



DESIGN

SERVICE

PERFORMANCE

RELIABILITY

EXPERTISE

TECHNOLOGY

PRODUCTIVITY

INNOVATION

QUALITY

THE ONLY NAME FOR ALL YOUR
MATTRESS MACHINERY NEEDS

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



KEY FEATURES

- ◆ 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

BORDAMAX

Computer controlled vertical stitch border machine

The BordaMax vertical stitch border machine utilises a high speed double lock chain stitch and 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 wider borders we offer our 508mm model the BordaMax-2.



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION

Material run-out sensor



Optional 508mm sewing head



BORDAMAX

Computer controlled vertical
 stitch border machine

MORE FEATURES & OPTIONS

- ◆ Production rate up to 4m per minute
- ◆ Durable powder coated finish to machine framework
- ◆ Access into machine protected by safety detectors
- ◆ Option available: BordaMark - measure and cut system

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

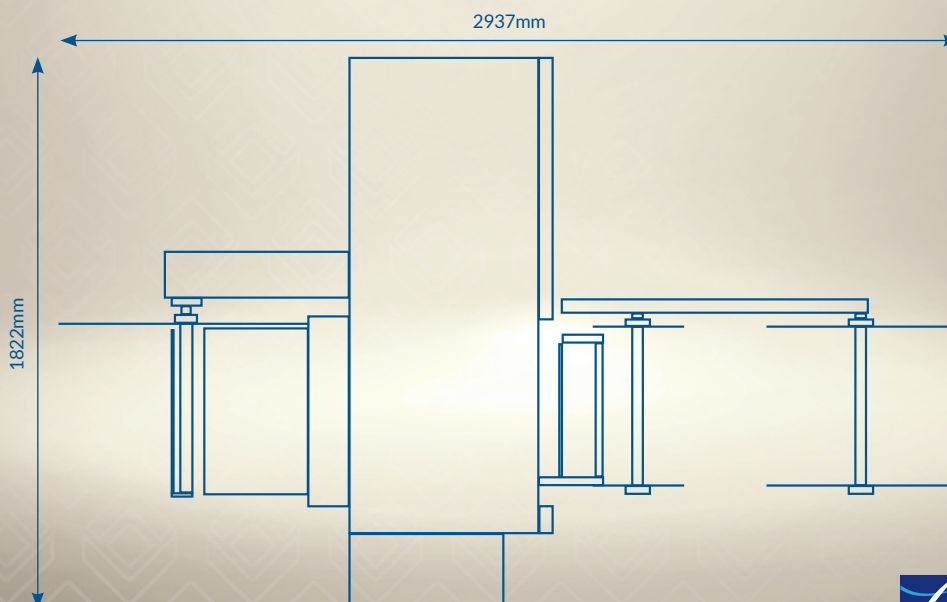
Auto rewind with quick release mandrel

-

-

-

*FOOT PLATE DIMENSIONS



**May change due to machine options and variations*

Divisions of MPT Group Limited: FANGHANEL MATRAMATIC INFINITY SLEEP SUPPORT SYSTEM



w: mptgroup.com

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



KEY 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

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.



High speed over-lock heads



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION

Material run-out sensor



High speed over-locking heads



BORDASERGE

Computer controlled border serge machine

MORE FEATURES & OPTIONS

- ◆ Production rate up to 4m per minute
- ◆ Access into machine protected by safety detectors
- ◆ Option available: BordaMark - measure and cut system
- ◆ Machine voltage: 415v
- ◆ Air requirement: 60-90psi

Sewing Head & Controls

Automatic needle positioning

Quick width adjustment

Electronic stitch length adjustment

Electronic flute width adjustment

Roller Operation

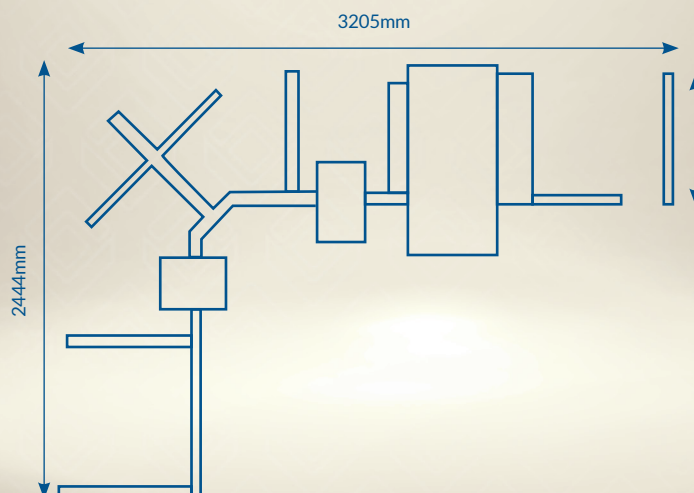
Rollers opened by pneumatic control for ease of loading

Automatic shut down sensor - detecting material blockage in roller

Auto rewind with quick release mandrel

Twin material clamping system

*FOOT PLATE DIMENSIONS



* May vary due to machine options and variations. For Full Automated Border Measure & Cut System see the BordaMark & Serge System



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



KEY 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

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.



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION

BORDAMARK

Computer controlled border mark and cut machine

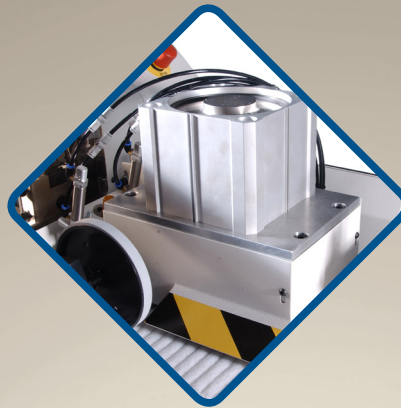
MORE FEATURES & OPTIONS

- ◆ Wider width machines available
- ◆ Massive memory for border programmes
- ◆ Input facility for size and quantity
- ◆ Material run-out monitoring system

Cutting



Optional notching



Marking

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

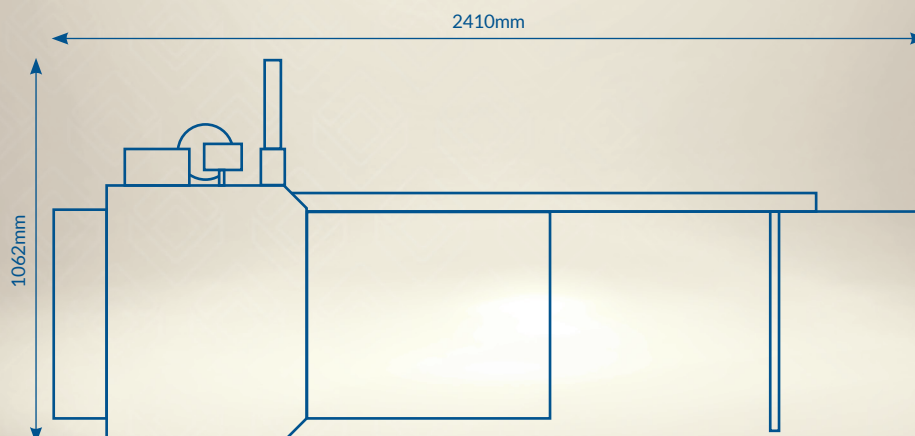
High speed rotary knife

Easy sharpening mechanism

Pneumatic roller opening for easy loading

Enclosed cutting area with safety sensor

*FOOT PLATE DIMENSIONS



* May vary due to machine options and variations. For Full Automated Border Measure & Cut System see the BordaMark & Serge System



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



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.

KEY FEATURES

- ◆ High speed three thread overlocking heads
- ◆ Massive memory for border programmes
- ◆ Input facility for size and quantity
- ◆ Vacuum waste removal of trimmed material
- ◆ 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



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION

BORDAMARK & SERGE

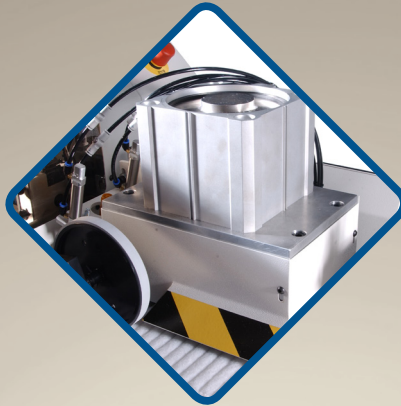
Computer controlled border mark and serge machine

- ### MORE FEATURES & OPTIONS
- ◆ Wider width machines available
 - ◆ Massive memory for border programmes
 - ◆ Input facility for size and quantity
 - ◆ Material run-out monitoring system

Cutting



Optional notching



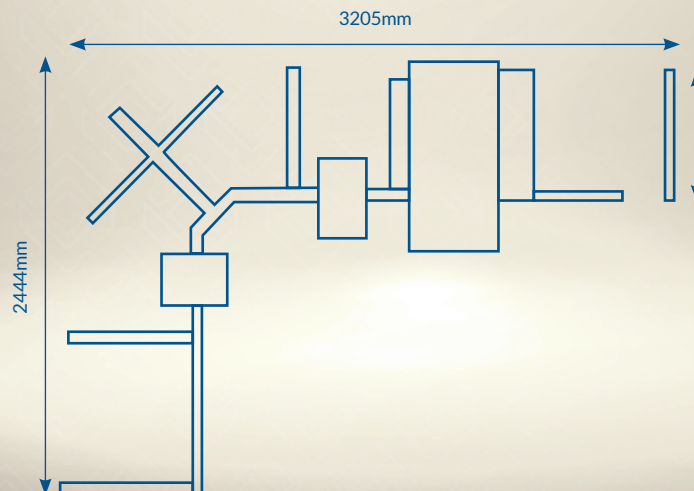
Sewing & Marking

- 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 PLATE DIMENSIONS



* May vary due to machine options and variations. For Full Automated Border Measure & Cut System see the BordaMark & Serge System



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



KEY 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

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 with 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.



