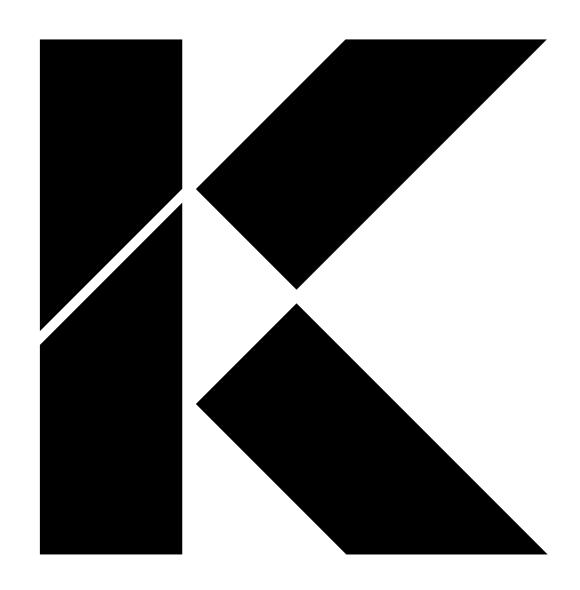


# **BUILT WITH BACKBONE**



# BUILT WITH BACKBONE

KIVERCO is widely celebrated as a provider of the waste processing and recycling plant industry's toughest and most durable plant. When it comes to robustness, we're untouchable. And maximum uptime means maximum output, and faster financial returns too because of our do-it-once, do-it-right approach. Toughness-in means dependability-out. So, if it's waste processing and recycling plant you want, you have a few options. But if it's the industry's toughest and most durable plant that you crave, then there really is just one choice.

KIVERCO. Built With Backbone.



#### Consultation is key.

All KIVERCO customers experience a tailored journey that starts with needs analysis. Requirements are discussed and the best solutions are defined at the concept stage.

Our commitment to developing uncompromisingly robust engineered plant is built into all of our systems and processes, from the very beginning.







KIVERCO's innovative design processes are at the forefront of plant design and build across the industry.

In addition to traditional 2D modelling, we also use 3D modelling and virtual animation, helping customers to visualise what the plant will look like and how all parts of the facility will work together.

Continuing on from the consultation phase, we remove any superfluous and overly-complex components, controlling the number of multiple lines, products or parts so that we minimise additional cost and maximise value to a waste project at the same time.







KIVERCO is known for its uncompromising approach to quality and consistency at the manufacturing and installation stages.

All plant is modular in design, so a client can easily diversify, expand, contract, relocate, recondition or retrofit plant as market conditions dictate.

This consistent approach to high quality manufacture means that KIVERCO plant has an unusually long lifetime as it can be modified as and when needed. For additional peace of mind, all equipment is assembled and rigorously tested before dispatch, ensuring that all plant operates perfectly to the specified requirements. Our toughness is not just part of what we say - it's a part of what we do. Because of our ultra-thorough testing stages, we're reducing risk for the customer.



Customers have the knowledge and the peace of mind that a KIVERCO facility will operate to the standards and levels of throughput they require, before any large capital investment is made.





Kiverco's detailed project planning process and end-to-end approach to on-site installation means that our expert engineers ensure the plant is installed exactly as it should be; in sequence, on time and within budget. We work in strict adherence to all health & safety requirements as well as local environmental conditions. Kiverco's specialist 'Renewal' installation team have considerable experience in Plant Relocation and Plant Upgrade.

**Plant Relocation** is for customers that wish to dismantle and relocate KIVERCO plant to a new facility either locally or worldwide. KIVERCO has the know-how and capability to manage and deliver this service quickly and cost-effectively.

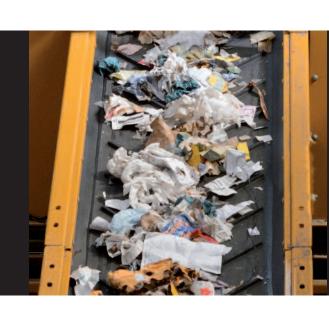
**Plant Upgrade** is for customers whose production capacity is increasing. Modular in design and built for any waste stream, KIVERCO plant is 'future proofed' not only because of its durability, but because it can be extended or added to at any time.







KIVERCO consult, design, engineer and manufacture uncompromisingly robust recycling plant for any business in the waste processing industry.





### MAXIMUM OUTPUT

Providing private enterprise and municipalities throughout the UK and worldwide since 2000, KIVERCO's robust design and engineering ensures optimum plant performance to give our customers maximum uptime and therefore maximum output and recovery.

