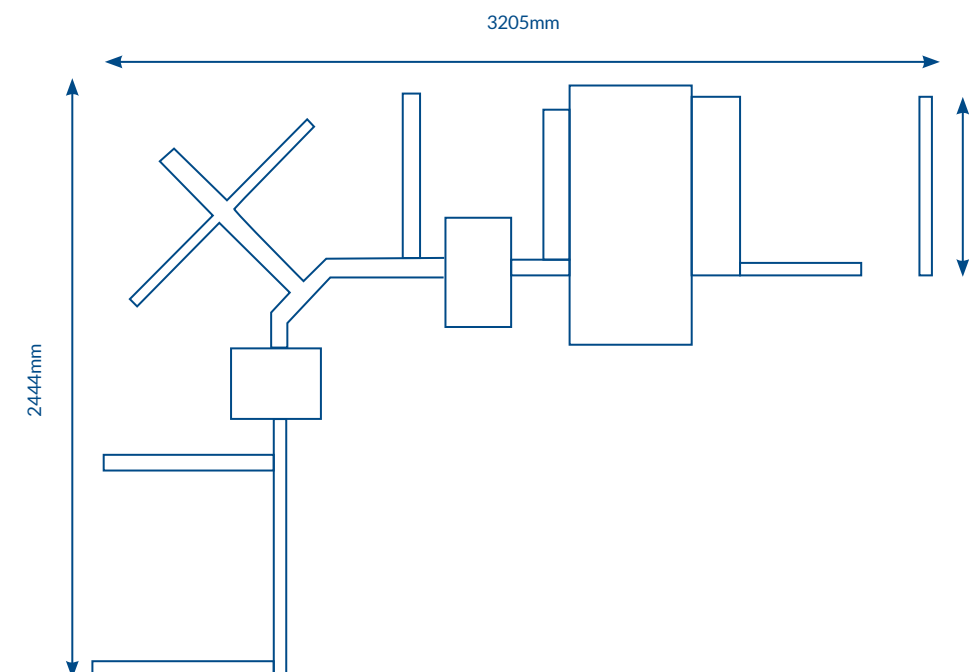
SEWING & MARKING

- Capable of over-locking one side only for divan based borders
- Marks on the reverse edge to accommodate both horizontal and vertical handles
- Selectable facility for the marking of handles or vents, or alternatively both simultaneously
- Thread management system for easy threading and all round access

KNIFE & ROLLERS

- High speed rotary knife
- Easy sharpening mechanism
- Pneumatic roller opening for easy loading
- Enclosed cutting area with safety sensor
- Slow motion mode for material width adjustment procedure following size change or material changeover

FOOT PRINT DIMENSIONS



BORDAMAX

Computer controlled vertical stitch border machine

The BordaMax Vertical Stitch Border machine utilises a high speed double lock chain stitch, self lubricating sewing head. It automatically hems the mattress border as it produces high quality vertical stitched mattress borders up to 260mm wide on our standard machine. For width borders we offer our 20" model the BorderMax-2.



FEATURES

- Production rate up to 4 metres per minute
- Durable powder coated finish to machine framework
- Access into machine protected by safety detectors
- Option available:
- BordaMark - measure and cut system
- Fully automatic operation
- Safety acoustic hood
- Border widths: 60mm - 260mm (hemmed)
- 508mm sewing head option available
- Stitched line widths: 12mm - 150mm
- Twin line effect
- Material run-out monitoring system
- Thread break detectors

TECHNICAL DATA

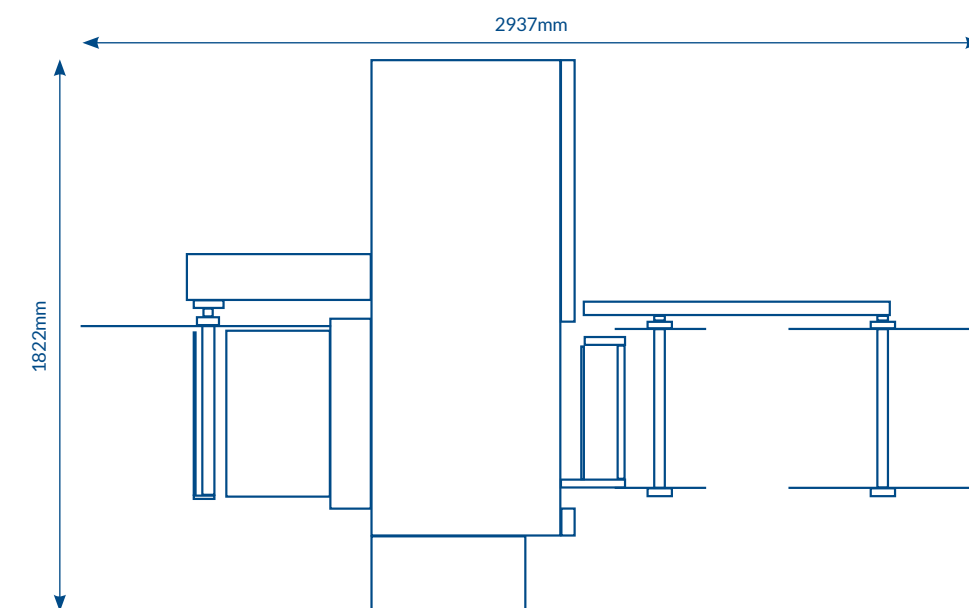
SEWING HEAD & CONTROLS

- Automatic needle positioning
- Quick width adjustment
- Electronic stitch length adjustment
- Electronic flute width adjustment
- Twin material clamping system
- Powered head exit facility (to ease threading and cleaning and minor sewing adjustments)

ROLLER OPERATION

- Rollers opened by pneumatic control for ease of loading
- Automatic shut down sensor - detecting material blockage in roller
- Auto re-wind with quick release mandrel

FOOT PRINT DIMENSIONS



BORDASERGE

Computer controlled border serge machine

The BordaSerge is an automatic system for serging both sides of any quilted or pre-stitched border up to 500mm in width. The finished border is collected on the variable speed rewind unit. Capable of serging 80 feet per minute. The BordaSerge is without doubt one of the fastest machines available.