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION

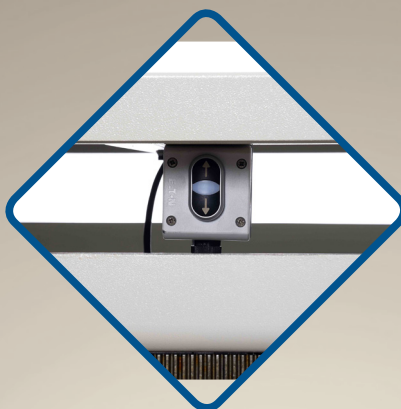
COTMAX

High speed electronic cot tape edge machine

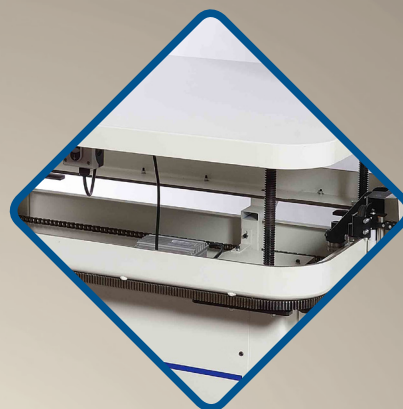
Powered head positioning



Powered table lift



Variable table heights



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)

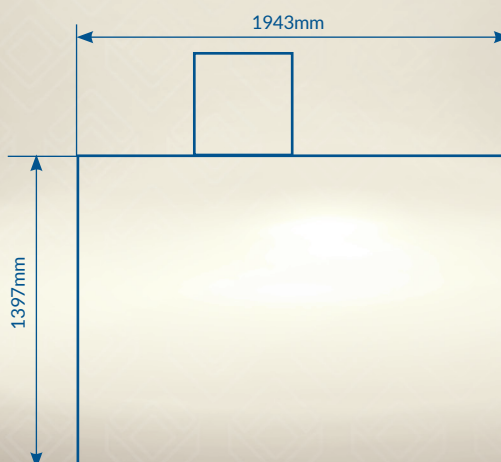
Extensive choice in binders

1500spm with lock stitch head

Adjustable stitch length

High lift needle cam

*FOOT PLATE DIMENSIONS



**May change due to machine options and variations*

Divisions of MPT Group Limited: FANGHANEL MATRAMATIC INFINITY SLEEP SUPPORT SYSTEM



w: mptgroup.com

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



KEY FEATURES

- ◆ Simple operation
- ◆ High speed heavy duty stitching
- ◆ Automatic control
- ◆ User friendly programming and diagnostics
- ◆ Infinite machine pattern storage capacity
- ◆ Pattern program management system
- ◆ Needle cooling and lubrication system
- ◆ Independent sewing head control

CQT QUILTER

CNC twin head mattress panel quilter

The Matramatic CQT offers mattress manufacturers the advantage of high speed heavy duty stitching coupled with CNC control ensuring simple operation. The CQT 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 with the Matramatic CQT. Infinite machine pattern storage capacity combined with simple pattern selection via touch screen display complete the Matramatic CQT.



Touch screen display

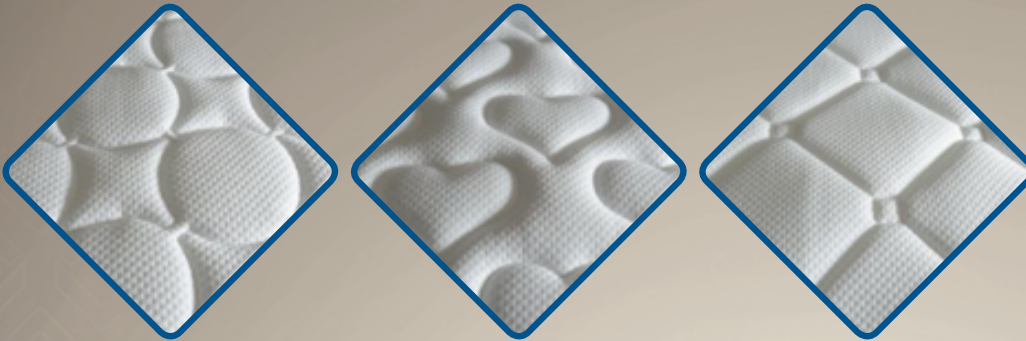


For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION

Quilting pattern options



CQT QUILTER
 CNC twin head mattress panel
 quilter

MORE FEATURES & OPTIONS

- ◆ Heavy duty stitching
- ◆ CNC control
- ◆ Infinite machine pattern storage capacity
- ◆ Simple pattern selection via touch screen display

Stitching Data

Sewing head	Two extra heavy duty sewing heads, each incorporating a lifting presser foot
Type of stitch	Two-thread lock-stitch
Sewing speed	Variable up to 1250 stitches per minute per head = 2500 stitches per minute
Stitch length	2 -10mm (2½ - 12spi)
Linear speed	5m per minute
Needle system	216 x 7 (5022)
Needle size	22/140 - 29/300
Thread top	Metric 25 - 75

Machine Sizes

Clamping & quilting area:

Clamping area (1.90 -2.25m) x (0.60-2.00m)

Maximum quilting area: 1.9m x 1.7m

*Optional larger sizes upon request

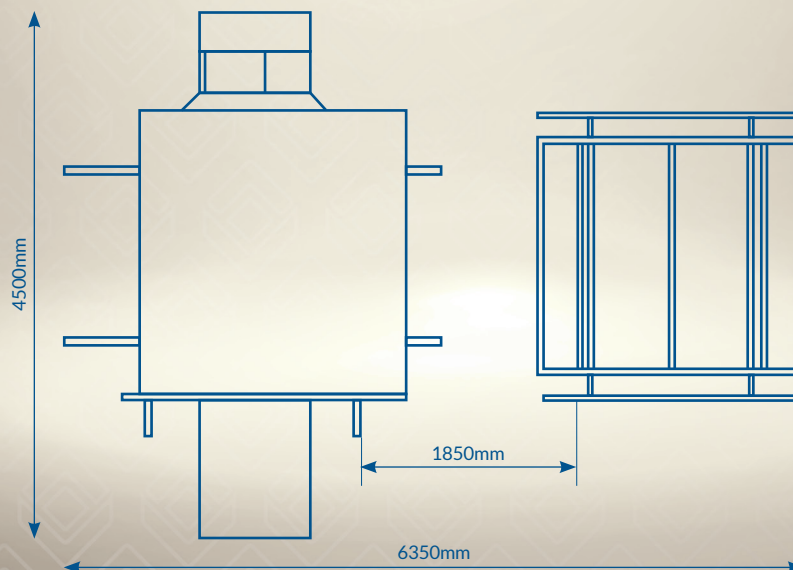
-

-

-

-

*FOOT PLATE DIMENSIONS



*May change due to machine options and variations

Divisions of MPT Group Limited: FANGHANEL MATRAMATIC INFINITY SLEEP SUPPORT SYSTEM



w: mptgroup.com

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



KEY 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

MATRAMAX

A high speed electronic tape edge machine

The Matramax High Speed Electronic Tape Edge Machine is a leader for mattress producers in the world today. The Matramax's innovative design features ensure a reduction in operator fatigue coupled with increased productivity. The Matramax Tape Edge Machine uses the industry standard 300x5 sewing head, optional sewing head brands such as Pfaff are also available.

