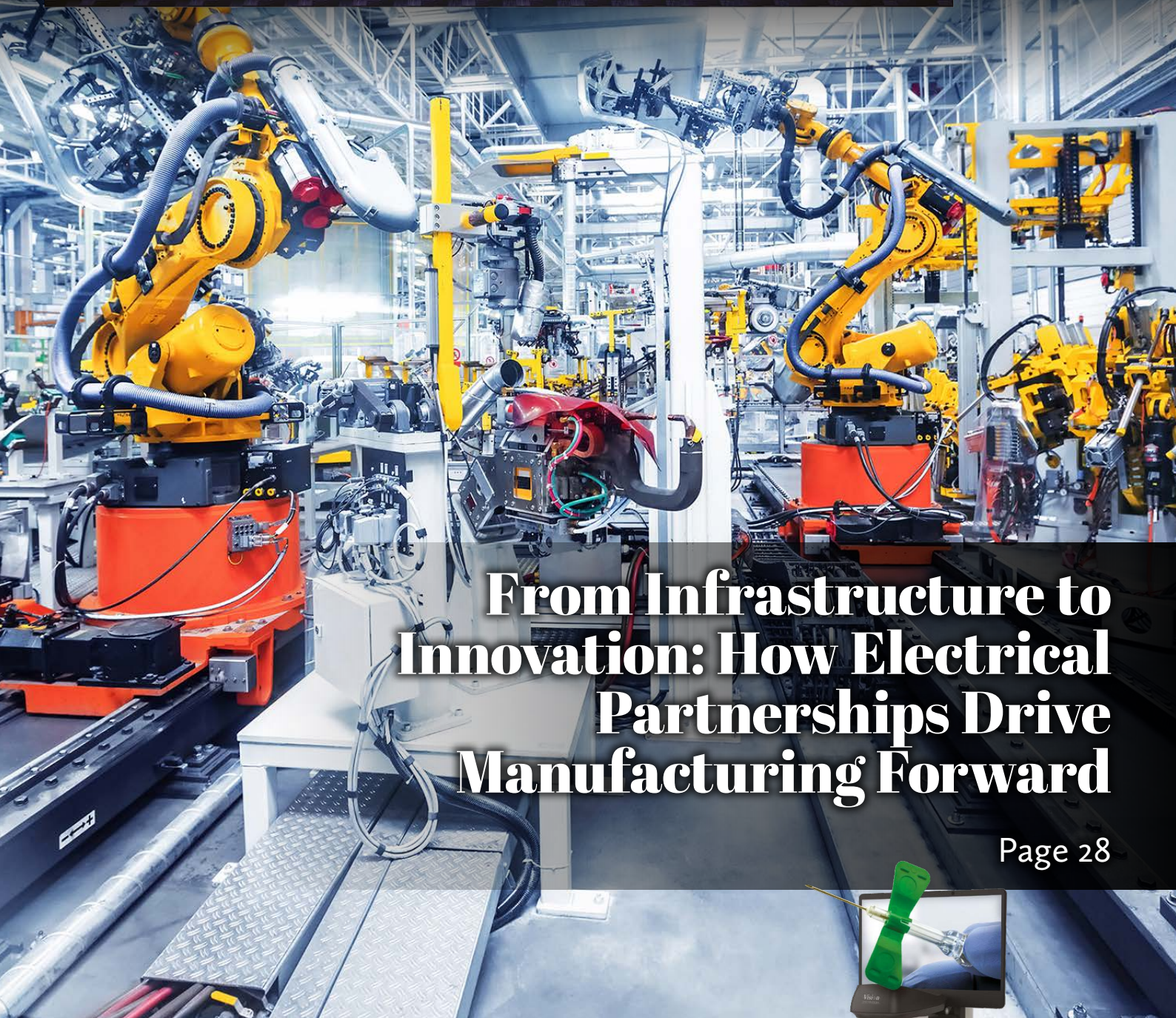


M&MT

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Materials & Manufacturing Technologies



From Infrastructure to Innovation: How Electrical Partnerships Drive Manufacturing Forward

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Machining

- Hitting the target
- Joined up thinking

Metrology

- Blades of glory
- Redefining design and inspection workflow



Driving innovation in automotive and aerospace industries



that meet rising demands for precision, speed, and efficiency.

The company also holds AS9100:D certification, underlining its commitment to quality and continuous improvement.

Meeting rising demand with greater in-house capacity

As customer demand increased, particularly from luxury automotive and aerospace clients, Envisage recognised the need to boost its machining capability. Reducing lead times, minimising reliance on external suppliers, and achieving exacting standards on materials such as aluminium, resin, and composites became strategic priorities.

The solution: two Belotti SKY CNC machining centres

To expand capacity, Envisage invested in two new Belotti 5-axis machines – a Belotti SKY 2617 and a Belotti SKY 3630 – now operational at its Herald Way machining centre in Coventry. These machines enhance productivity, reduce costs, and ensure precision across a wide range of projects, from aerospace

aluminium parts to full-scale vehicle mock-ups.

The Belotti SKY series is engineered for high-speed, high-precision machining of composites, resins, and aluminium. With compact, monolithic steel structures, large working envelopes, and advanced safety systems, the Belotti SKY 2617 and Belotti SKY 3630 CNC centres allow Envisage to handle both small intricate parts and larger, complex components with ease.

Key features include:

- 5-axis milling heads for flexibility and accuracy
- Robust steel structures and tables for stability
- Automatic tool changers with up to 24 positions
- Cooling, dust extraction, and vision systems for safety and efficiency.

Tangible benefits: autonomy, precision, and flexibility

The installation of the Belotti SKY 5-axis machines has enabled Envisage to:

- Expand in-house capabilities and reduce outsourcing
- Increase throughput while maintaining quality
- Deliver both prototypes and small-series production with greater flexibility
- Strengthen competitiveness in demanding markets.

By partnering with Belotti, Envisage reinforces its mission to merge creativity with manufacturing excellence, ensuring clients receive innovative solutions with uncompromising quality.

www.belotti.com

www.cannonshelley.com

Headquartered in Coventry, at the heart of the UK automotive industry, Envisage Group has earned a global reputation for engineering, design, and prototype manufacturing. Its portfolio spans luxury automotive brands, aerospace, and niche mobility projects, where creativity and technical expertise combine to deliver high-quality, bespoke solutions.

Growth has been fuelled by supporting OEMs and tier-one suppliers across the product development cycle, from concept to full-scale prototypes. To sustain this, Envisage continues to invest in advanced technologies

Advanced Engineering 2025

Belotti SpA will showcase components from the automotive and aerospace sectors at Advanced Engineering 2025, October 29–30, at the NEC in Birmingham, Hall 3A Stand W130.

Together with Cannon Shelley, its official distributor for the UK market, Belotti will present a portfolio ranging

from CNC centres to hybrid solutions like Belotti BEAD – combining 3D printing (LFAM) with CNC milling for thermoplastics – as well as automation systems such as Belotti ARC – Automatic Riveting Cell, a robotic cell for rapid, automated rivet and insert applications on composite frames and components.



BEHIND THE BEST. AHEAD IN TECHNOLOGY



**BELOTTI TECHNOLOGIES ARE THE UNSEEN FORCE
BEHIND VISIBLE PERFORMANCE**

From CNC machining centers and robotic cells to waterjet and ultrasonic cutting systems, up to large-format additive manufacturing: we design and manufacture performance-driven technologies for advanced materials machining.



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