Extensions / Features

- Quick change system for ticking
- Modern operating and safety concept
- Modern touch control
- Thread break sensor for top and bottom threads
- Quick change system for needles and looper synte
- Automatic panel cutter

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MAMMUT VMK combines highest quality and safety

The most efficient multi-needle quilting machine in the world. When it comes to producing mattresses, the MAMMUT VMK sets the standard in the industry. Quickly and flexibly adjustable, no other machine will reach the same productivity level while providing the highest sewing quality and precision.

For demanding applications

- A patented needle and looper quick-change system makes it possible to change the needle plan within seconds.
- Infinitely adjustable pressure plate ensures the utmost in sewing precision even when changing from thick to thin sewing material and vice versa.
- The patented automatic sliding hook allows for the usage of thin needles, even at high sewing speeds.
- The controlled feeding system makes a fast and efficient change of the material rolls possible while keeping the tension in the material just right, even when dealing with 360 degree patterns.
- An integrated superfast upper thread cutter allows for the efficient production of individual patterns without excess thread on the upper side.

The illustration shows MAMMUT VMK 250 with optional equipment.

FURTHER INFORMATION

<table>
<thead>
<tr>
<th>ELECTRICAL DATA</th>
<th>MECHANICAL DATA</th>
<th>GENERAL MACHINE DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Phase/400 V</td>
<td>3,500 x 4,200 x 2,500 mm L x W x H</td>
<td>up to 1,500 stitches/minute</td>
</tr>
<tr>
<td>50–60 Hz</td>
<td>Weight approx. 7,300 kg</td>
<td>max. material width 2,600 mm</td>
</tr>
<tr>
<td>7.5 kW</td>
<td>Compressed air 6 bar</td>
<td>max. distance of outer needles 2,400 mm</td>
</tr>
<tr>
<td></td>
<td>Air consumption 200 l/min</td>
<td>min. needle distance 25 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 needle rows, distance 75 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stitch length 2–8 mm</td>
</tr>
</tbody>
</table>

Double-Chainstitch
- Extremely precise sewing on account of an optimized stitching formation in all directions.

Durability
- Robustly designed, extremely durable, and ready to be used during intense three-shift factory production.

Flexibility
- Reduced setup times due to an optimized ability to change patterns, sewing materials or needle plans.

Innovation
- The sewing and drive system is made of extremely durable and ultralight materials and is a real technological trendsetter in the industry.

Productivity
- High output quantity coupled with a low level of machine downtime.

Serviceability
- Easy to handle: all operating positions are easily accessible.

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