

# BedTimes

| The Business Journal for the Sleep Products Industry **May 2014**

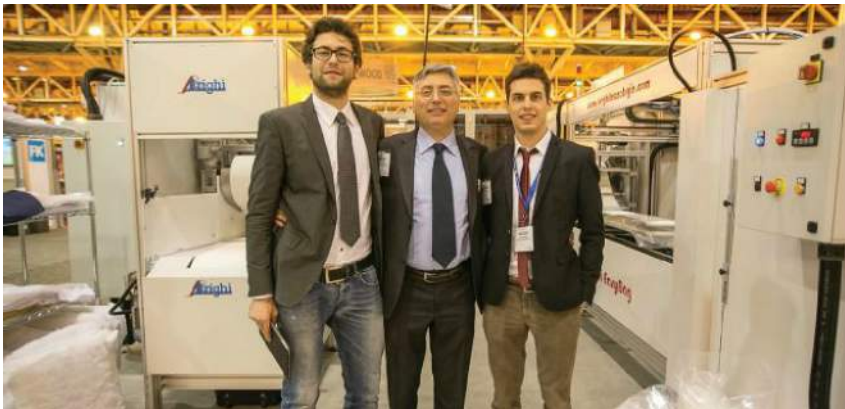
WRAPPING UP  
**ISPA**  
EXPO  
**2014**

Luke Williams delivers  
'disruptive' keynote

Gold Bond celebrates 115  
years of craftsmanship

Technology is changing  
the mattress business





**Top left:** CEO Alberto Landoni of multineedle quilting machine supplier Meca Srl says the new Inventio quilter has many unique capabilities.

**Top right:** Michael Porter Jr. (left) and brother Sam Porter of metal machine parts supplier Jumpsource introduce the company's tape-edge machine.

**Bottom left:** Assistant Manager Alessio Brighi, General Manager Gabriele Brighi, and Purchasing & Logistics Manager Matteo Brighi show off Brighi's pillow manufacturing machine.

**Bottom right:** BeA Fasteners introduced fastening tools with automated options.

comfort layers. Buckling gel is said to provide pressure relief and improve airflow. The unique design uses hollow columns constructed of pure gel that buckle as weight is applied, redistributing the load to surrounding columns and relieving pressure points.

"There is a very crowded space with gel, and people are hungry for something unique," said Segment Vice President of Marketing Mark Quinn.

## Machinery on the main stage

Mattress manufacturing machinery is always the centerpiece of ISPA EXPO, and this show was no different. In addition to myriad new machines and machinery updates from the industry's two major players, **Atlanta Attachment** and **Leggett & Platt Global Systems Group**, smaller exhibitors had plenty to share with show-goers.

At **Atlanta Attachment**, several machines were designed specifically for smaller manufacturers who often need more versatility.

"More and more, what our customer is looking for is flexibility," said Warren Oxley, a design engineer for the Lawrenceville, Ga.-based company.

As usual, Atlanta Attachment showcased many new machines at EXPO—15 in all, including new laminating and packaging machines, as well as new and updated border equipment.

An impressive laminating and packaging machine

from the company's new partnership with C3 rolls a thin layer of adhesive onto the foam for even distribution and no saturation in any one area, which Oxley said saves on the cost of adhesives and also means the adhesive dries very quickly. The machine also compresses the mattress side-to-side without losing its integrity for easy packaging.

The company also showcased the 4500 border quilter, which features a 65-needle mini quilter for straight-line sewing, as well as two moving chain-stitch machines. The machine offers so many features that Oxley called it "the Cadillac of border quilters."

**Leggett & Platt**, too, had an impressive display of 12 to 14 new machines at EXPO through its GSG division. Much of the new and updated equipment addressed the needs of foam bed manufacturing—from applying FR socks to adhesive application.

For example, the GMS 1050 stuffs heavy foam cores into FR socks and can be used with the GBC 1000C closer, which features a more consistent seal to satisfy FR requirements.

