

Nexus Series

Ultimate sewing solutions
for mattress tape edge.



The base machine for every mattress producer.

Veysel Kutuklu Mattress Machinery has developed the Nexus Series, with the aspiration to provide robust and high speed mattress tape edge machines that can serve for many years mattress producer.

The Nexus machines are designed to make easily the sewing process on the tape edge of all kinds of mattresses thanks to their great flexibility. This machines are built to achieve highest productivity with an ergonomic and highly efficient tape edge operation.



Nexus Series

Highlights of Nexus 3500



The Nexus 3500 is designed to achieve highest productivity with an ergonomic and highly efficient tape edge operation. The motorized conveyor belt, the mattress flipping system, the automatic sewing head adjustment, slowdown in the corners and easy height and speed adjustments ensures the best experience for the sewing process of tape edge for any type of mattress.

The Nexus 3500 achieves a lean and ergonomic machine structure because of the usage of highest quality materials in every detail.

Highlights

Independent Working Conveyor Belts

- + The two independent working conveyor belts allowing the continuous sewing process
- + The conveyor belts and sewing machine are working synchronized to each other to adjust the sewing speed in the easiest way

Simple Mattress Flipping Without Intervention

- + The mattresses are getting flipped in the easiest way with mattress flipping arm
- + Automatic mattress flipping eliminates operator handling

Intelligent Needle Cooling System

- + The intelligent cooling system ensures the air-cooling of the needle during the sewing process

User-Friendly Touchscreen Display

- + The user-friendly touchscreen display allows an easy handling for the operator

More Flexible In The Corners

- + Simple sewing process in the corners of the mattress with the automatic position adjustment of the sewing machine
- + Automatic slowdown during the sewing process of the corners

Perfect Sewing Operation On Any Kind Of Mattresses

- + Flexible design allows high productivity even for heavy mattresses

Nexus Series

Highlights of Nexus A 100



The Nexus A100 provides a flexible and lean design for an ergonomic and easy tape edge operation. This machine is built to speed up the sewing process of the mattress tape edge. Easy handling, automatic slowdown in the corners and easy table height adjustments are ensuring the best experience for the sewing process of tape edge of mattresses.

The Nexus A100 achieves a robust design because of the usage of highest quality materials in every detail.

Highlights

Simple sewing process during rotating around the mattress

- + Carrying the operator during the sewing operation

More flexible in the corners

- + Automatic slowdown during the sewing process of the corners

Easy handling with foot pedals

- + Three foot pedals allows an easy operation for the operator

Adjustable table height

- + The height of the table is easily adjustable with a lifting arm

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Technical Data

	Nexus A100	Nexus 3500
Machine Type	Table Type	Conveyor Type
Total Production Capacity	120 mattresses/8 hours	250 mattresses/8 hours
Mattress Height	50 mm - 350 mm	50 mm - 500 mm
Mattress Size	min 60x120 cm max 200x210 cm	min 60x120 cm max 200x210 cm
Sewing Speed	3.000 rpm	3.500 rpm
Needle Size	180/24	180/24
Air Requirement	-	6 bar, 90 p.s.i..
Power Consumption	approx. 2,4 kW	approx. 3,5 kW
Power Requirements	Three Phase 380V Frequency: 50-60 Hz, Input Fuse: 63 A Cable: 4 x 2,5 mm ²	Three Phase 380V Frequency: 50-60 Hz, Input Fuse: 63 A Cable: 4 x 4 mm ²
Working Temperature	0° C - 40° C	0° C - 40° C
Weight	850 kg	1.350kg
Sewing Machine Options	Pfaff 335 G / Ctec 300UB5	Pfaff 5625 / Ctec 300UB5
Machine Dimensions (LxWxH)	285 x 145 x 190 cm	400 x 300 x 180 cm

