



ASCENT CONVEYORS AND AUTOMATION LTD

CONVEYOR MANUFACTURE, INSTALLATION & SERVICING

**DRIVING
INNOVATION**
**INTEGRATING
INTELLIGENCE**

OUR EXPERTISE

Decades of engineering excellence in turnkey material handling and industrial automation. We design, build and support intelligent handling and automation systems that help manufacturers stay efficient and prepared for the future. Every project starts with understanding your challenges and ends with a system built to last.



Bespoke-Engineered Conveyor Systems



Precision Control & Automation



Industry 4.0 Integration

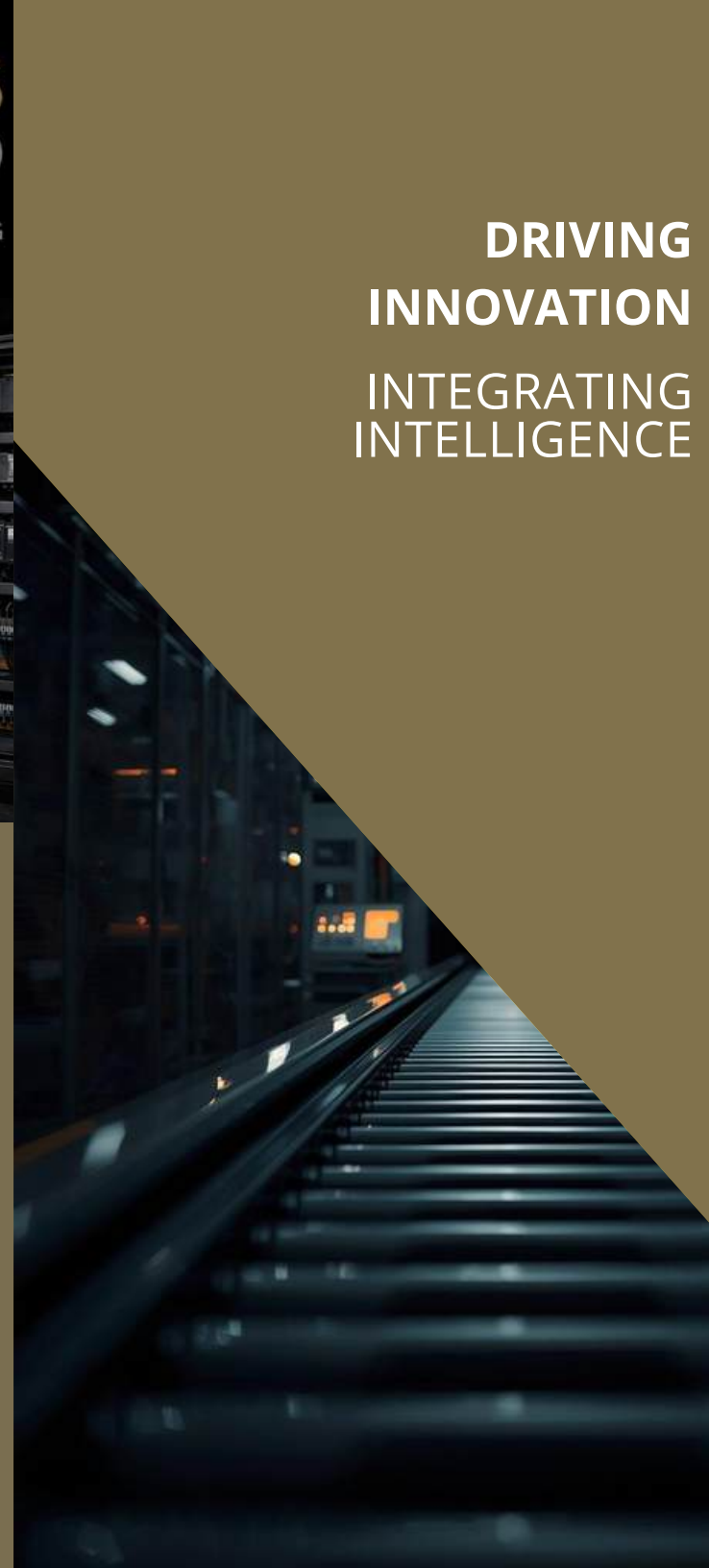


24/7 Support & Aftercare



Strategic Partnership

In collaboration with
Ascent Conveyors and Automation Ltd.
Bridging mechanical hardware
and digital intelligence.



THE TURNKEY SOLUTION

Precision-engineered conveyor systems and intelligent automation solutions for the UK's most demanding industries.



Bespoke-engineered conveyor systems built to withstand demanding industrial environments.



Precision control systems and industrial software powering intelligent automation.