The GB-1 Glue Bridge multi-head, water-based adhesive system isn't new, but the Gluebot robotic glue system from Gribetz is. And the company's Paragon M+ High-Speed Multi-Needle Chainstitch Quilting machine got an upgrade called Wildstitch. It makes the super-fast quilter even faster.

And a new money-saving option on the Merello ME

105 mattress auto-packaging system automatically detects the product height and adjusts the seal-bar position for a better fit.

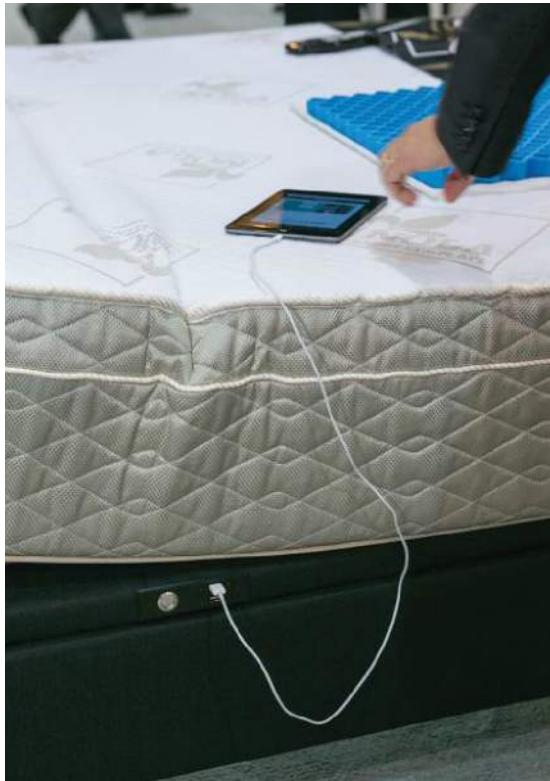
New exhibitor **Meca Srl**, a 50-year-old maker of multineedle quilting machines, based in Busto-Cassano, Italy, introduced the versatile, double chain-stitch quilter Inventio.

“This is the world premier of a new generation of quilting machine,” said Alberto Landoni, Meca chief executive officer. “It’s not better—it’s new and doesn’t exist anywhere else.”

Inventio features the ability to work directly from material rolls to sew up to 13 borders in seven different border patterns at once—and to finish each border or panel edge, eliminating the overlock operation for borders and quilt-tops. The multineedle quilting machine also is capable of producing unique quilt patterns that can combine unusual quilt designs, including mixing straight lines with traditional quilt patterns.

The super-fast machine can produce up to 33,000 feet of finished border in a single shift and works with any fabric or pattern, Landoni added.

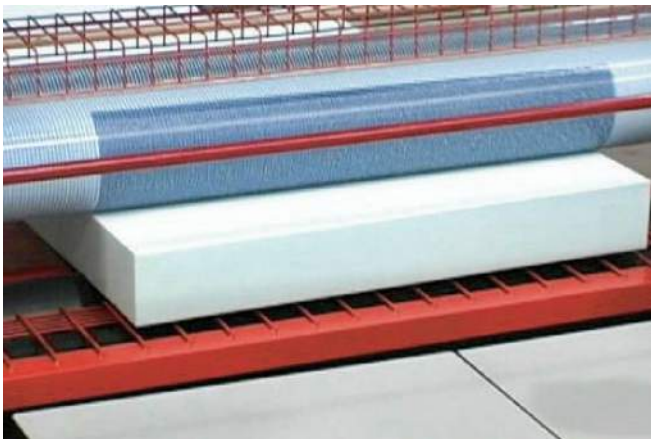
After-market machine parts supplier **Jumpsourc**e, with dual headquarters in Beverly, Mass., and Shang-



**Left:** Leggett & Platt showed its Custom Choice adjustable bed collection, which includes options for iPhone or iPad control, USB ports and underbed lighting.

**COMING IN JULY**

The July issue of Bed-Times will feature an in-depth cover story on the latest developments in the machinery world. Stay tuned for even more news on the machines that made their debut at ISPA EXPO 2014.



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