FEATURES

- High speed three thread over-locking heads
- Material run-out sensors
- Border widths from 75mm - 500mm
- Single side serging if required
- Thread management system for easy threading and all round access
- Production rate up to 4 metres per minute
- Access into machine protected by safety detectors
- Option available: BordaMark - measure and cut system
- Machine voltage - 415v
- Air requirement - 60-90 PSI

TECHNICAL DATA

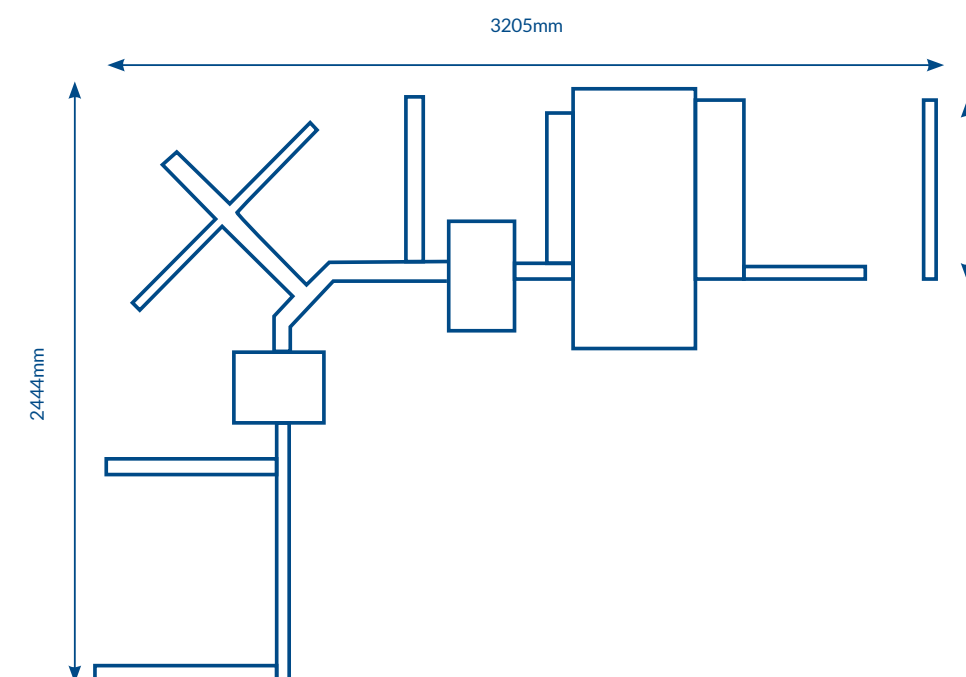
SEWING HEAD & CONTROLS

- Automatic needle positioning)
- Quick width adjustment
- Electronic stitch length adjustment
- Electronic flute width adjustment

ROLLER OPERATION

- Rollers opened by pneumatic control for ease of loading
- Automatic shut down sensor - detecting material blockage in roller
- Auto re-wind with quick release mandrel
- Twin material clamping system

FOOT PRINT DIMENSIONS



BORDATAC S2

Simulated side stitching machine

The BordaTac S2 is a simulated side stitching machine offering the very best hand stitched border effect on the market today. BordaTac S2 also offers increased border widths up to 17", a remarkable 4" wider than current available technology offers.



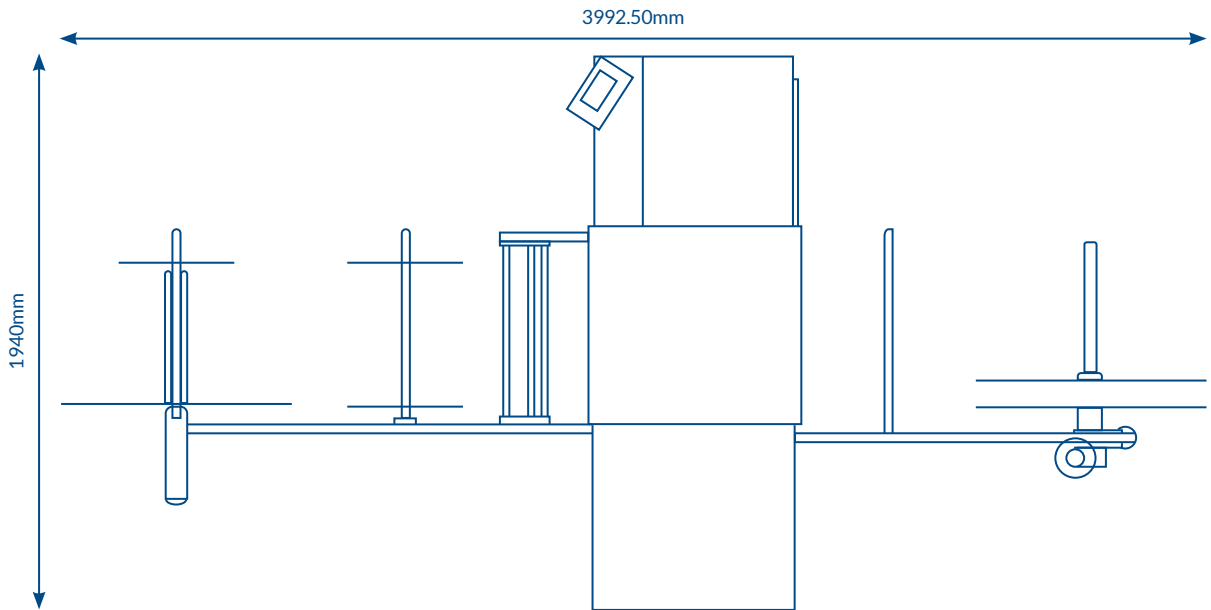
FEATURES

- Border widths 6" to 17"
- 2 or 4 head configurations available
- Pfaff heads with swinging needle technology
- Suitable for both mattress and base borders
- 2, 3, 4, 6, 8 tack configurations
- Automated batch border production. Based on the number of borders you require or automated metering facility
- Automated tack position
- No mechanical setup required
- Modular design allows the integration of serging heads
- Full servo control means increased production speed and accuracy
- Optional integrated double overlocking for a fully automated solution

TECHNICAL DATA

- Pendulum needle bar
- Single-thread chain stitch (seam type 101)
- Integrated sewing drive
- 18mm lifting clamp
- 46mm needle bar stroke
- Needle type: 190K
- Power supply: 50/60 Hz
- Voltage: 415V, 3 phase + N
- Working air pressure: 6 bar/80psi
- Maximum material width: 17"
- Minimum material width: 5"
- Tack configurations: 2-8 dependent on border width

FOOT PRINT DIMENSIONS



EUROMAX

Multi-functional 3D border quilting machine

The Euromax machine is designed for the fast and reliable production of decorative mattress and divan borders utilising 3D spacer fabrics and decorative tapes. The machine is fitted with a modified high-speed chain stitch sewing head. The system comes complete with in-feed stand and motorised wind-up creel for finished borders.