GET IN TOUCH



03300 223189



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Unit 7, Station Place, Merchant Park, Newton Aycliffe, DL5 6AA



ASCENT CONVEYORS AND AUTOMATION LTD

CONVEYOR MANUFACTURE, INSTALLATION & SERVICING



VISION

In partnership with our strategic technology arm, Ascent Control Systems Ltd, we bridge the gap between mechanical hardware and digital intelligence. This unique collaboration allows us to deliver fully integrated, turnkey solutions.

MISSION

Giving our clients a single point of accountability, faster response times, and unparalleled system flexibility—from concept through to commissioning and beyond.

OUR CAPABILITIES



Standard Modular Systems: Cost-effective, pre-configured solutions for swift implementation.



Bespoke-Engineered Designs: Site-specific builds tailored to unique facility constraints and complex product geometries.



Material Versatility: Available in anodised aluminium profiles, high-grade stainless steel , or powder-coated mild steel.



[SEE OUR FULL RANGE](#)

CUSTOM-ENGINEERED MECHANICAL INFRASTRUCTURE

The foundation of any world-class facility is its mechanical reliability. Our conveyor ranges are engineered to survive the most demanding industrial environments whilst maintaining the adaptability required for rapid scaling.



PROMOTING INCLUSIVE WORK ENVIRONMENTS

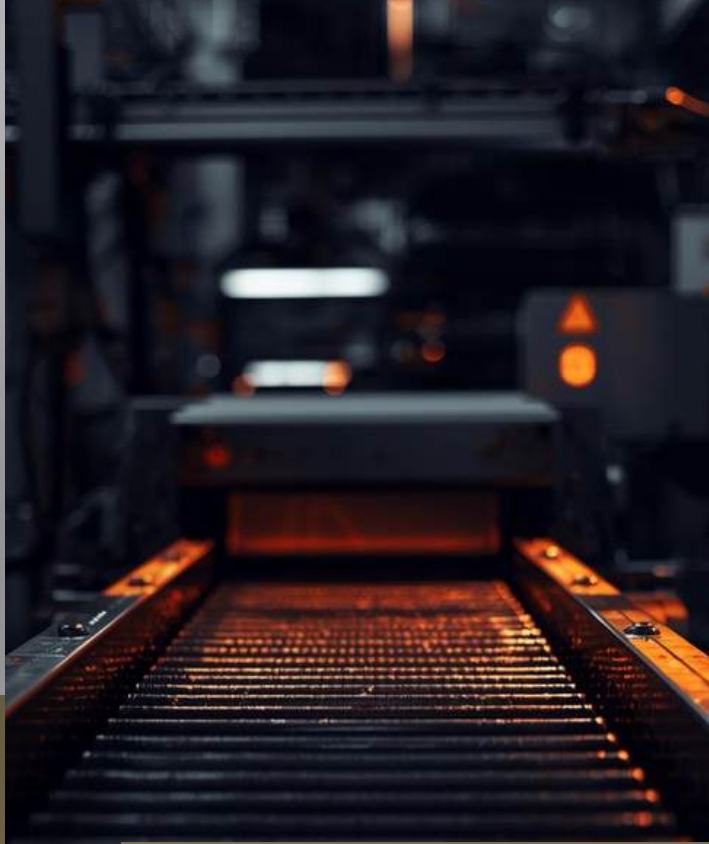
Height Adjustable Workstations

- Fully adjustable worktops or belt/roller conveyors.
- Ergonomically powered height-adjustable surfaces.
- Remote worktop height adjustment with digital display.



ASCENT CONVEYORS AND AUTOMATION LTD

CONVEYOR MANUFACTURE. INSTALLATION & SERVICING



THE MECHANICAL INFRASTRUCTURE

TARGET SECTORS



Food & Drink (Hygienic Design)



Pharmaceutical



Others:

- 3PL & E-commerce (High -Volume Throughput)
- Retail & Grocery (Distribution Efficiency)
- General Manufacturing



[VIEW ALUMINIUM BROCHURE](#)



[VIEW HYGIENE BROCHURE](#)

OUR EXPERTISE



Hygienic stainless steel conveyor systems designed for washdown environments and food-safe compliance.



Cleanroom-standard automation solutions meeting stringent regulatory requirements for medical and pharmaceutical production.



High-volume throughput systems engineered for rapid order fulfilment and distribution centre efficiency.



WHY CHOOSE US

Our specialised knowledge in specific sectors guarantees that each solution is meticulously customised to meet the distinct requirements of your industry. Whether it's hygienic design for food processing or cleanroom standards for pharmaceuticals, we provide systems that surpass regulatory standards while maximizing operational efficiency.



**ASCENT CONVEYORS
AND AUTOMATION LTD**

CONVEYOR MANUFACTURE, INSTALLATION & SERVICING



**BESPOKE PRECISION
MODULAR FLEXIBILITY**

Tailored Solutions for Your Industry

PRECISION CONTROL SYSTEMS & INDUSTRIAL SOFTWARE

A world-class mechanical system is only as effective as the logic driving it. Through our strategic partnership, we provide the "Digital Control Logic" for your facility.



