



M&K

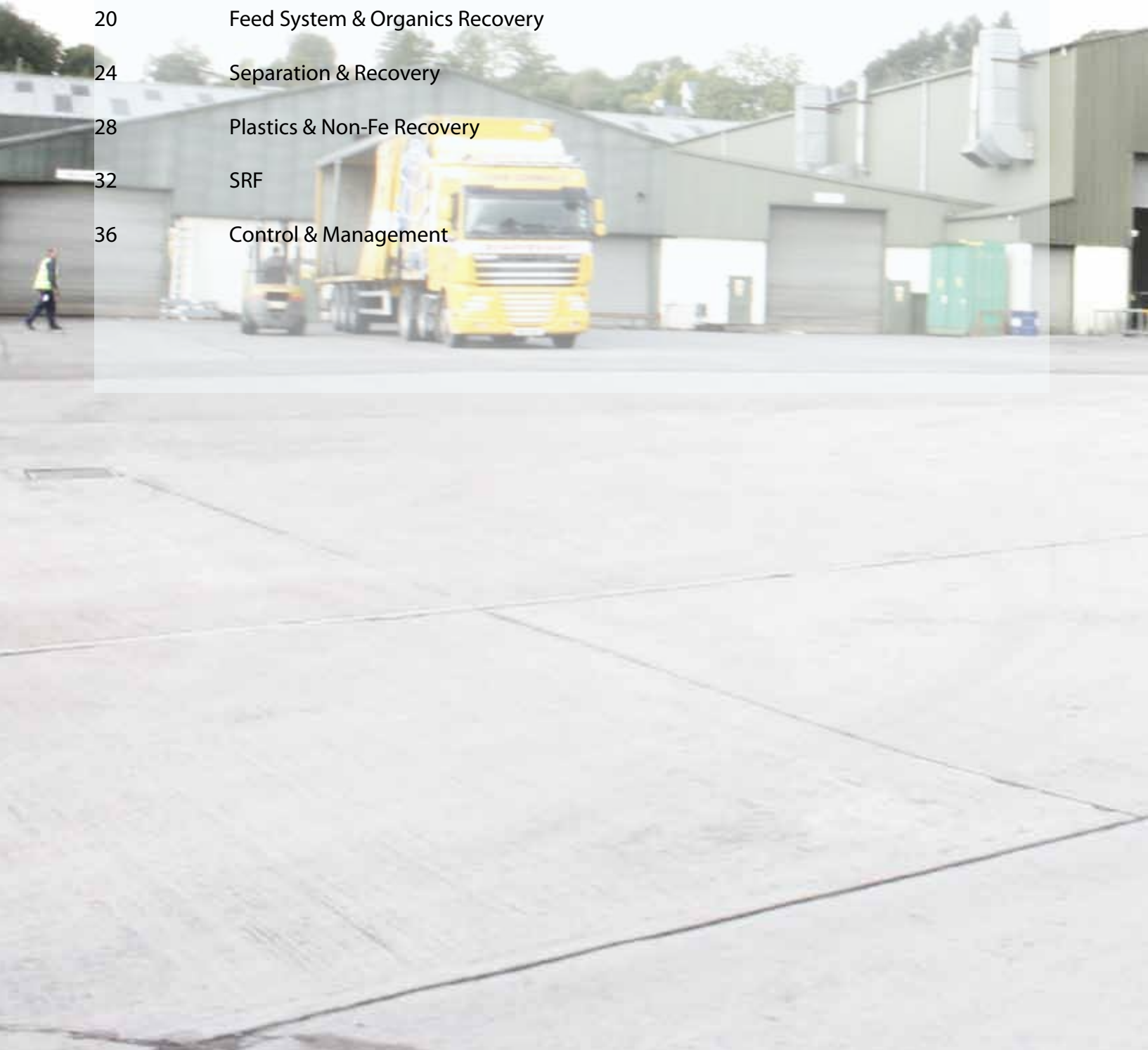
Lancashire Waste Recycling

a lifetime of reliability



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M&K

Reliability & Efficiency

M&K have been pioneers in the design, manufacture, installation and support of innovative material handling and resource recovery solutions for over 35 years. Our innovative turnkey solutions & life cycle services offering's represent the lowest sustainable cost per ton solutions available on the market.