TECHNICAL DATA

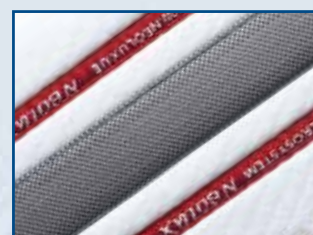
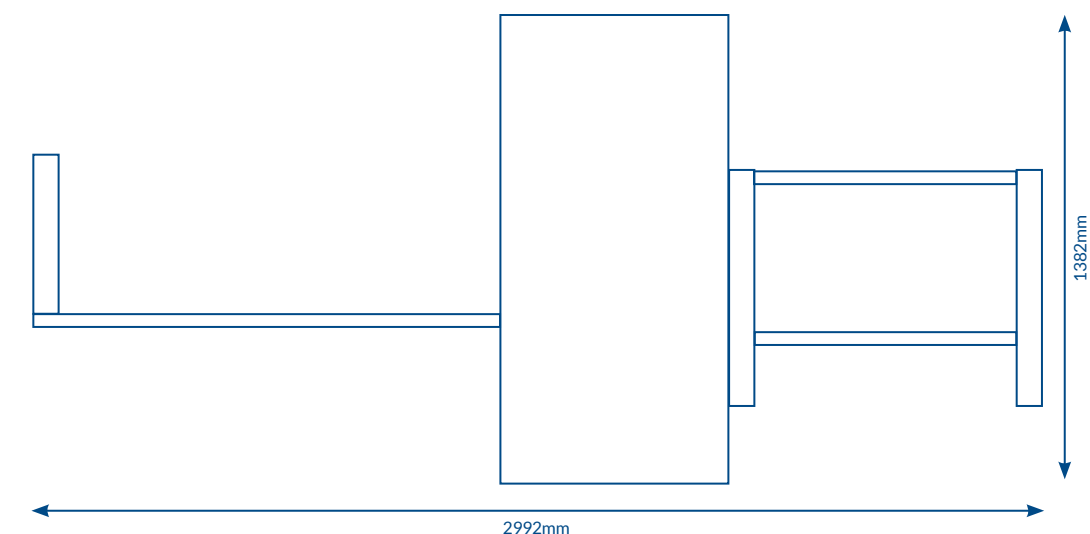
Standard machine features

- Sewing width 16"
- Output capacity: 5 metres per minute
- High speed chain stitch sewing head
- Fitted with wind-up creel
- Tape insert onto borders for a decorative finish to your mattresses
- Single tape line effect on mattress for Eurotop
- Electrics: 415v, 3P+N – 16Amp, 50/60 Hertz.
Air Pressure: 60-90 PSI

Euromax border effects

- Imitation Pillow Top
- Double Euro Top
- 2 Box Effect (VBM Required)
- 4 Box Effect (VBM Required)
- 5 Box Effect (VBM Required)
- Ventilation Fabric Insertion
- Triple Material Combination
- Designer Tape Effects

*FOOT PLATE DIMENSIONS - STANDARD MACHINE



SERGE MASTER

High speed in-line border overlocking machine

The SergeMaster is a high speed left and right sided mattress border serging system. Suitable for all border types which includes Pre-Micro Quilted Borders, SergeMaster can also be used for the preparation of fabricated borders for use on side stitching machines like the BordaTac system.



FEATURES

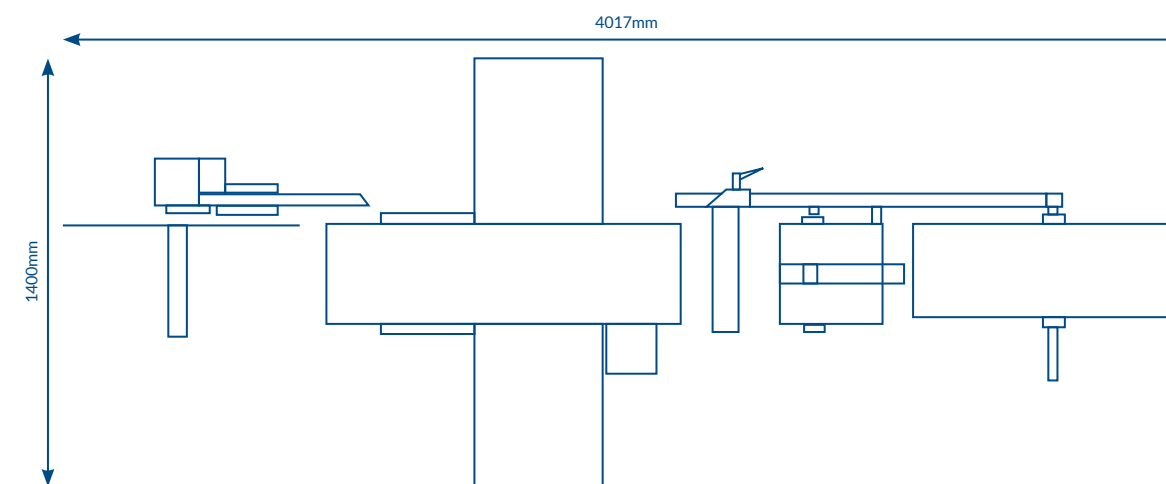
- Quick release for fast adjustments of sewing widths
- Various machine widths available, standard machine offers a maximum finished width of 600mm
- Material run out sensors
- Thread break detection
- Full variable speed
- High loft capability for foam and fibre
- Powered rewind

TECHNICAL DATA

Specifications

- Needle Type: B27
- Maximum material weight: 700g
- Minimum and maximum widths: 220mm - 600mm
- Thread Type: 75's polyester.
- Sewing speed 3500rpm
- Minimum and maximum stitch lengths: no minimum, 6mm maximum
- Self lubricating heads
- 4 thread

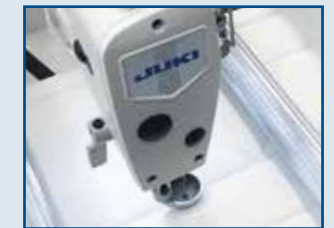
FOOT PLATE DIMENSIONS



VERSO-QUILT

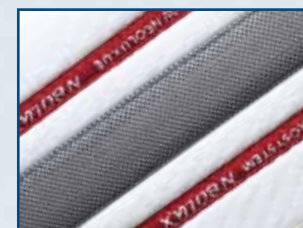
Multi-function 3D border quilting machine

Utilising high speed servo controlled sewing heads the Verso-Quilt delivers a limitless range of pattern effects and border finishes. Verso-Quilt can be supplied as a twin head system or linked into an optional multi-needle sewing head to further enhance your borders with 3D spacer fabrics and decorative tapes.



