

Warehousing & Logistics

Control systems that move the right load to the right place, first time.



Modern warehouses are judged on speed and accuracy. Conveyors, cranes, shuttles and automated vehicles must move the right load to the right place first time, keep stock visible to your warehouse systems and recover fast from faults. The people around them must stay safe, while volumes swing with the season.

YOUR PRIORITIES

What matters most

Throughput at peak

Throughput that holds up at peak.

Knowing where everything is

Every load tracked, controls and WMS in step.

People and automation

People and automation working safely together.

Uptime and maintenance

Faults found fast, maintenance planned.

STANDARDS

Standards we work to

BS EN 619

Safety of conveyors and handling equipment for unit loads such as totes, cartons and pallets.

BS EN 528

Safety of rail-dependent storage and retrieval machines such as stacker cranes.

BS EN 15095

Safety of power-operated mobile racking and shelving, carousels and storage lifts.

BS EN ISO 3691-4

Safety of driverless industrial trucks, such as AGVs and AMRs, and the areas they work in.

BS EN ISO 13849-1

Design of safety-related parts of control systems, rated by performance level.

Supply of Machinery (Safety) Regulations 2008

GB law on machinery safety: essential requirements, conformity assessment, marking and declaration.

HOW WE DELIVER

Specify

Design

Test

Commission

Hand over

Support

Systems we engineer

- Conveyors, turntables and transfers
- Stacker cranes and automated storage
- Tote and pallet handling
- Palletising and order consolidation
- WMS, WCS and MES integration
- SCADA, recipes and maintenance reporting

PROJECT EXPERIENCE

Conveyor and crane warehousing

Matrix implemented the software, electrical and SCADA system for a material handling system: conveyors, cranes, turntables, tote and pallet handling, and storage. It routes material by the ideal path, stores in-demand product dynamically, consolidates items onto single pallets, and provides SCADA recipe handling, maintenance reporting and MES part tracking.

ISO 9001 certified • Cyber Essentials • CHAS • Constructionline • SafeContractor

Talk to us about your project

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