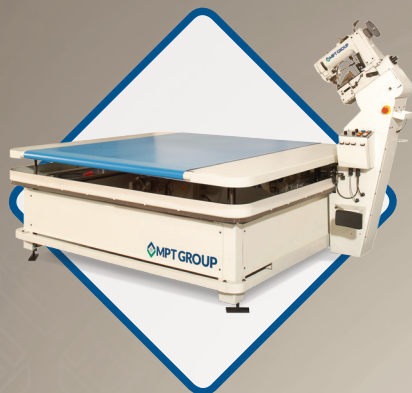


For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION

High loft conveyorised table option



Powered head positioning



MATRAMAX

High speed electronic tape edge machine

MORE FEATURES & OPTIONS

- ◆ Available with 300U high speed chain sewing head or heavy duty lock stitch sewing head
- ◆ Pneumatic foot lift (options)
- ◆ Extensive choice in binders
- ◆ Variable speed up to 3500rpm
- ◆ Adjustable stitch length
- ◆ High lift needle cam

Controls

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

Start/Stop machine

Straight line carriage speed

Corner speed

Table height & needle cooling

Angle of sewing head

Auto home position of the carriage

Carriage & Table Options

Various sizes of table available on request

Standard - 137cm x 190cm

Queen - 150cm x 200cm

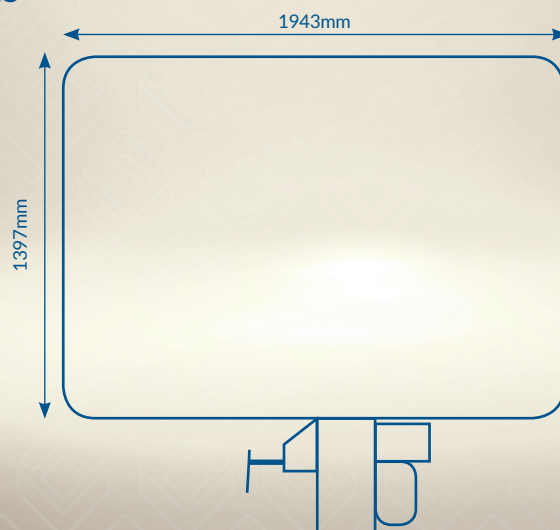
King - 200cm x 210cm

High loft table options available for 50.8cm mattress depths

Conveyor table top for easy positioning of mattress

-

*FOOT PLATE DIMENSIONS



**May change due to machine options and variations*

Divisions of MPT Group Limited: FANGHANEL MATRAMATIC INFINITY SLEEP SUPPORT SYSTEM



w: mptgroup.com

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



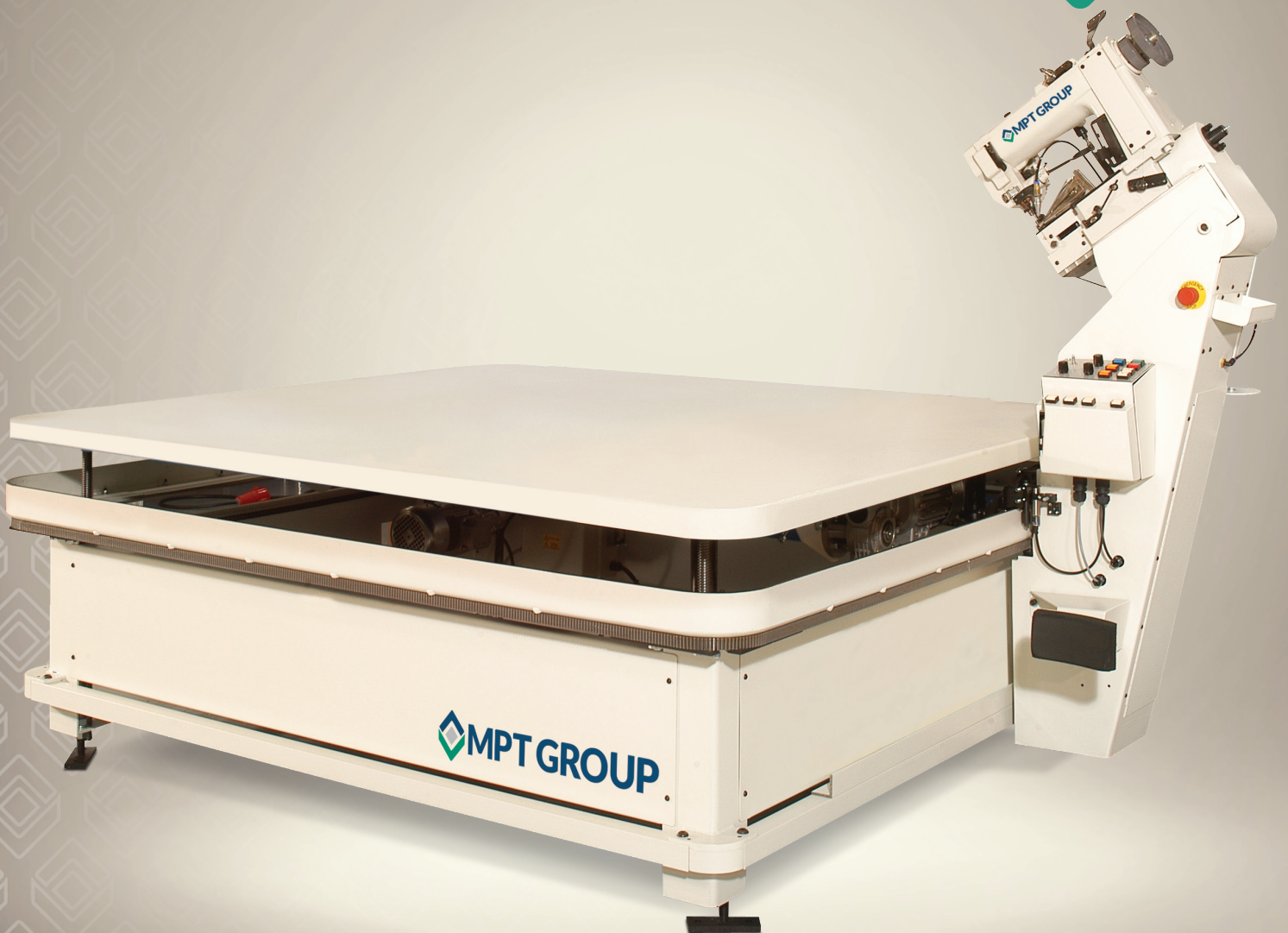
KEY FEATURES

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

MATRAMAX-HL

A high speed electronic high loft tape edge machine

The Matramax-HL is designed to cope with today's premium mattress products and can handle mattress products up to 559mm in depth. This, coupled with the machine's electronic features and its superior build quality makes Matramax-HL the leader for mattress producers in the world today. The Matramax Tape Edge Machine uses the industry standard 300Ux5 sewing head, optional sewing head brands such as Pfaff are also available.

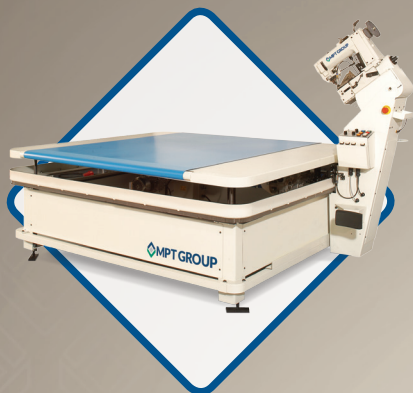


For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION

High loft conveyerised table option



Powered head positioning



MATRAMAX-HL

High speed electronic high loft
 tape edge machine

MORE FEATURES & OPTIONS

- ◆ Available with 300U high speed chain sewing head or heavy duty lock stitch sewing head
- ◆ Pneumatic foot lift (options)
- ◆ Extensive choice in binders
- ◆ Variable speed up to 3500rpm
- ◆ Adjustable stitch length
- ◆ High lift needle cam

Controls

The ergonomically designed 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

Carriage & Table Options

Various sizes of table are available

Standard - 150cm x 200cm

King - 200cm x 210cm

Other sizes are available on request

Conveyor table top for easy positioning of mattress (option)

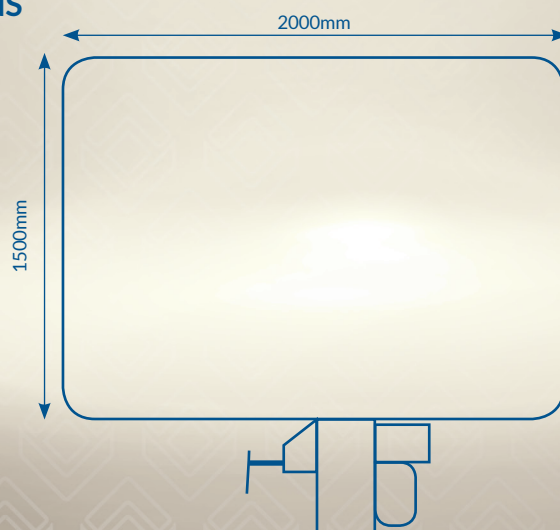
Conveyorised machines upgradeable to full T180 system