FEATURES

- Multiple head chain stitch sewing technology
- Sewing widths up to 16"
- Multi-needle sewing head for increased pattern options & 3D spacer or tape effects
- Auto-hemming
- Large pattern range
- On screen pattern adjustment
- Full servo control



TECHNICAL DATA

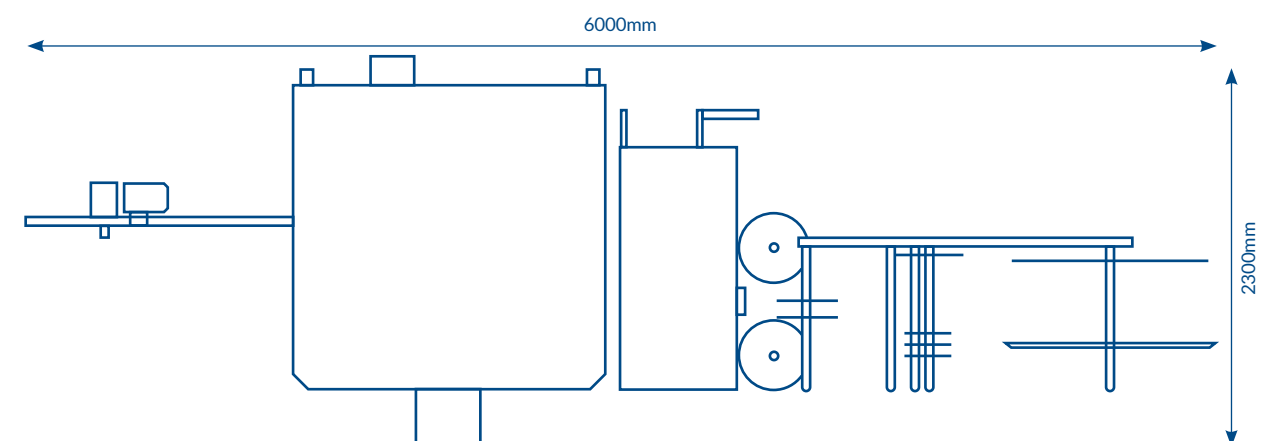
Standard Machine Feature

- Multiple head sewing technology
- Large pattern range
- Chain stitch sewing technology
- Touch screen control with on-screen pattern adjustment
- Supplied with CAD software to create own designs

Technical Data

- Maximum material width: 17" (432mm)
- Maximum finished quilting width: 16" (406mm)
- Voltage options: 415v - 3 phase + neutral
- Stitch length range: 1mm - 4mm
- Air requirement: 4bar / 80 PSI

FOOT PLATE DIMENSIONS



AUTOTUFTER

Fully automatic mattress tufting machine

The Autotufter is the world's fastest fully automatic tufting machine capable of tufting in excess of two hundred mattresses per shift with a single operator. In response to modern manufacturing methods the machine is capable of working with 30 & 40mm felt washers. For premium mattresses we offer Pom-Pom washers for the ultimate luxury tufted effect. In response to the growing demands of inner tufting, for quilting attachment or for the pre-tensioning of springs units, the Autotufter now offers a solution utilising Velcro washers.

1 Increased product capability with improved overall performance

2 Completely automated tufting solution

3 Vastly reduced maintenance cost

3 REASONS TO BUY THE AUTOTUFTER

The Autotufter with **PATENTED TRIPLE LACE SYSTEM** meets the demands of any manufacturing environment, big or small.



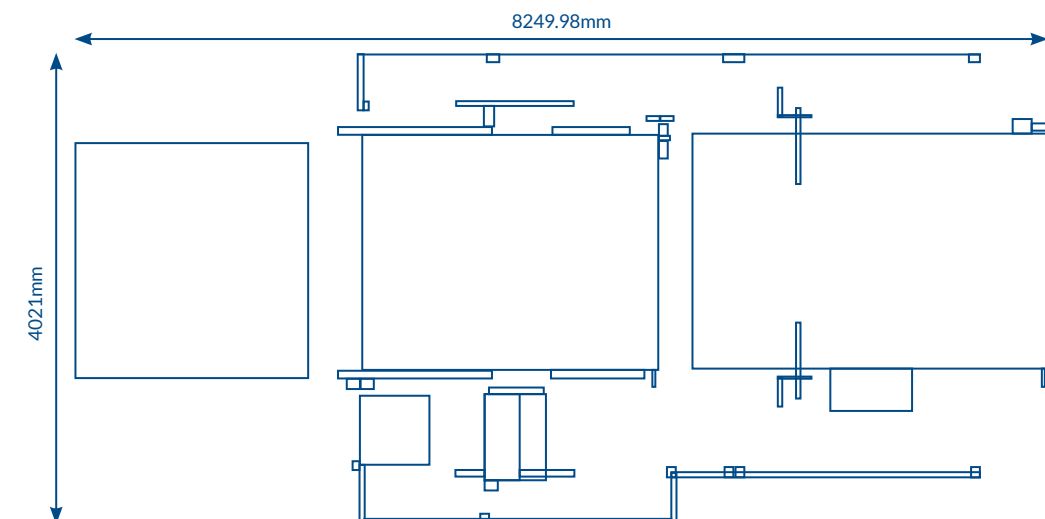
MORE FEATURES

- Fully automated tufting solution suitable for both mattresses and futons
- Works with standard tufts and washers, Pom-Pom and Velcro for inner tufting
- Automatic product sizing and pattern selection
- Barcode reading for tuft configuration
- Automatic change-over between tuft lengths
- Reduced material handling
- 200+ mattresses per 8-hour shift
- Eliminates RSI potential

TECHNICAL DATA

- Machine speeds based on first to last tuft: 3ft in 62 seconds 4'6" - 5' in 132 seconds
- Touch screen technology
- Horizontal feed suitable for all spring types including pocket units, latex and futon mattresses
- Helical avoidance system
- Automatic product sizing and pattern selection
- Powered head exit facility (to ease threading and cleaning and minor sewing adjustments)
- Continuous role feed tufts and washers available in full range of sizes
- Works with tuft lengths ranging from 70mm - 355mm
- Mattress depths from 90 - 400mm
- Auto stops for tuft and washer replenishment
- Works on all mattress sizes both European and US

FOOT PRINT DIMENSIONS



POWERMAX-4

Heavy duty mattress tufting press

The PowerMax-4 is a high powered mattress tufting press designed to easily compress today's high spring count mattresses containing high density fillings. The PowerMax-4 is designed to compress all spring types including hand stitched pocket mattresses up to 450mm in depth.