Our key markets are recycling, energy & quarrying.

Our Strategy

M&K's ambition is to be number one and best in class technology and service provider in all the businesses we are in.

Our Objective

Our objective is to provide our customers with a lifetime of high performance and high profitability based on long term relationships. We endeavour to provide our customers with sustainable value through;

- highest standards of equipment & service
- better process performance
- improved Productivity
- maximum plant availability and reduced downtime.
- best prices

Our Values

Our 4 key values are;

- innovative, world class products & systems
- uncompromising customer service
- attention to detail
- long term customer relationships

What can M&K offer?

- Experience, M&K were established in 1977.
- Commitment to establishing & maintaining sustainable long-term customer relationships
- Consultative Approach
- Profound knowledge of customers' industrial processes
- Strong technology know-how
- Service orientated philosophy
- Attention to detail



Long Term Commitments to

Substantial investments in Engineering, Manufacturing & Customer Service support our commitment to provide our customers with high quality, reliable & efficient products and service and therefore sustainable value.



Infrastructure (Key Facts)

- Site: 3 Hectares (7.5 Acres)
- Industrial Buildings: 5500 sq Metres (60000 Sq. Feet)
- Spare Parts: 325 Sq Metres (3500 Square Feet)
- Office Accommodation: 325 Sq Metres (3500 Square Feet)



... provide our Customer's with sustainable value

Industrial Facilities

- Laser Cutting
- Fabrication
- Surface Treatment
- Subassembly
- Final Assembly
- Research & Development
- Testing/Quality Control
- Warehousing
- Global Distribution Centre



Non Industrial Facilities



- Mechanical Engineering
- Electrical Engineering
- Hydraulic Engineering
- Technical Support
- Procurement
- Production Control
- Quality Control
- Project Management
- Health & Safety
- Services



Quality inherent in our processes





Uncompromising Customer Service

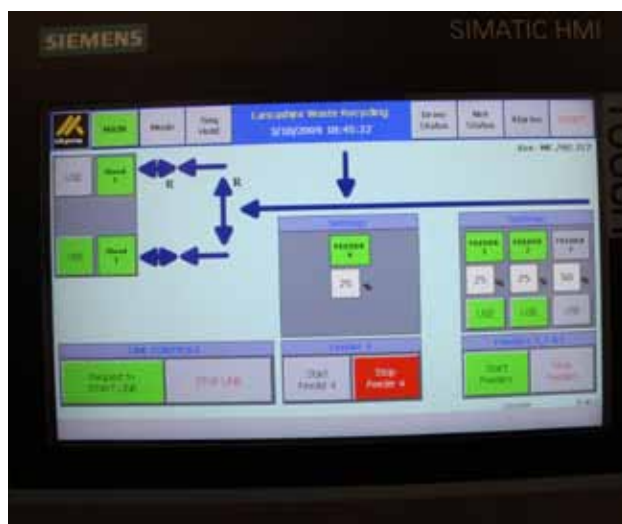
Delivering uncompromising 'cradle to grave' customer service is one of the cornerstones of our business model. Understanding our customer's processes and operational realities is as important as our commitment to the quality and reliability of our extensive solutions



Long Term Performance



We build in the best in terms of long-term performance not only through industry-leading equipment and processes, but also through the best in inspections, part replacement, maintenance and repair, and training.



Product Offerings

Globally M&K products & systems are synonymous with

- excellent reliability,
- service,
- parts availability,
- long life and
- excellent value.

M&K offer turnkey systems for

- MSW,
- C&D,
- C&I,
- Waste-to-Energy,
- Co Mingled,
- Wood &
- Organics Processing Solutions.