KIVERCO's extensive experience handling waste, professional relationships with world leading technology partners and comprehensive service programmes combine to give all our customers total confidence and control over the lifetime of their investment.

With KIVERCO, surety is built-in.

## A CLOSER LOOK



# TOMORROW'S SOLUTIONS TODAY

## KIVERCO is building tomorrow's toughest and most durable recycling plant - today.

And our philosophy is simple. We ensure optimal performance of plant that – even in the harshest of environments – gives our customers maximum uptime and maximum output. This in return increases the lifetime value of the plant itself, returning investment in any KIVERCO MRF faster. Our waste solution product offering is extensive.

We recycle C&D, C&I, Dry Mixed Waste, Municipal Solid Waste, Green Waste and Compost, Wood or Biomass and Scrap Metal. And there are KIVERCO Mobile solutions, too.

Let's take a closer look ...

#### CONSTRUCTION AND DEMOLITION WASTE

In this heavy waste environment, absolute confidence that your plant will withstand difficult conditions any environmental circumstances is vital. With KIVERCO's robust design and solid build, you can be sure that your plant will not let you down. We will deliver on the agreed and required throughput and recovery targets and will drive your operation day and night.

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#### **COMMERCIAL AND INDUSTRIAL WASTE**

KIVERCO C&I waste recycling plants divert commercial and industrial waste from landfill, separating it into products such as wood, metal, card, film, paper and plastic, all at the lowest possible operating cost.

KIVERCO's state of the art Commercial and Industrial waste MRFs comprise the latest in shredding, screen, air, magnetic, ballistic, optical and baling technology. This allows operators to efficiently separate and sort a huge variety of material types, with purity and recovery rates up to 98% achievable. Our robust engineering and design principles are applied at all times giving customers maximum output at all times.

3

#### MUNICIPAL SOLID WASTE

KIVERCO specialise in the Mechanical Treatment of waste as part of an MBT plant (Mechanical Biological Treatment). We divert Municipal Household Waste from landfill, recovering as many recyclable materials as possible before drying and shredding the remaining light materials to make a Refuse Derived Fuel (RDF). Organic materials are generally sent for conversion to heat and electricity or to create a compost like output.

KIVERCO's state of the art MSW MRFs (sometimes referred to as dirty MRFs) utilise the latest in bag opening, shredding, screen, air, magnetic, ballistic, optical and baling technology. This allows operators to efficiently separate and sort a wide variety of material types achieving the purest end product while maintaining maximum output and reducing landfill.



#### WASTE TO ENERGY / RDF / SRF

With a KIVERCO RDF/ SRF plant customers can be assured that their fuel will be prepared and delivered to the highest, required specifications. KIVERCO's state of the art RDF / SRF production facilities comprise the latest in shredding, screen, air, magnetic and baling technology to present you with a waste derived fuel at the greatest value per tonne. Kiverco plant is extremely robustly built, easy to maintain and designed to minimise energy requirements.

With a Kiverco plant you benefit from an RDF and SRF produced to required industry standards including calorific value, chlorine and moisture content.maintaining maximum output and reducing landfill.

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#### **FINES TREATMENT**

The effective treatment of screen fines can further reduce the amount of waste going to landfill. 'Trommel' or drum screen fines contain inert material such as stones, aggregates, glass and soils which are naturally occurring. They can also contain fibres, films, plastics, wood and textiles. Using a mixture of world leading flip flow screen technology and the latest in magnetic and air density separation, these lighter non-inert fractions can be very effectively separated from the inert material. The non-inert fraction can potentially be used as a refuse derived fuel (RDF). The inert material meanwhile is efficiently screened and cleaned into different sizes, its value determined by local market requirements or legislative conditions.

Using KIVERCO products for your fines treatment will create a higher quality product and will you give you a greater return on your investment.

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#### **MOBILE SOLUTIONS**

KIVERCO design and build robustly engineered mobile materials recovery equipment using the latest technologies within the waste recycling industry. From individual equipment solutions through to complete, integrated mobile material recovery facilities (MRFs) KIVERCO have a mobile solution to suit your application needs.

KIVERCO's mobile plant offers many of the technologies and design processes which are applied to all of our static plant including screening, manual sorting, metal and air density separation.

2 owners, 8 senior managers, 13 engineers, 12 installers, 6 quality controllers, 6 aftercare vehicles, 50 000 square feet of production and a top class production team all with 1 purpose - to create the waste processing and recycling plant industry's toughest and most durable plant.



## KIVERCO TEAM



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