TECHNICAL DATA

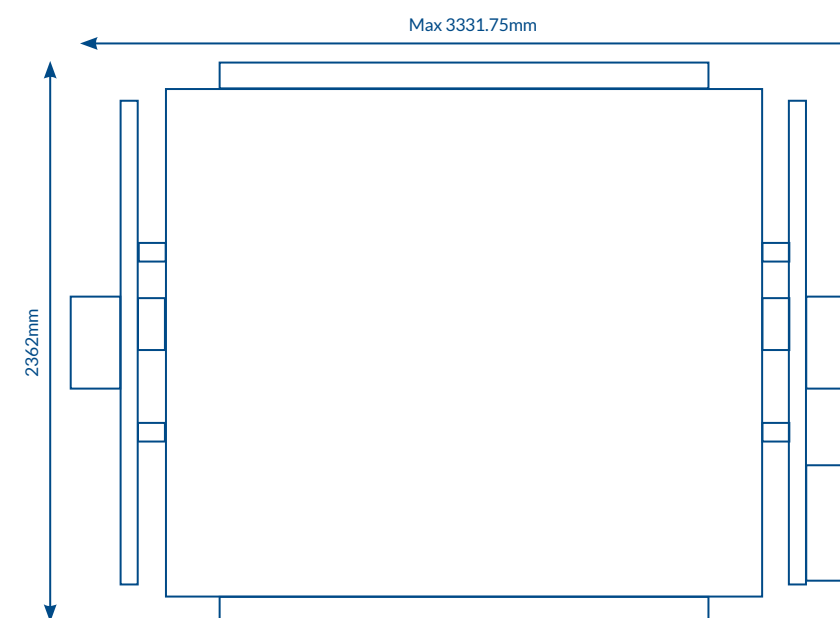
- Compresses all spring heights and wire diameters
- Suitable for futons
- Can be built to your specific requirements
- Easily adjusted guide bars
- Machine pivots within its own area for safety
- Conveyorised version available
- Tufts products up to 450mm in depth

TECHNICAL DATA

Specifications

- Electrical – Not required
- Air – 9 Bar pressure
- Weight – 1600 kg

FOOT PLATE DIMENSIONS



iQUILT 2

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.



FEATURES

- 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

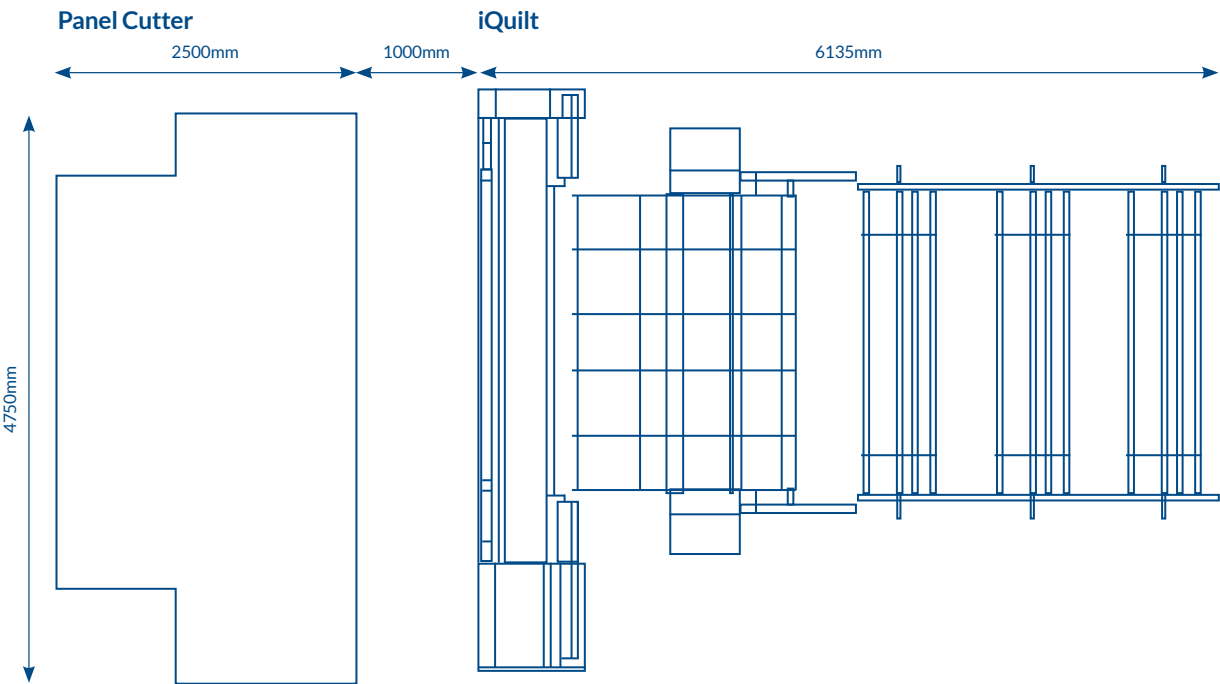
With 180+ designs pre-installed you will never be short of choice. All designs have been grouped together based on fixed needle positions to make pattern selection simple. The iQuilt's pre-installed designs can be further expanded by adjustments to needle spacing. An on-screen display shows any changes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

TECHNICAL DATA

Standard Machine Feature

- 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

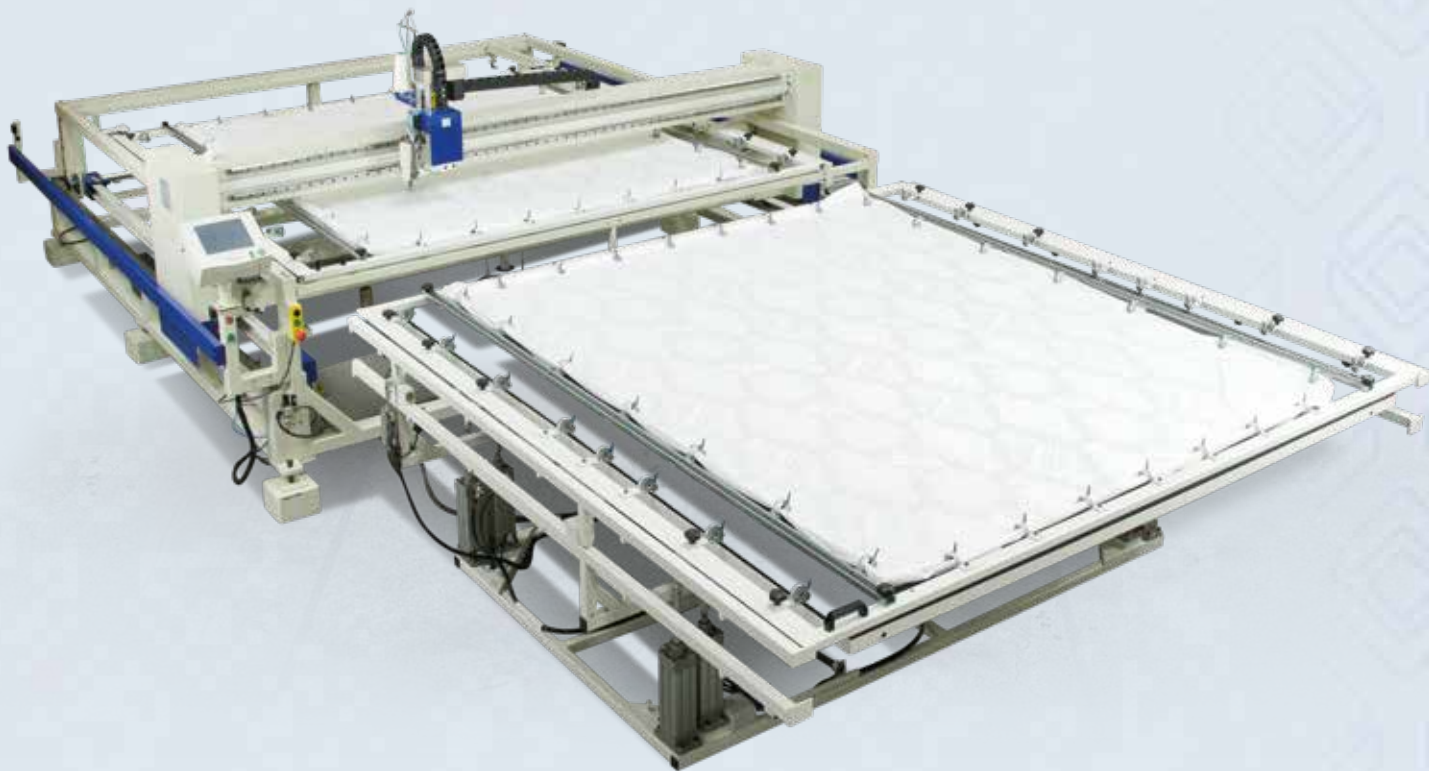
*FOOT PLATE DIMENSIONS - STANDARD MACHINE



