



AMH

ATHERTON
MATERIAL
HANDLING

AMH | ACS



System Design
Turnkey Project Delivery

Structural Engineering
In-House Calculations

Manufacture & Installation
Nationwide Delivery

Maintenance & Support
Lifecycle Reliability

Built from Experience.
Engineered for Performance.

Built on over 50 years of material handling expertise, Atherton Material Handling delivers complete conveyor systems from concept to commissioning and beyond. Engineered for performance, reliability, and throughput — keeping heavy industry moving at full capacity.

Atherton Material Handling

Atherton Material Handling is a specialist engineering and project delivery company focused on the design, manufacture, and installation of complete conveyor systems across quarrying, mining, and heavy industrial sectors.

We supply and manufacture high-performance rollers, drums, and transoms, backed by over 50 years of AMH manufacturing excellence. Every product is built for site duty and engineered to minimise drag, extend belt life, and deliver lasting reliability in the toughest environments. Operating as the core engineering arm of the group, AMH leads :

- System concept & design
- Structural engineering & calculations
- Conveyor specification & layout optimisation
- Full project delivery & installation
- Commissioning & operational handover
- Long-term maintenance & system support

Unlike component suppliers, AMH operates at system level. We design, build, and deliver complete operational systems. Every conveyor, structure, and transfer point is engineered around :

- Throughput requirements (TPH-driven design)
- Material characteristics (abrasive, wet, fines-heavy etc.)
- Site constraints & elevations
- Maintenance access & safety compliance
- Long-term operational efficiency

Supply & Critical
Component Manufacture

Supported by Atherton Conveyor Spares (ACS), our systems are backed by a dedicated supply chain of precision-engineered components

General Enquiries

For more info on AMH or ACS, any products, or services please contact us or visit our website.

System Design & Engineering

AMH engineers complete systems around real-world conditions, ensuring throughput, reliability, and operational efficiency are built in from the outset

We design and deliver complete conveyor systems built to perform under real, high-demand operating conditions — from quarry extensions to full-scale processing plants. Every system is engineered for throughput, durability, and long-term reliability, with in-house structural calculations, duty-led conveyor design, and fully integrated steelwork, drives, and transfer systems. From initial concept through to manufacture, installation, and commissioning, each project is delivered with full compliance to UK standards — ensuring performance you can build your operation around.

✓ Capabilities

- Full system concept development & site surveys
- Conveyor layout design (field, tunnel & transfer systems)
- Throughput modelling & load calculations (TPH-driven design)
- Material flow analysis (abrasive, wet, fines-heavy applications)
- Structural engineering & in-house calculations
- 2D & 3D CAD modelling and system visualisation
- General arrangement drawings & fabrication packages
- Clash detection & installation planning
- Drive selection & power requirement specification
- Belt specification, tracking strategy & system optimisation
- Safety systems integration & compliance planning

Poor system design creates long-term operational problems. AMH eliminates these at source — delivering systems engineered to perform under real conditions from day one.

General Enquiries

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Turnkey Conveyor System Delivery

We design and deliver complete conveyor systems built to perform under real, high-demand operating conditions — from quarry extensions to full-scale processing plants.

Every system is engineered for throughput, durability, and long-term reliability, integrating structural design, conveyors, drives, and transfer systems into a fully coordinated solution. From initial concept through to manufacture, installation, and commissioning, each project is delivered with full compliance to UK standards — ensuring performance you can build your operation around.

✔ Full Scope Delivery

- System design & engineering
- Steelwork fabrication (EN 1090 compliant)
- Conveyor manufacture & assembly
- Logistics, delivery & site coordination
- Mechanical installation & fit-out
- Belt installation, alignment & tracking
- Integration with existing plant systems
- Commissioning & performance testing

AMH manages the full delivery lifecycle as a single, accountable partner — integrating design, manufacture, and installation, with ACS supplying and manufacturing the critical components that power the system. This unified, end-to-end model removes supply chain risk, controls costs, minimises delays, and delivers reliable system performance from day one.

General Enquiries

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Installation Maintenance & Support

AMH systems are installed with full consideration for real site conditions, operational constraints, and long-term performance requirements. Every installation is executed to ensure safe integration, efficient commissioning, and a smooth transition into full production.