M&K design, manufacture & support:

- Shredders
- Feeders
- Conveyors
- Chain Conveyors
- Trommel Screens
- Picking Conveyors
- Eddy Current Separators
- Air Density Separators (Single Drum & Double Drum)
- Recovery Cabins
- Welfare Cabins
- Flip Flow Screens (2 Deck)
- Screens

M&K supply & support:

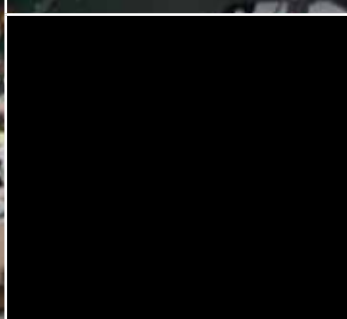
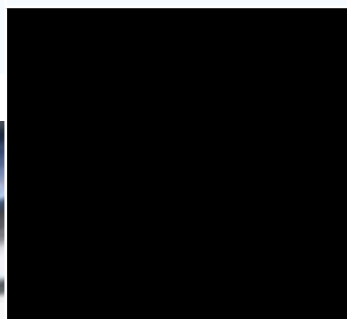
- Ballistic Separators,
- Magnets,
- Balers
- Wrappers



Lancashire Waste Recycling

Client:	Lancashire Waste Recycling
Application:	Residual Waste
Throughput:	80,000 tpa