-

-

-

*FOOT PLATE DIMENSIONS



**May change due to machine options and variations*

Divisions of MPT Group Limited: FANGHANEL MATRAMATIC INFINITY SLEEP SUPPORT SYSTEM



w: mptgroup.com

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



KEY FEATURES

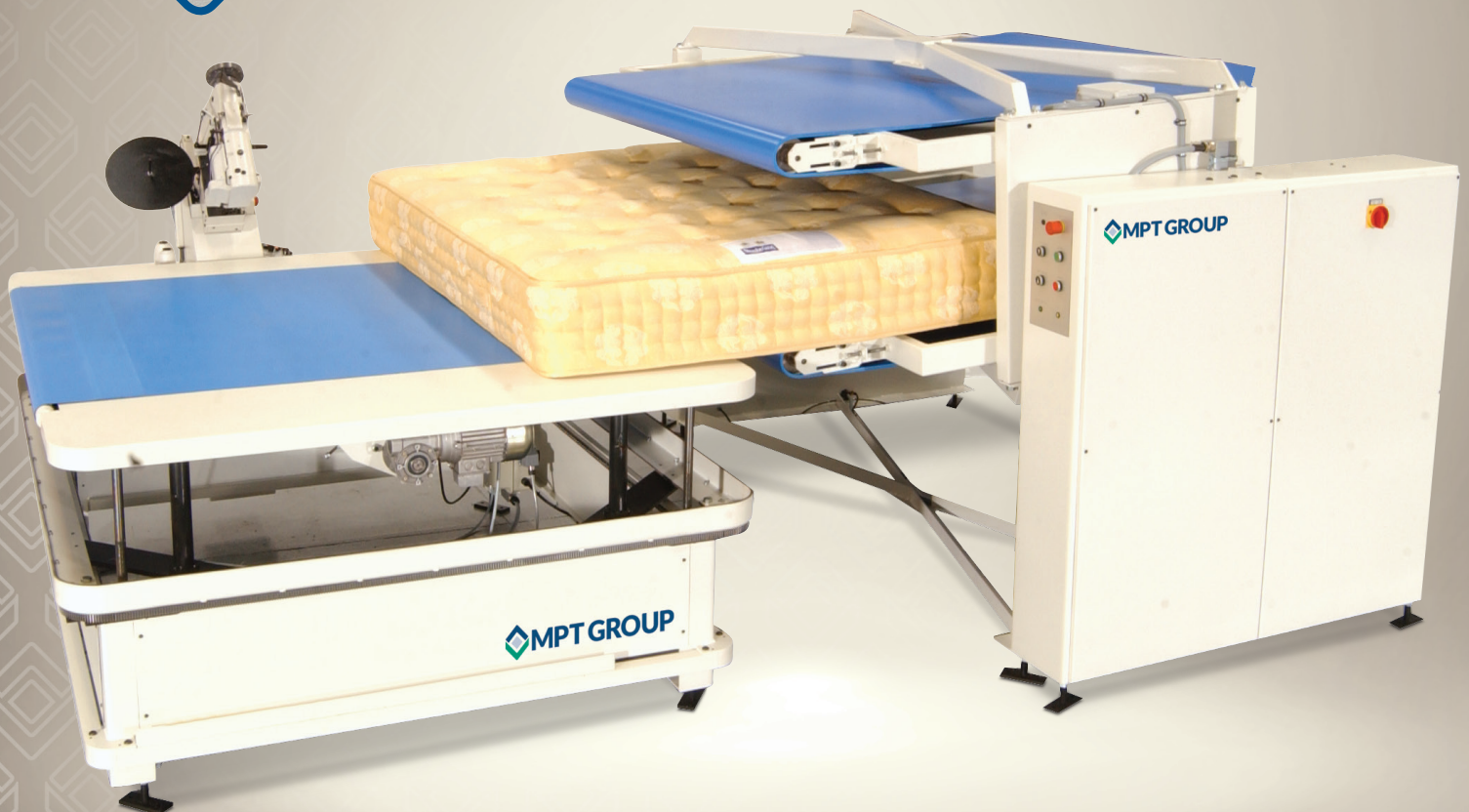
- ◆ Ultra high loft capability
- ◆ Power assisted carriage movement
- ◆ Variable corner-speed facility
- ◆ Powered head positioning control
- ◆ Needle cooling system
- ◆ Tape feed synchronisation system

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 heavy weight and oversized mattress products.

Electronic control station



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION

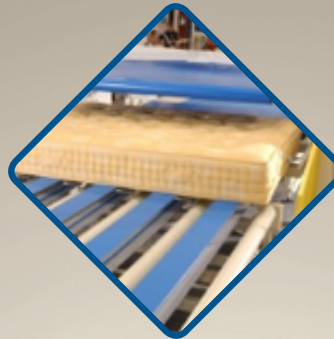
MATRAMAX SYSTEM T180

High speed electronic tape edge machine with mattress turning facility

Controlled mattress rotation



Works in conjunction with conveyor systems



High loft sewing capability



Controls

The ergonomically designed 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 3500 rpm

Adjustable stitch length

High lift needle cam

-

-

-

More Features & 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

-

-

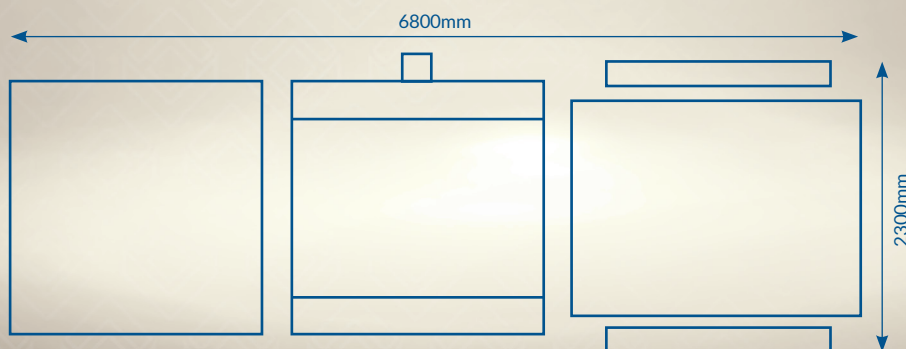
-

-

-

-

*FOOT PLATE DIMENSIONS



*May change due to machine options and variations

Divisions of MPT Group Limited: FANGHANEL MATRAMATIC INFINITY SLEEP SUPPORT SYSTEM



w: mptgroup.com

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



KEY FEATURES

- ◆ 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
- ◆ Conveyerised version available
- ◆ Tufts products up to 450mm in depth

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.

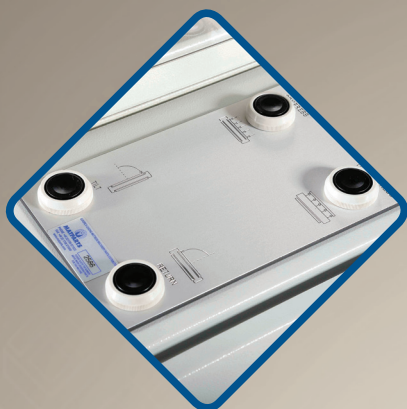


For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com

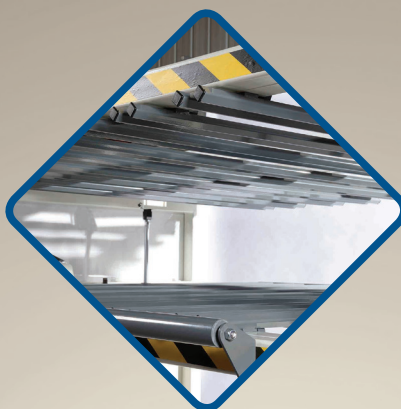


TECHNICAL SPECIFICATION

Control station



Increased opening for larger mattresses



POWERMAX-4

Heavy duty mattress tufting press

MORE FEATURES & OPTIONS

- ◆ Compresses all spring heights and wire diameters
- ◆ Suitable for futons
- ◆ Easily adjusted guide bars
- ◆ Machine pivots within its own area for safety
- ◆ Tufts products up to 450mm in depth

Specifications

Electrical

Air

Weight

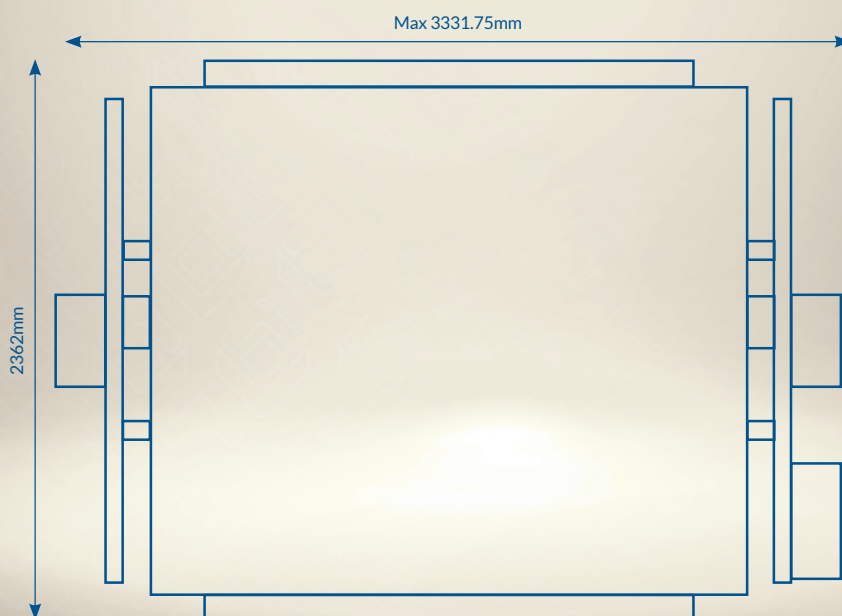
Electricals

Not required

9 bar pressure

1600kg

*FOOT PLATE DIMENSIONS



**May change due to machine options and variations*

Divisions of MPT Group Limited: FANGHANEL MATRAMATIC INFINITY SLEEP SUPPORT SYSTEM



w: mptgroup.com

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



KEY FEATURES

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

RD-2 UNBALER

Spring unit unbalancing machine

The RD-2 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.