MATRAMATIC QUILTER

Computer controlled mattress quilting machine

The Matramatic Quilter offers mattress manufacturers the advantage of high speed heavy duty stitching coupled with computer control ensuring simple operation. The Matramatic offers one main advantage over many of its rivals - the ability to quilt many of today's natural fibres which cannot be quilted on traditional through feed quilters. Materials such as latex, wool, horse hair, cashmere etc. can all be quilted with ease. Infinite machine pattern storage capacity combined with simple pattern selection via touch screen display complete the Matramatic.



FEATURES

- Floating beam technology
- Touch screen control
- Suitable for mattresses, quilt covers and mattress toppers
- Lock stitch sewing head
- Large quilting area
- 3 machine sizes available
- Thread break detection
- Twin loading frames
- Infinite machine pattern storage facility

TECHNICAL DATA

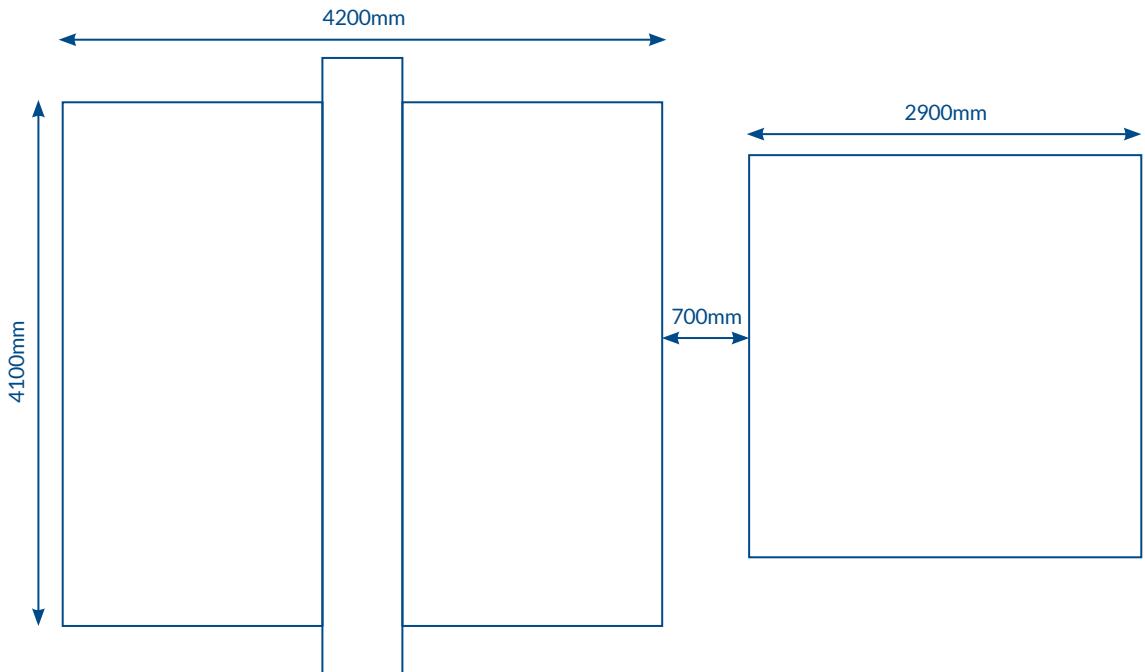
Stitching Detail

- Sewing head: Lock stitch sewing heads, each incorporating a lifting presser foot
- Type of stitch: Two-thread lock stitch
- Sewing speed: Variable up to 1250 stitches per minute
- Stitch length: 2-10mm (21/2 - 12spi)
- Linear speed: 25m per minute (82ft per minute)

Specifications

- Standard machine clamping area 2700mm x 2700mm
- Standard machine quilting area 2650mm x 2650mm
- Thread trimming
- Options of three machine sizes available
- Voltage: 415v 3 phase/Air 90psi

FOOT PLATE DIMENSIONS



PANELMASTER

Fully-automated panel and border processing system

The Panelmaster is designed to work in line with iQuilt, offering a fully-automated panel and border processing solution. Panelmaster is fitted with multi-slitters for border production. A touch screen control allows the user to program the machine for panel and border production. Servo edge-trimming control allows for fine adjustment in the removal of waste materials.