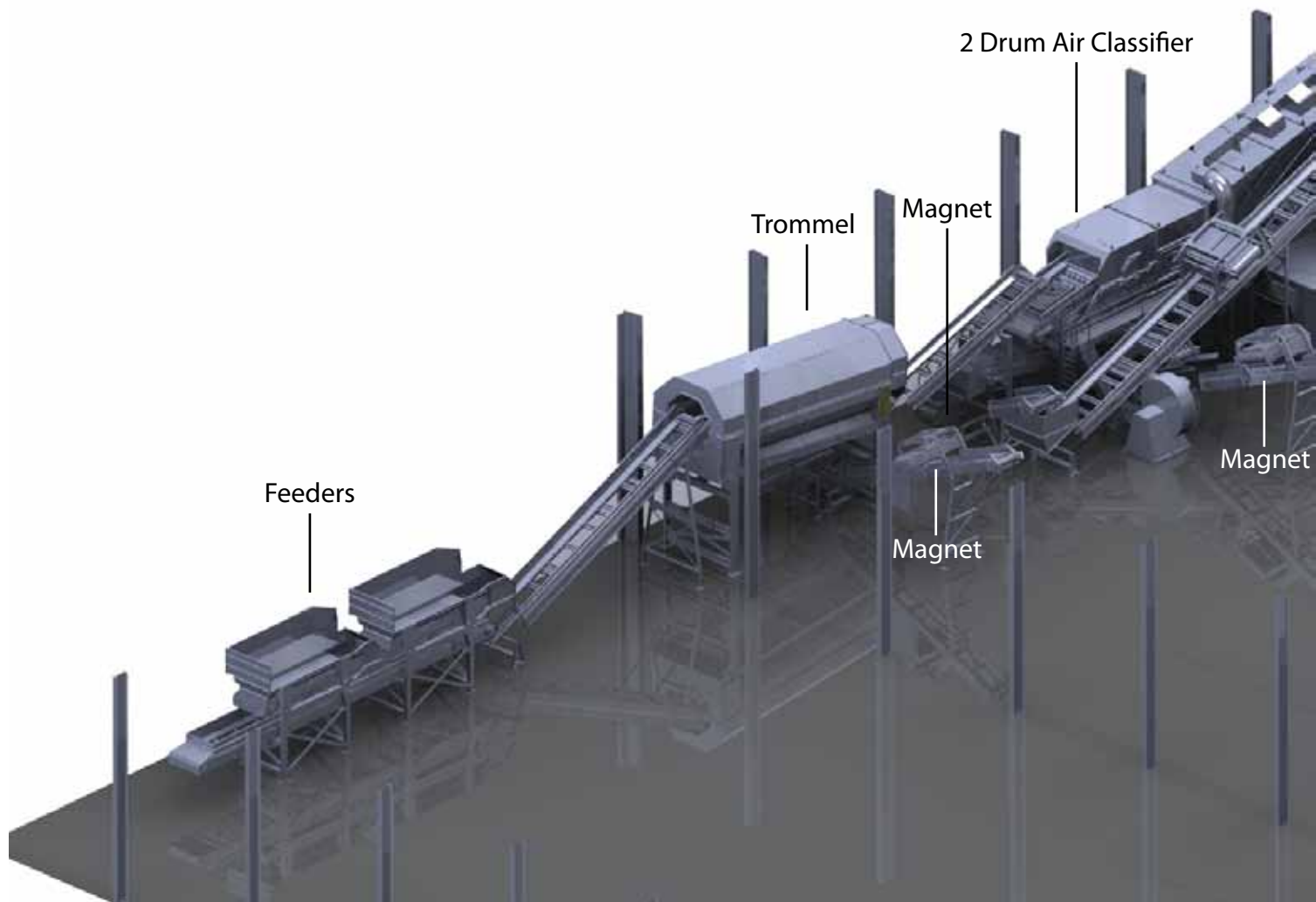


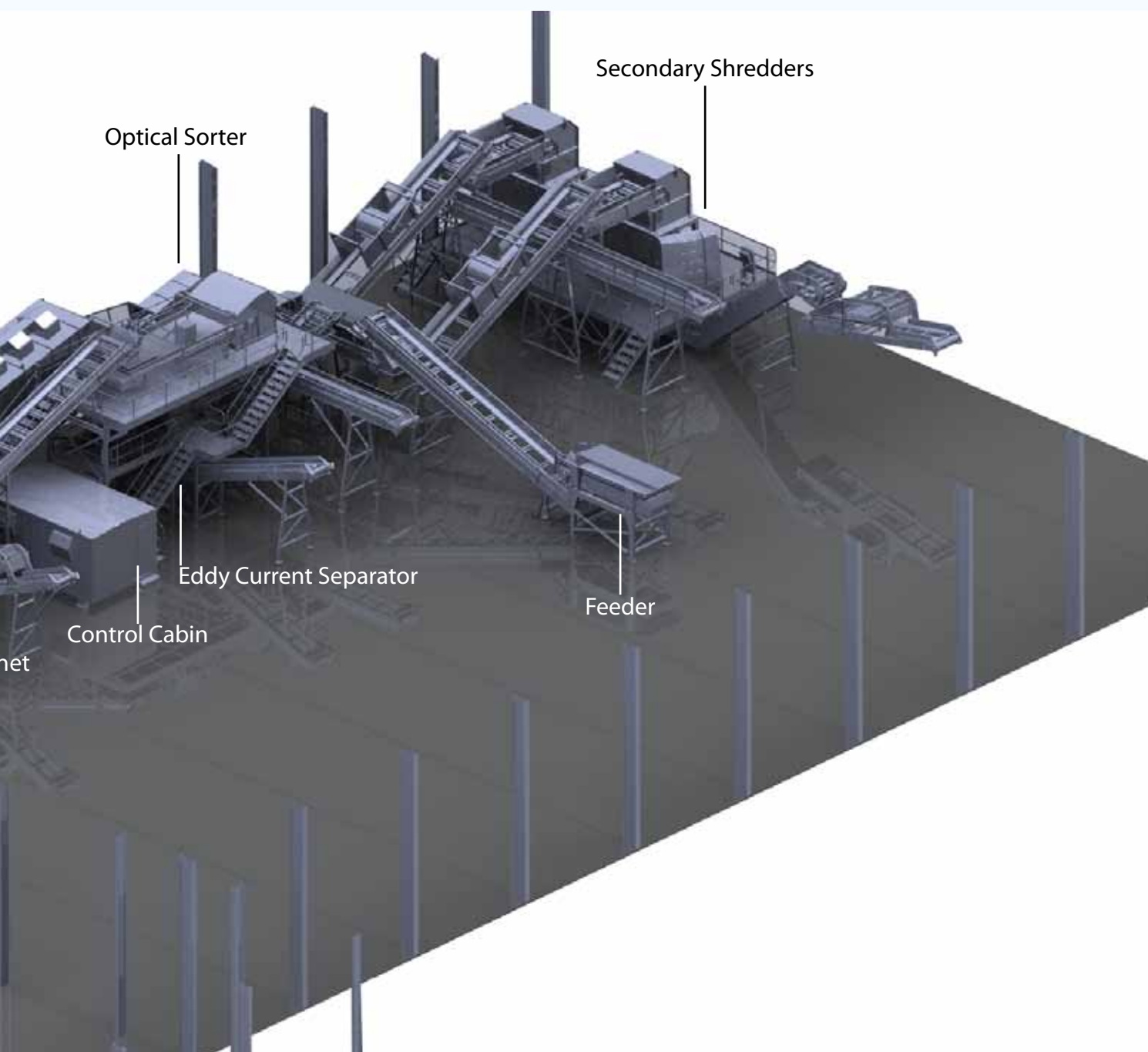


Lancashire Waste Recycling: Overall Layout

LWR's requirements were to design a system that would;