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION

Correct entry height



Discharge table



RD-2 UNBALER

Spring unit unbaling machine

MORE FEATURES & OPTIONS

- ◆ Eliminates roll pack explosion
- ◆ Reduces operating floor space
- ◆ Spring unit damage eliminated
- ◆ Foot and control panel operation

Specifications

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

Voltage & Air

Air consumption per minute: 80psi

Voltage: 230/240 volts

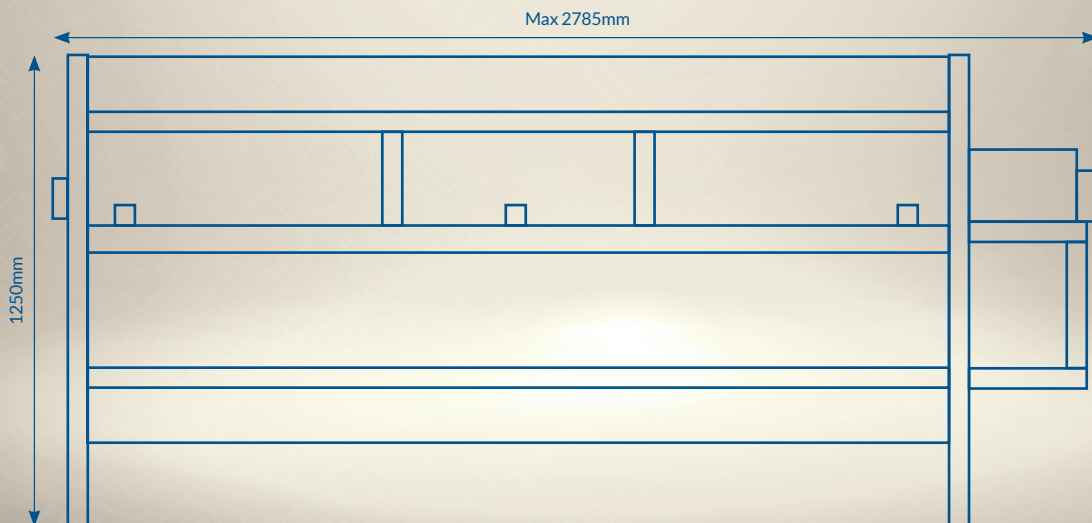
-

-

-

-

*FOOT PLATE DIMENSIONS



**May change due to machine options and variations*

Divisions of MPT Group Limited: FANGHANEL MATRAMATIC INFINITY SLEEP SUPPORT SYSTEM



w: mptgroup.com

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



KEY FEATURES

- ◆ PLC controlled
- ◆ AC variable speed
- ◆ Ergonomically correct entry height
- ◆ Finished pack ejection system
- ◆ Metric construction
- ◆ Working width - up to 2.3m
- ◆ Works with both paper and reusable polypropylene materials
- ◆ Emergency stops

RP-2 SPRING BALER

Spring unit roll pack baling system

The Helix RP-2 Spring Unit Roll Pack Baling 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.



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION

Pack ejection



Discharge table



RP-2 SPRING BALER

Spring unit roll pack baling system

MORE FEATURES & OPTIONS

- ◆ Suitable for pockets, Bonnell, LFK, offset and continuous wire units
- ◆ Optional fork lift truck stillage
- ◆ Optional multiple paper holding tray

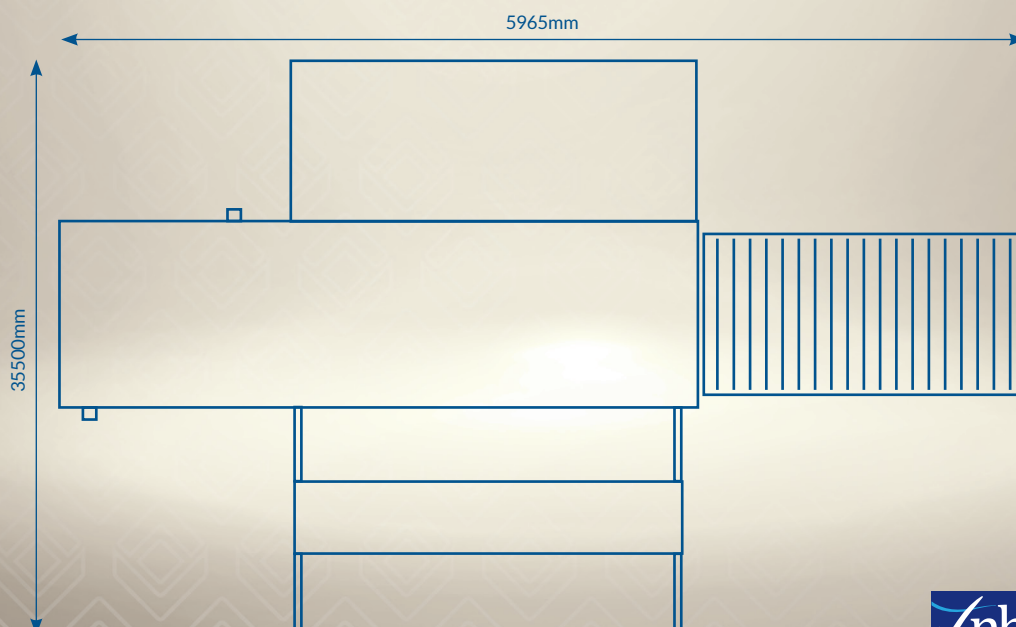
Specifications

- 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 minute: 80psi
- Voltage: 3 phase / 415 volts / 50 hertz
-
-
-
-
-

*FOOT PLATE DIMENSIONS



**May change due to machine options and variations*

Divisions of MPT Group Limited: FANGHANEL MATRAMATIC INFINITY SLEEP SUPPORT SYSTEM



w: mptgroup.com

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



KEY FEATURES

- ◆ High loft capability for foam and fibre
- ◆ Quick release for fast adjustments of sewing widths
- ◆ Material run-out sensors
- ◆ Waste disposal
- ◆ Full variable speed
- ◆ Powered rewind
- ◆ Various machine widths available, standard machine offers a maximum finished width of 320mm

SERGEMASTER

High speed in-line double border serging system

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



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION

SERGEMASTER
 High speed mattress border serging system

Control panel



Waste removal



Finished border



Specifications

Needle type: B27

Maximum material weight: 500g

Minimum and maximum widths: 200mm min, 300mm max

Thread type: 75's polyester

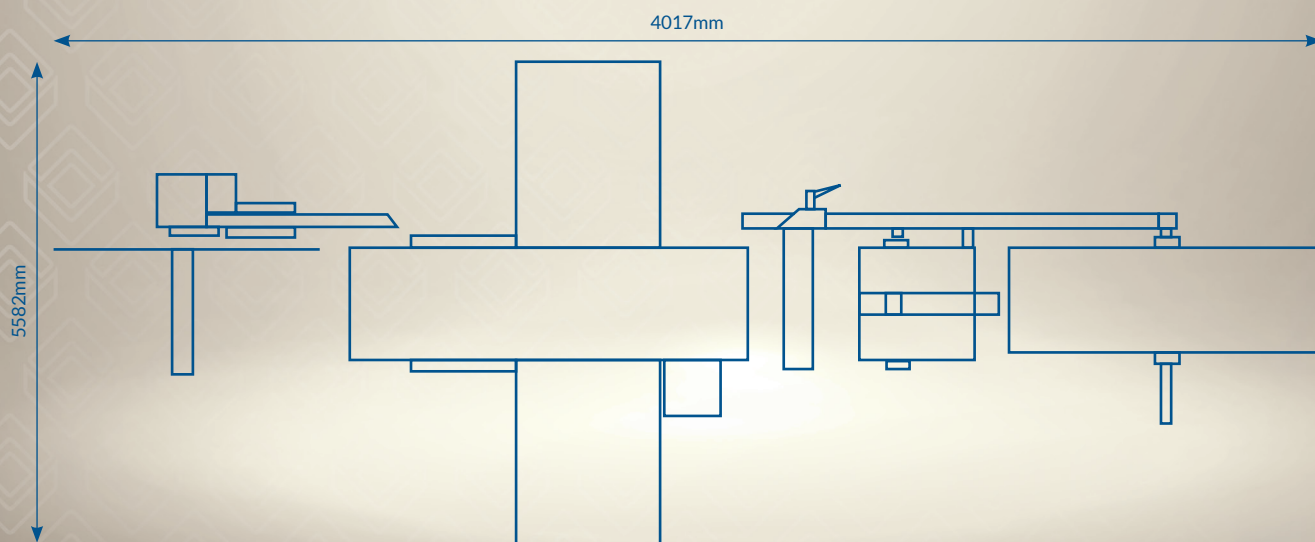
Stitches per minute: 5000

Minimum and maximum stitch lengths: no min, 5mm max

Self lubricating heads

Three thread

*FOOT PLATE DIMENSIONS



**May change due to machine options and variations*

Divisions of MPT Group Limited: FANGHANEL MATRAMATIC INFINITY SLEEP SUPPORT SYSTEM



