

*A specialist with double electronics for superb-quality mattress cover fabrics*

# OVJA 1.6 EE

our performance for your profit



- ✓ **Unlimited jacquard structures on both sides**
- ✓ **Only one control sinker per needle**
- ✓ **Proven and reliable electromagnetic single needle selection**
- ✓ **Electronic needle door**
- ✓ **Upgrade kit for increased performance**

## **Application:**

The OVJA 1.6 EE is a double jersey jacquard machine with electronic needle selection in the cylinder and dial producing both double-knitted fabric with a lay-in thread and spacer fabric.

The OVJA 1.6 EE features individual needle selection in the cylinder and dial. Both areas are temperature-controlled and can be heated or cooled as required.

A further highlight of this jacquard machine in combination with Mayer's design software MDS 1 is that the cylinder-side floats on the reverse of the fabric are integrated automatically.

The OVJA 1.6 EE is used for making mattress covers, bedspreads and cushion cover fabrics.

With acquisition of a OVJA 1.6 EE machine you also acquire the permission to use patents EP 1 975 294 B1 and US 7,536,879 B2 to produce a special mattress cover.



Equipped with **GROZ-BECKERT®**

The most important facts for you at a glance:

Our feature	Your advantage	Your benefit	Photo/graphic
Reversible pattern options thanks to electromagnetic single needle selection in the cylinder and dial	Clear design contours on the front of the fabric Dark pattern colours do not shine through in light relief areas	First-rate fabric quality	
Position of electronic needle door can be selected freely	Safe and simple change of knitting elements No production losses	Time saving and reduction in costs Higher profit	
Long tried and trusted electromagnetic single needle selection	Maintenance-free	Low operating costs	
Combined solution: Only one control sinker per needle required Short control sinker and low cylinder design	Reduced spare parts stock Less friction Lower needle oil consumption	Low operating costs Reduced energy consumption	

Technical data

Cylinder diameter:	30 - 48
Machine gauges:	18 - 20
No. of feeders:	48 feeders at 30"
Speed up to:	22 rpm at 30" SF 660

Production example (unfinished)

<b>Structure:</b> Pattern no: 93002 Mattress	<b>Efficiency rate:</b> 85,00%	<b>Gauge:</b> 20	<b>Weight:</b> 440 g/m <sup>2</sup>
<b>Diameter"</b> 38"	<b>rpm</b> 14*	<b>Production m/h</b> 8.93	<b>Production kg/h</b> 9.82
<b>Structure:</b> Pattern no: 93014 Spacer (hole imitation)	<b>Efficiency rate:</b> 85,00%	<b>Gauge:</b> 20	<b>Weight:</b> 330 g/m <sup>2</sup>
<b>Diameter"</b> 38"	<b>rpm</b> 13*	<b>Production m/h</b> 7.65	<b>Production kg/h</b> 6.21

\*up to 20 percent increase with high performance kit



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