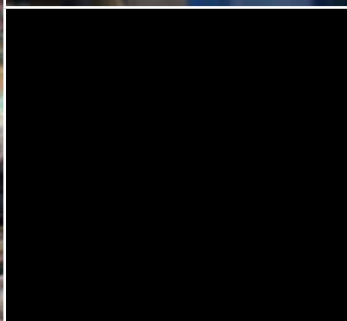
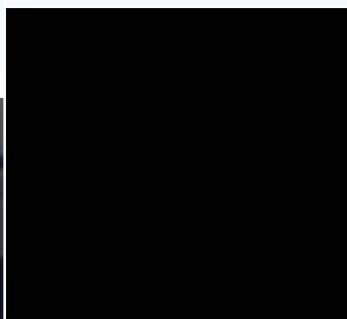
- increase throughput,
- improve productivity,
- reduce costs
- recover more products.
- incorporate flexibility
- include automation





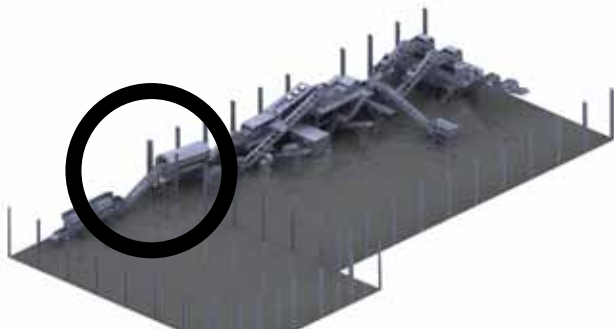
Feed System & Organics Recovery





Feed System & Organics Recovery





Separation & Recovery

Process Description:

Heavies Fraction

Middle Fraction

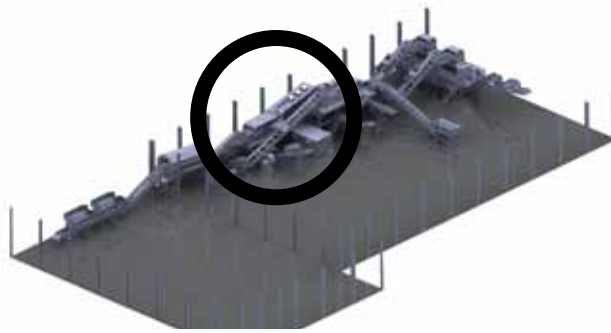
Light Fraction



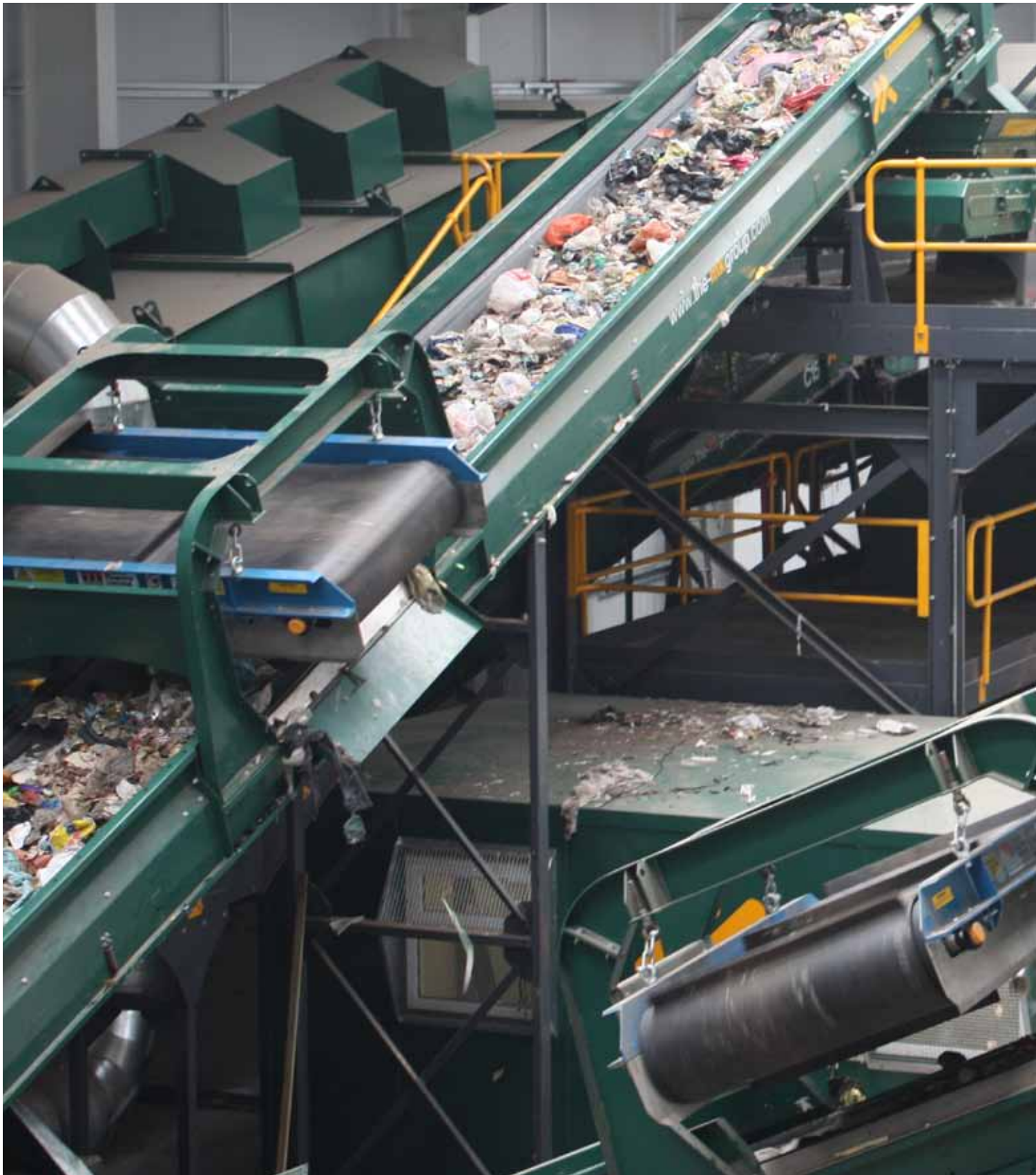


Separation & Recovery



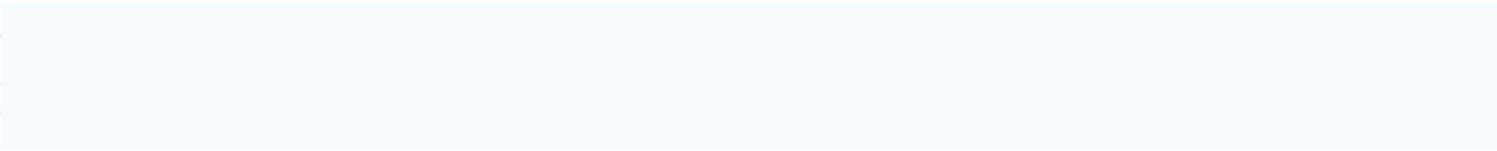