FEATURES

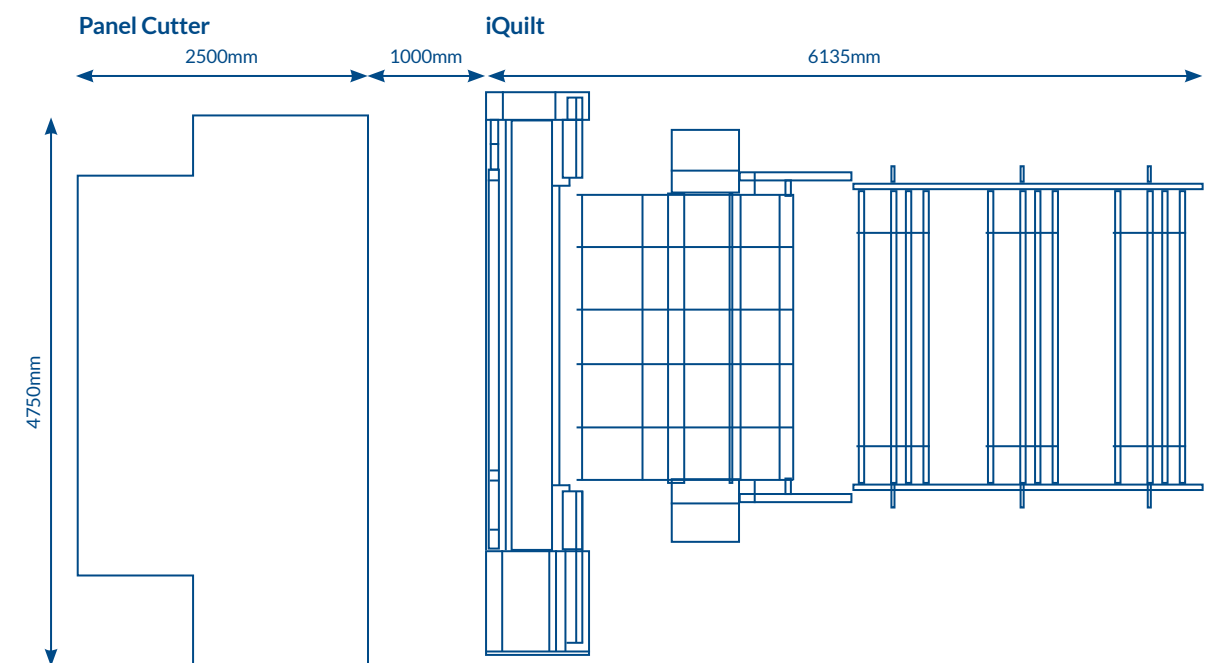
- Panel cutter supplied complete with 12 multi-slitters
- 2 edge trimming units
- Horizontal cross cut facility
- Air mandrel for easy loading of roll
- Automatic sizing of finished panels
- Touch screen control

TECHNICAL DATA

Specifications

- Weight: 1500kg
- Length of board: 2000mm
- Thickness: 3-80mm
- Width: 100-2500mm
- Speed: 7000mm/min
- Power: 3kW
- Power supply: 380V/50Hz, 220V/60Hz
- Air pressure: 0.4-0.8Mpa

FOOT PLATE DIMENSIONS



RP-2 SPRING BALER

Spring unit roll-pack baling system

The Helix RP-2 Roll Pack System provides manufacturers of innerspring units a cost effective means for packaging spring units for shipping or storage.

The RP-2 requires a single operator and is capable of packing up to 950 innerspring units in a normal 8 hour shift. Designed to roll pack a variety of spring systems, including Bonnell, double and triple offset, pocket springs, open-end springs and all continuous coil systems.



FEATURES

- Total operation control by operator
- Dispenses standard spring unit in five seconds
- Machine widths available 2m
- Rolls up packing material as it dispenses
- Variable and crawl speed control

TECHNICAL DATA

Stitching Detail

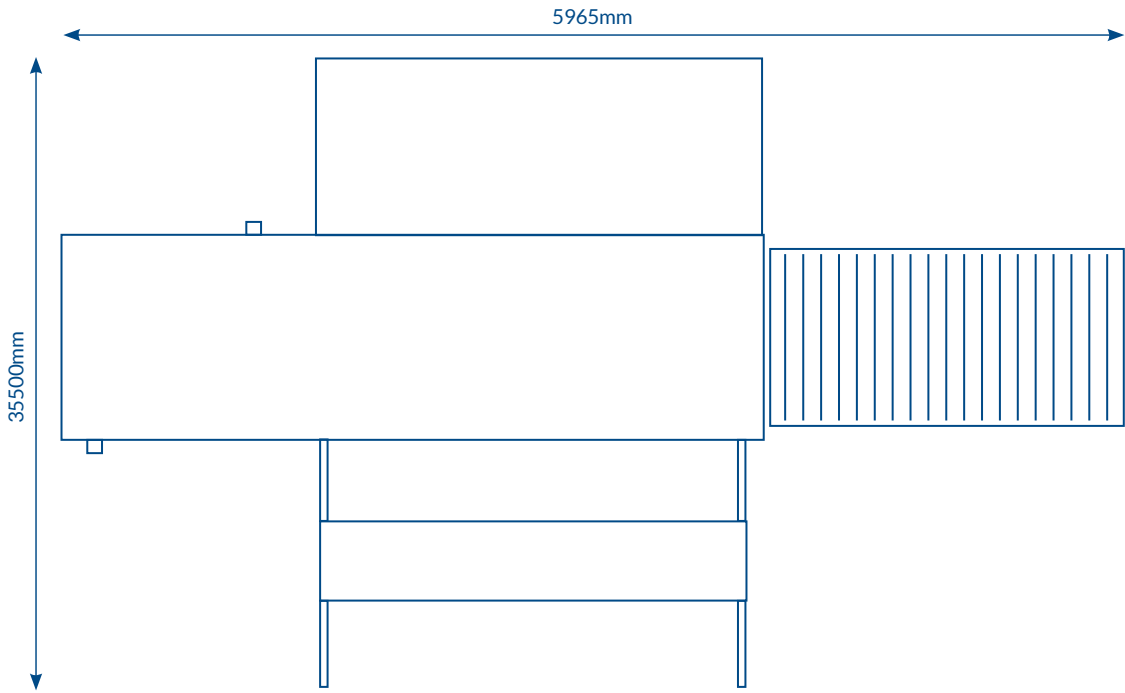
- PLC controlled
- AC variable speed
- Ergonomically correct entry height
- Finished Pack Ejection System
- Metric Construction
- Working width - up to 2.3m (91.75")

- Works with both paper and reusable polypropylene materials
- Emergency stops

Voltage & Air

- Air Consumption per min: 80psi
- Voltage: 3 Phase / 415 volts / 50 hertz

FOOT PLATE DIMENSIONS



RD-2 UNBALER

Spring unit unbaling machine

The RD-2 spring unit unbaling machine safely and efficiently unbales roll packed mattress spring units, eliminating roll pack explosion hazards. The RD-2 is designed to safely handle the extra spring count and heavier gauge and framed units.