w: mptgroup.com

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



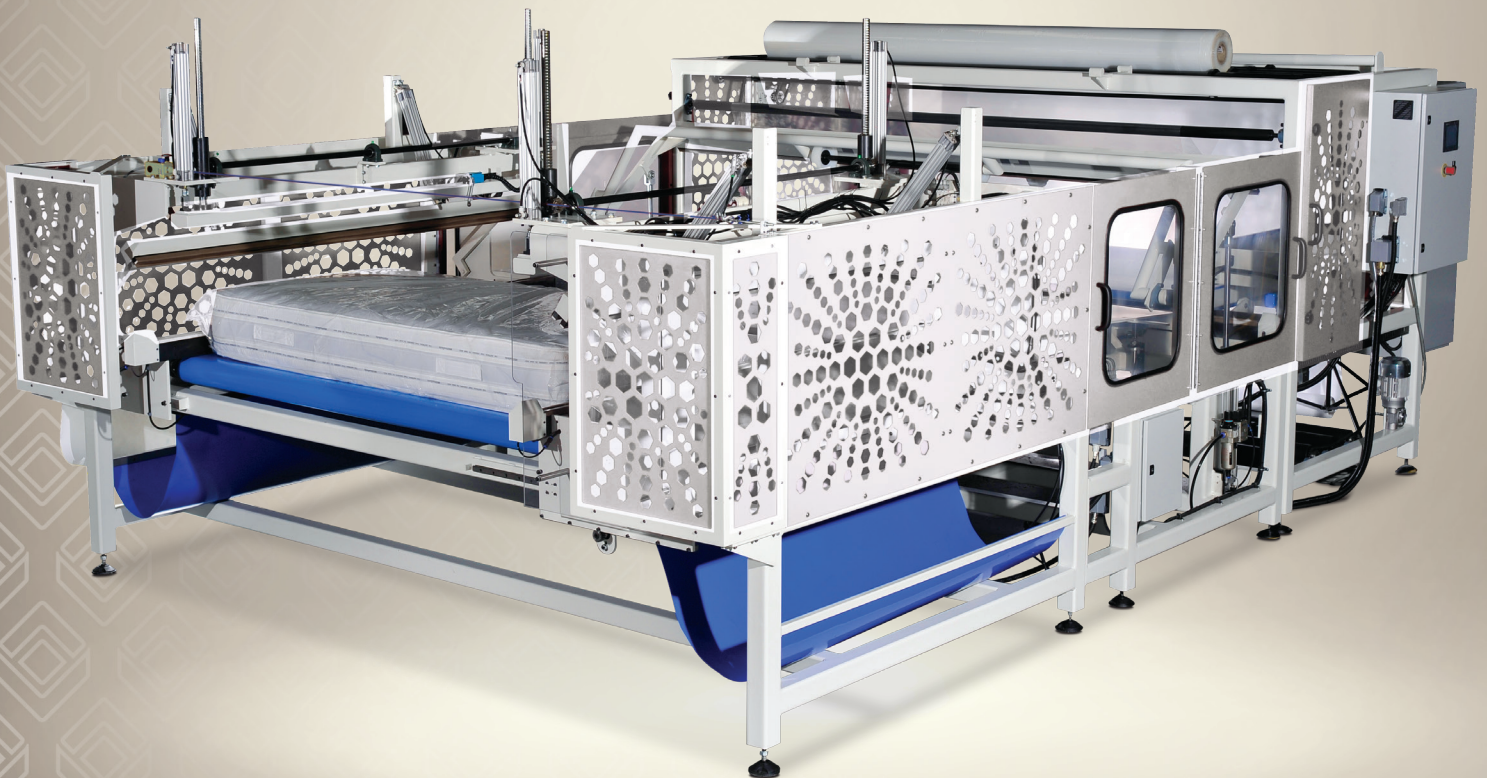
SWIFTWRAP

Automatic mattress wrapper

SwiftWrap is a fully-automated, high-speed mattress wrapping system which is capable of wrapping up to three mattresses per minute! With its impressive speeds, SwiftWrap can meet the requirements of even the most demanding mattress producers. SwiftWrap can be integrated into modular conveyor systems, thanks to automated product sizing and centralising. SwiftWrap incorporates side compression which ensures that every mattress is wrapped tightly with no excess film.

KEY FEATURES

- ◆ High-speed wrapping: up to three mattresses per minute
- ◆ Automatic product sizing and centralising
- ◆ Options: Boot system, stacking unit and crane for film loading
- ◆ Waste collection
- ◆ Automatic temperature-controlled sealing



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION

SWIFTWRAP
 Automatic mattress wrapper

Waste removal



Sealing and compression bars

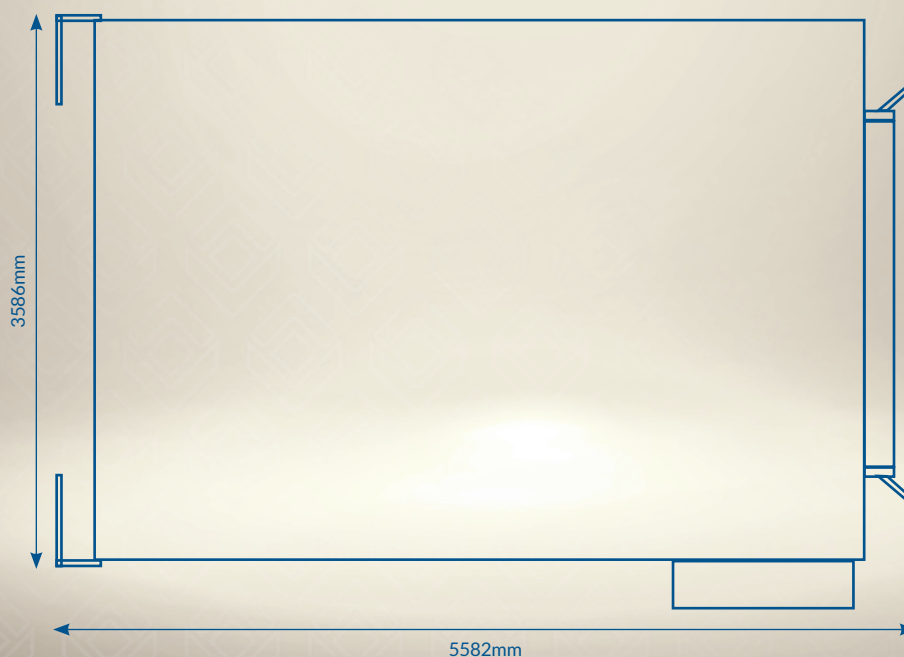


Conveyorised in-feed



Top Film	Boot Film	Max Height Under Pressure Roller	Electrical Specifications	Air Specifications
Maximum diameter of 305mm	Maximum Diameter of 305mm	Maximum height - 510mm	Voltage - 415 volts / 3 phase + neutral	Air pressure - 6 / 7 bar
Maximum weight of film - 150kg	Width of Boot Film - 380mm	-	Amps - 32A	Air consumption - 50-CFM
Maximum width top & bottom 120"/3050mm	Roll capacity top and bottom four	-	-	-