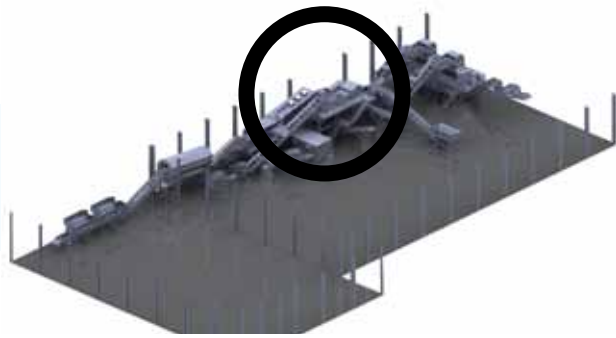
Plastics & Non Fe Recovery



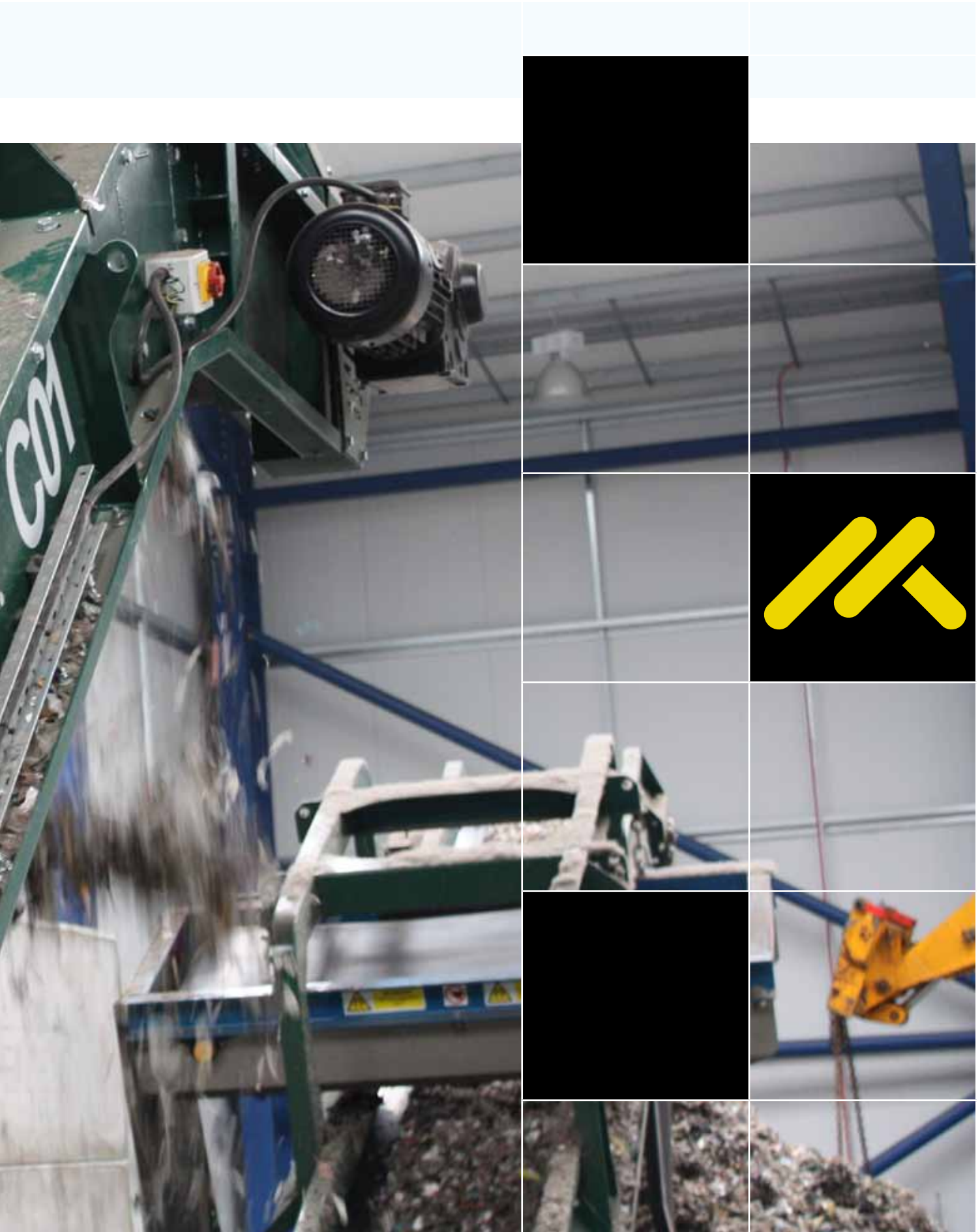


Plastics & Non Fe Recovery

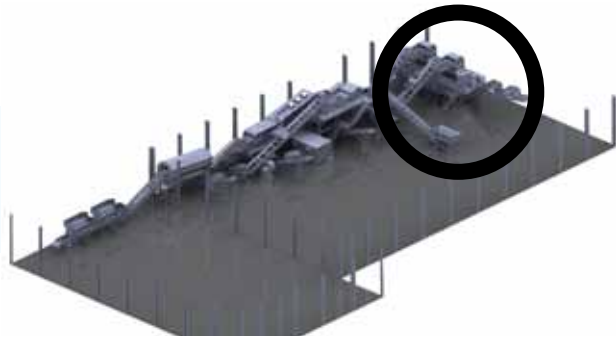












Control & Management