FEATURES

- Total operation control by operator
- Dispenses standard spring unit in five seconds
- Machine widths available 2m
- Rolls up packing material as it dispenses
- Variable and crawl speed control

TECHNICAL DATA

Stitching Detail

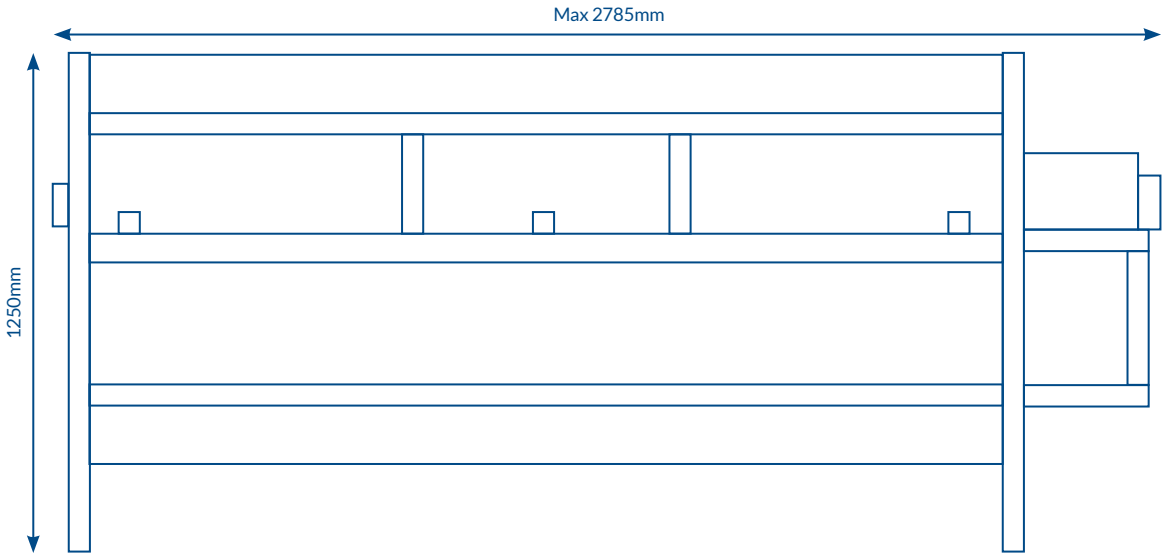
- Maximum spring unit width 2m
- Maximum spring unit width 2m
- Minimum 0.70m
- Maximum role diameter 1.1m
- Suitable for all spring unit types
- Foot and control panel operation

- Works with both paper and reusable polypropylene materials
- Emergency stops

Voltage & Air

- Air Consumption per min: 80psi
- Voltage: 230/240 volts

FOOT PLATE DIMENSIONS



ALS

Automatic label attaching machine

ALS Automatic Label Attaching System incorporating pneumatic clamping of labels. Capable of zigzag stitching or straight line sewing for mattress labels of any shape or design. The ALS Automatic Label Attaching System is available with Duo-Mat function and additional tooling is supplied to also attach handles automatically in a variety of designs (this facility can be installed onto the machine in less than three minutes) as optional extras.



FEATURES AND BENEFITS:

- Juki sewing head modified for quilted and plain fabrics
- Lock stitch, stitch length 0.05mm – 12.7mm
- Double shuttle hook, suitable for most types of material weights
- Standard machine max sewing area 250 x 160mm
- Larger machine 300 x 200mm
- Auto thread trimmer
- Fully programmable

PFH-50AS

Automatic handle attaching machine

The PFH-50AS is a semi automatic handle attaching machine/station. The fully automatic programmable sewing cycle automatically clamps the handle and attaches it to the mattress border in just one operation. The PFH-50AS has been designed with flexibility in mind, allowing for fast change over times between different ticking.



FEATURES AND BENEFITS:

- Cycle time 15 seconds for left and right flag stitch
- Fast changeover of product ticking
- Programmable stitch patterns
- Ergonomic working height
- Automatic clamp and stitch cycle

PFH-50

Automatic handle making machine

The Newly Designed PFH-50 offers the same performance as its predecessor but is now fitted with automatic thread break detection and material run out sensors. The PFH-50 comes with a high speed guillotine cutter and is now available with an optional touch screen display giving additional features such as batch production control and available in a range of formats to suit any clients budget. So if you are looking for a basic system and a machine with a full range of features including batch controlling the PFH-50 has something to offer everyone.



FEATURES AND BENEFITS:

- Chain Stitch Sewing Head Rewind and guillotine options available
- Thread break and material run out sensors
- Optional touch screen control for increased range of features

HL-8

Mattress flanging machine

The HL-8 is a high loft heavy duty mattress flanging machine for the closing of quilted panels and can cope with heavy and light weight quilts effortlessly. With its 4000spm sewing speed the HL-8 offers high productivity, combined with a high lifting foot which allows panels to be passed freely into the start position. The HL-8 comes with a flange insertion system and high capacity waste removal system.



FEATURES AND BENEFITS:

- Heavy duty sewing head
- Material thickness: 9.5 mm – 152 mm
- Speed: 4000 spm @ 4 spi
- Safety seam width: 25 mm
- Presser foot height: 19 mm
- Production speed: 850 panels 8-hour shift

NSC15 STRIP CUTTING MACHINE

Textile cutting machine

The Strip cutting machine is designed to accept rolls of material to a maximum length of 3000mm and a maximum diameter of 300mm (NSC15) or the optional 380mm (NSC18) and is fitted with a cloth bar to accept 50.8mm inside diameter cores, material is controlled by a variable speed drive, semi-automatic spacing device which allows pre-set cut widths up to 100mm and measuring rule fixed to the carriageway allows for cutting wider widths.



KEY FEATURES

- Blade housing travels the full length of the machine by rotation of hand wheel
- Material roll is controlled by a variable speed drive and can be rotated clockwise & anti clockwise
- The blade housing contains a grinding facility to keep the blade sharp at all times

PANELMAX

Automatic panel cutter machine

The Panelmax fully automated panel cutting solution is the perfect system for all fabric types. The Panelmax features a digital measuring system to ensure the highest possible levels of accuracy required. The machine is also fitted with a full safety interlock system to meet with strict health and safety requirements. The Panelmax is capable of holding multiple rolls and can handle material up to 2.5 metres wide. Other features include an automated stacking system for cut fabrics allowing easy unloading and the touch screen control means users can store cutting requirements for easy access.



FEATURES AND BENEFITS:

- Automatic material stacking
- Full digital control
- Fully automatic operation
- Maximum width 2.5 meters
- Small working foot-print
- Processes quilted materials

MPT-300U

High speed tape edge sewing head

The MPT-300Ux5 Double Lock Chain Stitch Sewing Head has been the industry standard tape edge head for over 20 years. Its robust design and sewing speed of 3500spm meets the demands of today's modern tape edge machines. With an 11mm foot clearance it's capable of working with today's heavy weight materials. The MPT-300Ux5 can be fitted to any tape edge machine and is available with a choice of binder options in single and double fold formats.



KEY FEATURES

- Double lock chain stitch Type 401
- Maximum sewing speed: 3500spm
- Feed type: compound feed and alternating pressers
- Maximum stitch length: 7.6mm
- Clearance under presser foot: 11mm
- Needle bar stroke: 36.5mm
- Dimensions from needle to side of machine bed: 6.9mm
- Supplied with a single or double fold tape binder

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



**May change due to machine options and variations*

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