Real-time SCADA dashboards for operational insights and OEE monitoring



High-performance PLC and HMI programming from industry-leading brands

GET STARTED



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THE DIGITAL CONTROL LOGIC

Powered by Ascent Control Systems Ltd

CONTROL DESIGN & MANUFACTURE

- Electrical Schematics: Precision-engineered using EPLAN for total clarity and lifelong maintenance
- Bespoke Control Panels: Built-for-purpose enclosures with full UKCA Certification
- System Retrofits: Intelligent software overlays that modernise legacy mechanical assets

AUTOMATION & SOFTWARE

- PLC & HMI Development: Advanced programming from all leading brands
- SCADA & OEE Visualisation: Real-time dashboards providing deep-dive operational insights
- Drives & Motion: High-precision VSD and Servo control for energy-efficient performance



SMART INTEGRATION & INDUSTRY 4.0

We integrate the latest sensing and robotic technologies to ensure your facility is Industry 4.0 ready.

Our smart solutions bridge the gap between physical infrastructure and digital intelligence, creating connected ecosystems that drive efficiency.

OUR TECHNOLOGY

From barcode scanning to advanced vision systems, we deliver complete traceability and real-time monitoring across your entire operation.



Total Traceability: Barcode, RFID, and Vision Systems for 100% product tracking



Predictive Maintenance: IoT vibration and force monitoring to identify faults before downtime



Robotic Integration: Seamless robot cell and cobot programming for pick-and-place operations



Safety Automation: Advanced machine guarding and SIL-rated safety systems



SMART CAPABILITIES

Our IoT-enabled systems have transformed how we monitor and maintain our production lines. Downtime is now virtually eliminated.



[VIEW THE CONTROL SYSTEMS BROCHURE](#)



FUTURE PROOFING THROUGH CONNECTIVITY

Powered by Ascent Control Systems Ltd

LIFECYCLE SUPPORT & SERVICE ENGINEERING

Maximising Uptime Through Expert Maintenance and Intelligent Monitoring

In a high-pressure manufacturing environment, reliability is your greatest asset. At Ascent, our commitment doesn't end at installation. Through our dedicated Service Engineering division, we provide the technical expertise and proactive care required to ensure your production lines operate at peak efficiency, 365 days a year.

Our Core Service

We provide a comprehensive engineering support for your facility, combining traditional mechanical maintenance with cutting-edge digital diagnostics.



24/7 Rapid Response & Remote Support

British manufacturing never sleeps, and neither do we. We offer round-the-clock peace of mind through:

- Remote Diagnostics: Secure, instant troubleshooting and software adjustments performed directly from our HQ to resolve logic issues in minutes.
- Emergency Call-Out: A dedicated 24/7 technical helpdesk and rapid-response on-site engineering for critical hardware failures.

 [VIEW SERVICE BROCHURE](#)



Proactive Maintenance & IoT Monitoring

We offer round-the-clock peace of mind through:

- Predictive Intelligence & Digital Health Checks: Transition from reactive repairs to data-driven uptime using integrated IoT thermal and vibration sensors that identify component fatigue and potential failure points before downtime occurs.
- Real-Time Asset Optimisation: Gain full operational transparency through bespoke dashboards that monitor system energy consumption and machine OEE (Overall Equipment Effectiveness) to ensure peak performance and full UKCA safety compliance.

Systems Modernisation & Retrofits

We specialise in upgrading ageing conveyor systems and control panels:

- Control Upgrades: Replacing obsolete PLCs and HMI screens with modern, supported hardware.
- Mechanical Overhauls: Refurbishing frames, drives, and belts to meet current throughput demands without the cost of a full replacement.

Nationwide Service Coverage



- Head Office/Central Stores
- Mechanical/Electrical Engineers
- Belt Fitting Engineers



Contact our Service Team today to book a system health check.

 T: 03300 223189
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THE ASCENT ADVANTAGE

A Legacy of Trust. A Future of Support.
With decades of experience at the forefront of British manufacturing, we deliver unmatched reliability and comprehensive aftercare.



Designed and manufactured in the United Kingdom



UKCA certified equipment for complete piece of mind



Flexible Financing Options in collaboration with GRENKE



Certified retailer of Axellent



Strategic partner

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WHY PARTNER WITH US?

- A proven track record across the UK's most regulated industries.
- One partner for mechanical, electrical, and software.
- Fully designed, built, and tested in our UK facility.
- Comprehensive components readily available.

24/7 RESILIENCE

- Remote Diagnostics & Instant Troubleshooting.
- Emergency Call-Out Service.
- Full FAT/SAT (Factory & Site Acceptance Testing).
- Dedicated Technical Support Team.