

Flexibility and productivity - optimally combined to produce mattress covers

# OVJA 1.6 EM HS

our performance for your profit



✓ **nearly unlimited variety in design and fabric weight**

✓ **unique low tension lay in feeding system**

✓ **new high-speed electromagnetic single needle selection**

✓ **speed factor = up to 1140**  
(1140 = 30 rpm at 38")

## Application:

The OVJA 1.6 EM HS is a double-knit jacquard machine with electronic needle selection in the cylinder and double-layer fabric with lay-in thread.

With the new high-speed needle selection the machine's output is 25% higher than that of its predecessor – while retaining full flexibility respecting the design.

This model is optimally deployed in the manufacture of mattress cover fabrics, bedspread and cushion cover fabrics and fashion outerwear.

The OVJA 1.6 EM HS provides the ideal combination of flexibility and productivity.



Equipped with **GROZ-BECKERT®**

The most important facts for you at a glance:

Our feature	Your advantage	Your benefit	Photo/graphic
New high-speed single needle selection with optimized needle curve	Nearly unlimited variety in design and fabric weight Maximum fabric output	Highest utilization of your investment More profit	
Unique low tension lay in feeding system	Less needle wearing = longer needle service life Less yarn breakage	Low operating costs First-rate fabric quality	
Diagonal stitch cam adjustment	Perfect yarn carrier position Precise needle butt crossover between cams	Less down time = higher utilization Reliable fabric quality More profit	
Combined solution: One control sinker per needle Short control sinker and low cylinder design	Reduced spare part stock Less friction Lower needle oil consumption	Low operating costs & Reduced energy consumption	

Technical Data

Cylinder diameter:	38, 42
Machine gauges:	18, 20
No. of feeders:	60 feeders at 38"
Speed up to:	1,5 m/s (30 rpm at 38") SF 1140

Production example (unfinished)

Diameter	R.P.M.	Production m/h	Production kg/h
38	30	45,9	19,8
Structure: Mattress - 96345 VL		Efficiency rate: 85,00 %	Gauge: 20 Weight: 170 g/m <sup>2</sup>
38	30	38,3	25,4
Structure: Mattress - 96176 VL		Efficiency rate: 85,00 %	Gauge: 20 Weight: 255 g/m <sup>2</sup>



Subject to design changes in the interest of technical progress. Illustrations may depict accessories which are not included in the standard machine equipment.