*FOOT PLATE DIMENSIONS



**May change due to machine options and variations*

Divisions of MPT Group Limited: FANGHANEL MATRAMATIC INFINITY SLEEP SUPPORT SYSTEM



w: mptgroup.com

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



VERSO-QUILT

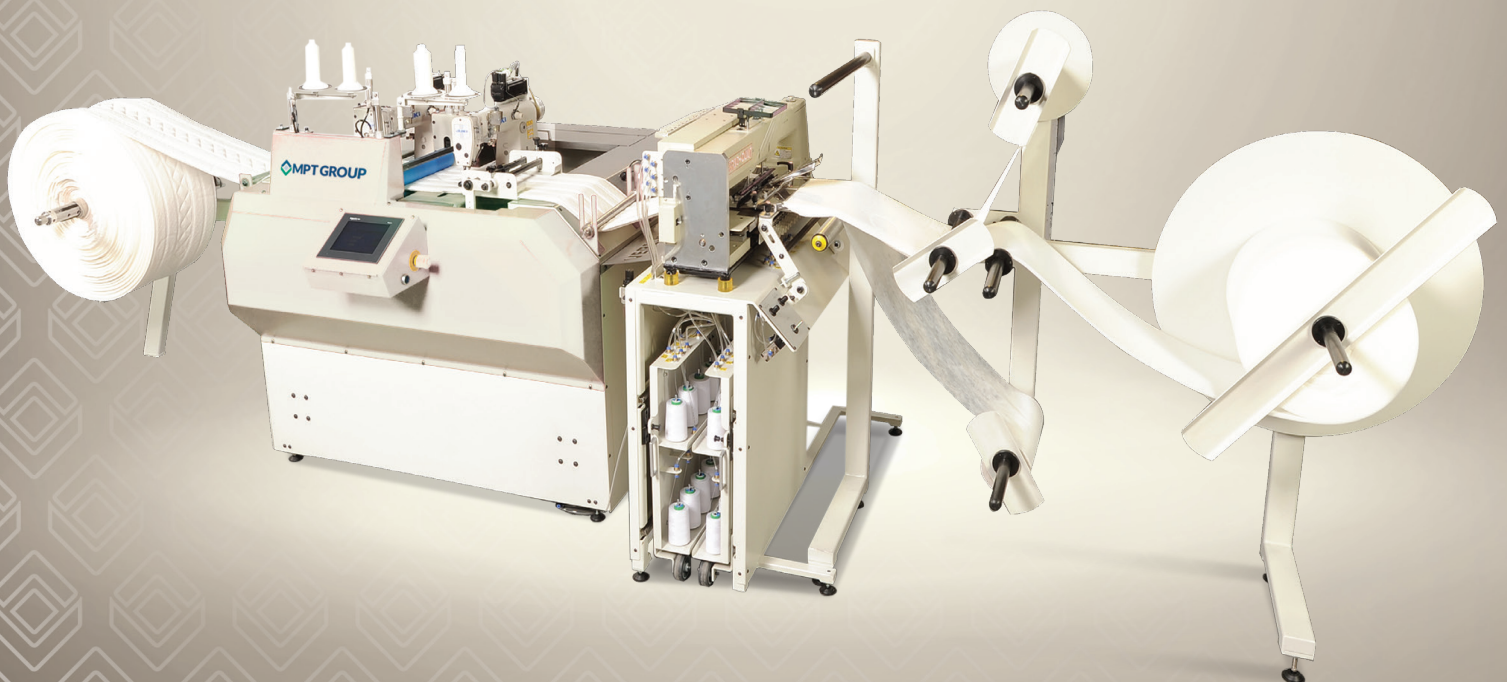
Multi-functional 3D border quilting machine

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.

KEY FEATURES

- ◆ Multiple head sewing technology
- ◆ Full servo control
- ◆ Large pattern range
- ◆ Chain stitch sewing technology
- ◆ Touch screen control with on-screen pattern adjustment

Various quilting options

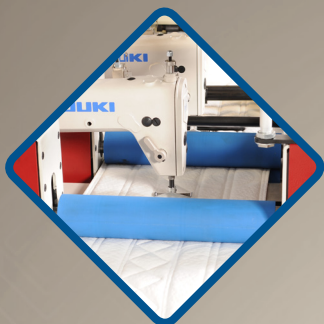


For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION

Twin head sewing capability



Integrated multi-needle sewing head



Touch screen



VERSO-QUILT

High speed multi head border quilt machine

MORE FEATURES & OPTIONS

- ◆ Multi-needle sewing head for increased pattern options and
- ◆ 3D spacer or tape effects
- ◆ Auto-hemming
- ◆ Automatic border measure and cut system
- ◆ Voltage options: 415v - 3 phase + neutral

Standard Machine Feature

Multiple head sewing technology

Large pattern range

Chain stitch sewing technology

Touch screen control with on-screen pattern adjustment

Technical Data

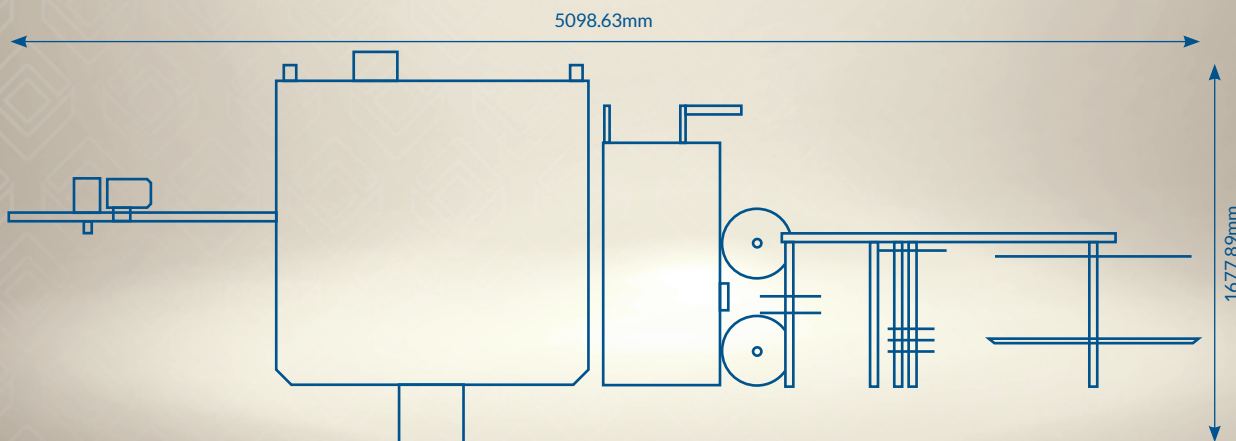
Maximum material width:
14" (355mm)

Maximum finished quilting width:
13" (330mm)

Stitch length range: 1mm - 4mm

Air requirement: 4 bar / 8psi

*FOOT PLATE DIMENSIONS



**May change due to machine options and variations*

Divisions of MPT Group Limited: FANGHANEL MATRAMATIC INFINITY SLEEP SUPPORT SYSTEM



w: mptgroup.com

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



KEY FEATURES

- ◆ Cushion top
- ◆ Box border effect when combined with a vertical border machine
- ◆ Imitation pillow top
- ◆ Double Euro top
- ◆ Ventilation fabric insertion and tape sewing

EUROMAX PLUS

Multi-functional 3D border quilting machine

The Euromax Plus machine is designed to offer a varied range of border effects using 3D spacer fabrics and 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. Available in 152mm or 330mm sewing head options.

Pattern effects



Model shown 330mm sewing head

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION



EUROMAX PLUS

Multi-functional 3D border quilting machine

MORE FEATURES & OPTIONS

- ◆ Multi-needle sewing head for increased pattern options and 3D spacer or tape effects
- ◆ Auto-hemming (13" only)
- ◆ Automatic border measure and cut system (optional)
- ◆ TWO machine options available 6" and 13"

Standard Machine Features

Maximum stitches per minute: 2000

Maximum material thickness 300g or 10mm foam

Output capacity: 5m per minute

High speed chain stitch sewing head

New luxury border and divan effect

Variable speed control

Technical Data

Maximum sewing width: two machine options available with sewing area of 152mm or 330mm with Euromax Plus

Maximum material width 330mm with Euromax and 482mm with Euromax Plus

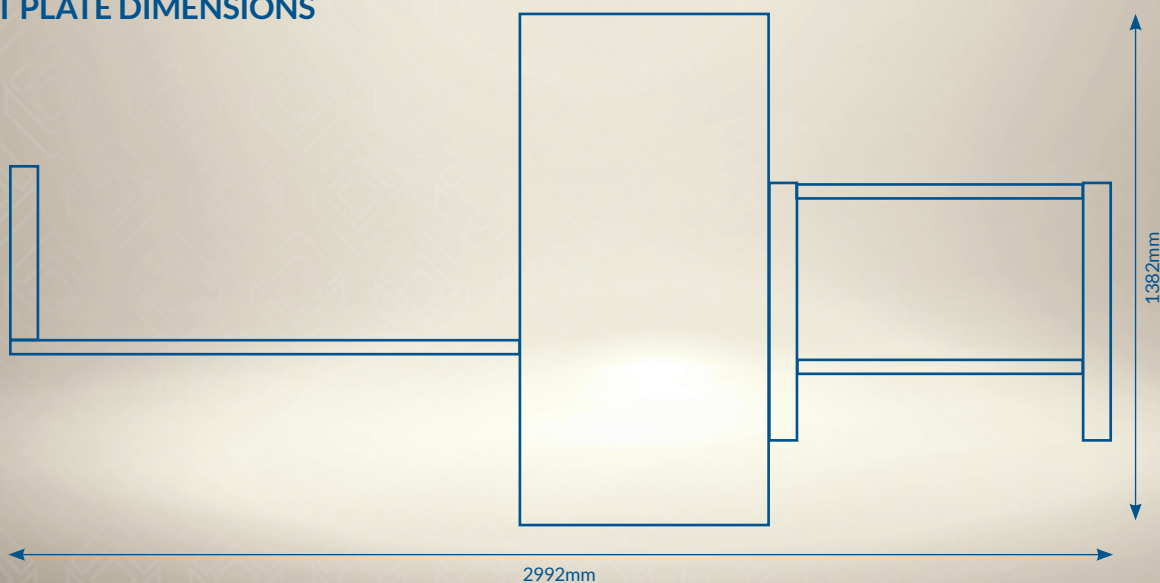
Stitch length range: 1mm - 6mm

Voltage options: 415v - 3 phase + neutral

Air requirement: 4 bar / 80 psi

-

*FOOT PLATE DIMENSIONS



**May change due to machine options and variations*

Divisions of MPT Group Limited: FANGHANEL MATRAMATIC INFINITY SLEEP SUPPORT SYSTEM



w: mptgroup.com

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



AUTOTUFT

Automatic mattress tufting system

The Autotuft is a fully automated mattress tufting system and capable of tufting in excess of 200 mattresses per 8-hour shift. When integrated into a modular conveyor the Autotuft eliminates the need for material handling. With automatic product sizing and optional bar code reading for tuft configurations the Autotuft is a true automated solution. Autotuft is available with either standard felt washers or Pom-Pom washers for high-end tufted products.