AMH delivers installation, commissioning, and ongoing support with a clear focus on operational continuity, system reliability, and sustained throughput. Every system is installed with full consideration for site conditions, material behaviour, and real-world operating demands - ensuring a smooth transition from project completion into full production. Supported by ACS for the supply of critical components and spares, AMH provides a complete lifecycle approach - combining system knowledge, engineering insight, and responsive support to keep operations running efficiently, safely, and at full output.

✓ Installation & Commissioning

- Full site installation & mechanical assembly
- Conveyor alignment & tracking optimisation
- System testing under load conditions
- Final commissioning & operational handover
- UK-compliant with safety & operational standards

✓ Maintenance & Support

- Planned maintenance programmes
- System inspections & performance reviews
- Conveyor alignment & optimisation
- Wear analysis & component lifecycle planning
- Breakdown response & on-site support

By maintaining alignment between system design, installation, and ongoing support, AMH ensures systems continue to operate as intended under real-world conditions. Supported by reliable component supply through ACS, this delivers stable, efficient, and predictable system performance over time.

General Enquiries

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End-to-End Material Handling Solutions

As part of the Atherton Material Handling group, AMH delivers complete system design and project execution, supported by Atherton Conveyor Spares (ACS) for the manufacture and supply of critical conveyor components.

✔ System Level — AMH

- Concept design & engineering
- Structural calculations & system modelling
- Conveyor system design & layout
- Manufacture, installation & commissioning
- Maintenance & lifecycle support

✔ Component Level — ACS

- Drum manufacture
- Roller supply (ATG)
- Bearings, belts & ancillary components
- Conveyor spares & stockholding
- Rapid supply & nationwide delivery

Together, AMH and ACS combine engineering expertise, manufacturing capability, and supply chain reliability into a single, unified delivery model. From initial concept and system design through to manufacture, installation, commissioning, and long-term support, every stage is aligned under one coordinated approach.

AMH leads the engineering, design, and full project delivery, while ACS supports with the manufacture and supply of critical conveyor components — ensuring consistency, quality, and performance across the entire system.

For complete conveyor system design, engineering, and delivery — or to discuss upgrades, expansions, and system optimisation — contact Atherton Material Handling today.

Component Supply & Manufacturing Capability

As part of the integrated AMH and ACS delivery model, these brochures showcase the component-level capability that supports system performance in the field..



ACS / Critical Component Manufacture & Supply

- Precision drum manufacture (drive, tail, bend & snub)
- ATG roller supply with UK-wide distribution
- Conveyor belts, bearings & ancillary components
- 24/7 breakdown support & rapid response
- Nationwide delivery & stock availability
- Fully compliant UK manufacturing (EN 1090, ISO 9001, BS EN ISO 3834-2)



ACS / Roller Brochure & Order Form

- ATG precision-manufactured rollers — ACS supplied
- Steel & HDPE roller options for varied applications
- Impact, carry, return & training roller configurations
- Troughing sets & full transom assemblies
- Low-noise, low-friction, sealed-for-life designs
- Improved belt tracking, reduced wear & longer service life

Together, these brochures highlight the component-level capability that supports AMH's system delivery — ensuring every installation is backed by reliable, high-performance parts and ongoing supply.

Brochure Downloads

All brochures are available to view and download via our website, or can be requested digitally via email.



ATHERTON
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End-to-End Material Handling One Integrated Partner

With dedicated UK engineering support, full project delivery capability, and nationwide installation, AMH ensures every system is designed, delivered, and supported to perform. Backed by ACS for the supply and manufacture of critical components, this integrated approach provides a reliable, responsive, and performance-driven solution — keeping UK industry operating at full capacity.



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Structural Engineering

In-House Calculations

Manufacture & Installation

Nationwide Delivery

Maintenance & Support

Lifecycle Reliability

With over 50 years of industry heritage, integrated manufacturing capability, and nationwide project delivery, AMH provides complete, end-to-end material handling solutions — delivering turnkey systems at scale with confidence.



Atherton Material Handling LTD

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