Tufting components



Pom-Pom tuft detail



KEY FEATURES

- ◆ Fully automated tufting solution
- ◆ Suitable for both mattresses and futons
- ◆ Works with standard tufts and washers
- ◆ New Pom-Pom washers for high mattresses
- ◆ Eliminates material handling
- ◆ Automatic product sizing and pattern selection
- ◆ Barcode reading for tuft configuration



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



TECHNICAL SPECIFICATION



AUTOTUFT

Automatic mattress tufting system

MORE FEATURES & OPTIONS

- ◆ Fast changeover times between different tuft lengths
- ◆ Reduced material handling
- ◆ Impressive payback time on investment
- ◆ 200+ mattresses per 8-hour shift
- ◆ Eliminates RSI disorders
- ◆ Switchable between standard washers and Pom-Pom washers

Specifications

Machine speeds based on first to last tuft: 3ft in 85 seconds 4'6" - 5' in 105 seconds. Production environment data

Plc control using touch screen technology

Horizontal feed suitable for all spring types including pocket units, latex and futon mattresses

Helical avoidance system

Automatic product sizing *optional

Powered head exit facility (to ease threading and cleaning and minor sewing adjustments)

Continuous roll feed tufts and washers available in full range of sizes

5000 tufts per roll and 1900 washers per roll ensure continuous production of 80 - 100 mattresses without need for downtime

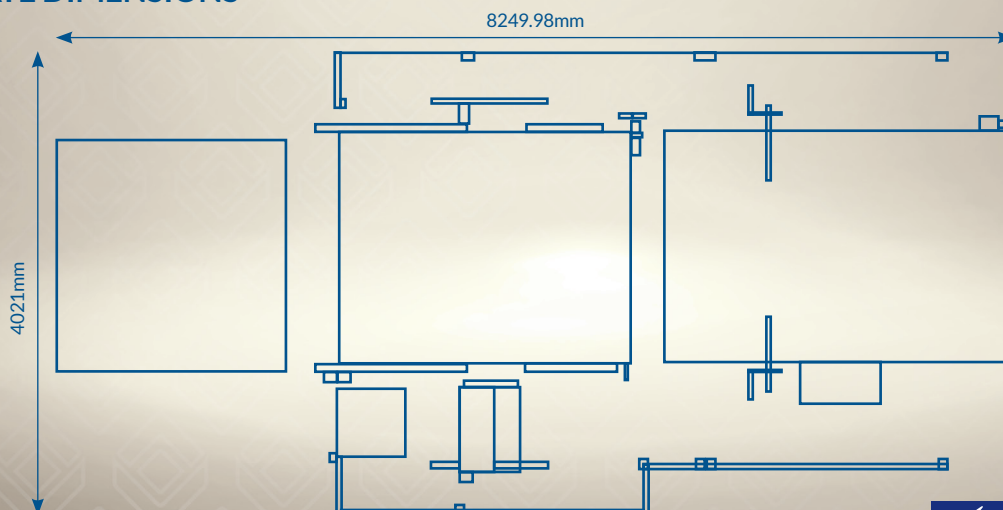
Caddie system for varying tuft lengths

Video monitoring system *optional

Auto stops for tuft and washer replenishment

Processes product sizes up to: width 2'6" - 7'0" and length up to 7' *standard machine. Other machine sizes available

*FOOT PLATE DIMENSIONS



**May change due to machine options and variations*

Divisions of MPT Group Limited: FANGHANEL MATRAMATIC INFINITY SLEEP SUPPORT SYSTEM



w: mptgroup.com

For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



KEY FEATURES

- ◆ 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

HL-8

Mattress flanging machine

The HL-8 is a high loft heavy duty flanging machine for the closing of quilted panels. The HL-8 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.



Heavy duty conversion sewing head



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



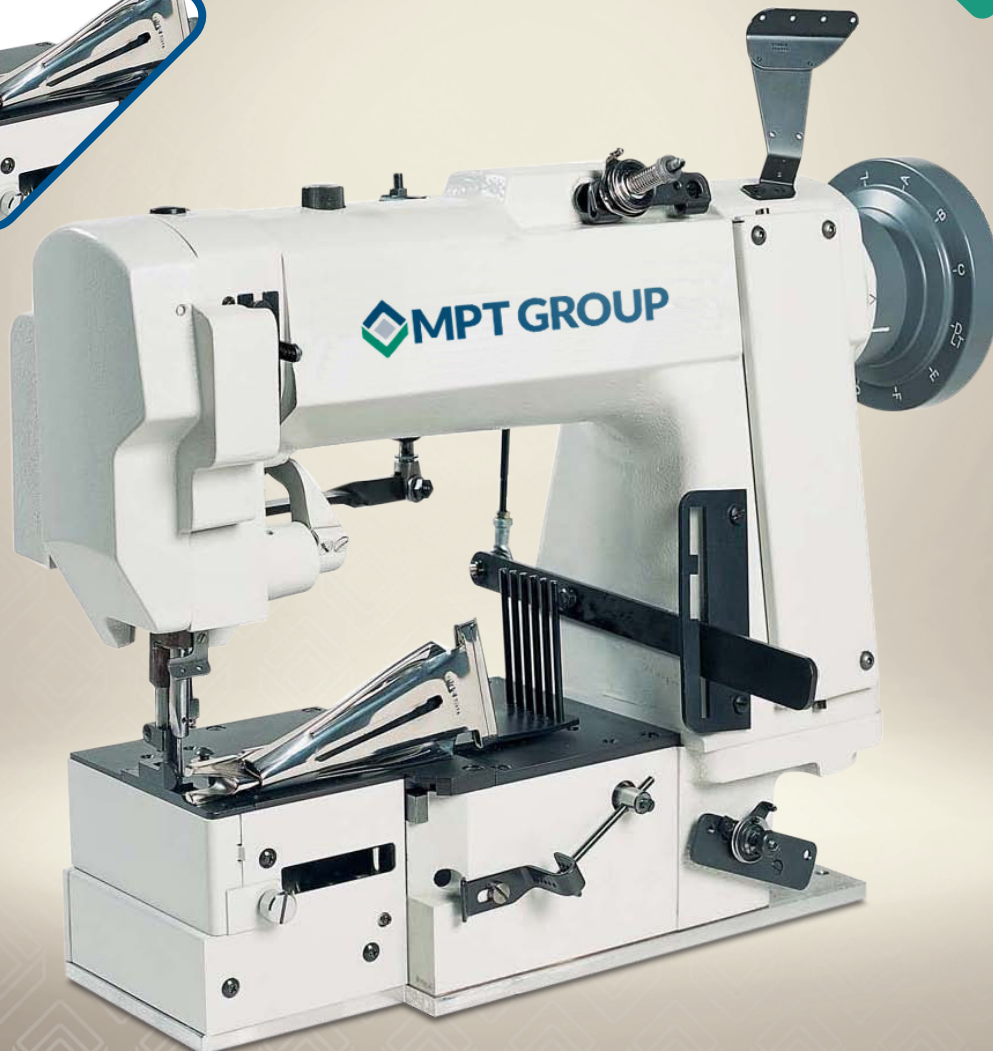
MPT-300U

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



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



PFH-50AS

Automatic handle attaching machine

The PFH-50AS is a semi-automatic handle attaching 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 changeover times between different ticking.

KEY FEATURES

- ◆ 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



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



ALS

Automatic label attaching system

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.

KEY FEATURES

- ◆ 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 maximum sewing area 250 x 160mm
- ◆ Larger machine 300 x 200mm
- ◆ Auto thread trimmer
- ◆ Fully programmable



For further information and sales
t: +44(0)1706 878558
e: sales@mptgroup.com



Newline Industrial Estate, Newline, Bacup, Lancashire, OL13 9RW.

w: mptgroup.com

Divisions of MPT Group Ltd: FANGHANEL • MATRAMATIC • INFINITY SLEEP SUPPORT SYSTEM