

MODULAR WASTE RECOVERY

KIVERCO[™]
RECYCLING PLANT



KIVERCO MODULAR PLANT RANGE

DELIVERING SOLUTIONS FOR WASTE SORTING & SEPARATION

At KIVERCO, we consult, design, engineer and build uncompromisingly robust recycling plant for any business in the waste processing industry. We have been manufacturing static and modular recycling plants for over 25 years. Whether you are a small or a large plant operator, Kiverco design and manufacture recycling plants to suit all types of waste streams. We help you achieve maximum uptime which means maximum output and faster financial returns. This is due to our do-it-once, do-it-right approach. Our Material Recovery Facilities reduce the amount of waste going to landfill by recovering recyclables, converting waste into alternative fuels (RDF / SRF) and / or producing compost.

Our extensive experience handling waste, our professional relationships with world leading technology partners and our comprehensive service programmes combine to give you total confidence and control over the lifetime of your investment.



**BUILT WITH
BACKBONE**

KIVERCO MODULAR RECYCLING RANGE

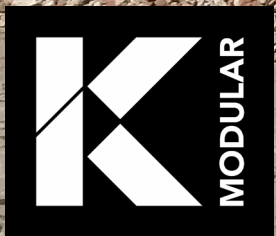
KIVERCO has developed the Modular Plant range. A modular recycling plant with all of the benefits of a high performance stationary plant. This new range of products, operated as single units or when combined together, can be set up within hours.

Designed and built by the same team that has successfully produced over 250 static plants since Kiverco began, the initial range includes:

- Feeder Trommel
- Picking Station
- Density Separator

All components come with various options and configurations, offering the customer maximum flexibility to obtain a bespoke solution for their waste handling needs.

All models in the Kiverco Modular Range can be used alongside other modular equipment or can be combined to form **A COMPLETE RECYCLING SYSTEM**.



DS150 Processing C&D Waste

A yellow KOMPACT DS 150 waste processing machine is shown from a low angle, with its large hopper open. A large pile of crushed stone is being discharged from the machine. The machine has the KOMPACT logo and 'DS 150' printed on its side. The background shows a clear blue sky and a dirt ground.

ADD VALUE TO YOUR WASTE

APPLICATIONS

- Construction & Demolition Waste
- Commercial & Industrial Waste
- Dry Mixed Recyclables
- Municipal Solid Waste

A COMPLETE RECYCLING PLANT... ...MADE MODULAR

With the added advantage of mobility, this should also be of interest to **plant hire companies and contractors** or anyone working at a site on a temporary licence. This plant can be **ready to work within a few hours** of the equipment arriving on site. **NO CRANES ARE REQUIRED DURING SET-UP.**

IDEALLY SUITED FOR:

- Small & medium waste processing operators
- Contractors
- Rental market
- Companies with a short-term lease / temporary licence
- Operators handling waste manually who would like to move to a more efficient process
- Operators who require versatility & high recycling performance, in a modular and flexible layout
- Large operators working at peak capacity, to help with overflow

FOR SITES WHERE:

- Space may be at a premium
- There is limited infrastructure
- There is no direct power supply.





OPERATING DIMENSIONS				
	PS122		PS123	
OPERATING LENGTH	16.1m	52.9ft	18.5m	60.6ft
OPERATING WIDTH	3.4m	11.2ft	3.4m	11.2ft
OPERATING HEIGHT	5.6m	18.2ft	5.6m	18.2ft
WEIGHT	19,000kg	41,888lbs	21,500kg	47,399lbs

PICKING STATION

The Modular PS Picking Station range combines manual sorting, air separation and magnetic separation – all in one compact unit:

- 2 to 6 bay sorting to recover clean stone, wood, paper, plastics, card etc
- Integrated air separation to produce clean product
- Integrated magnetic separation to recover ferrous metals

The Modular PS offers unrivalled set-up simplicity, operator comfort, safety and environmental protection.

VARIABLE SPEED 1.2M WIDE PICKING BELT
Adjustable belt speed to suit waste material & desired recovery required

WIDE CORE RADIATOR
Allows for easy cleaning during maintenance

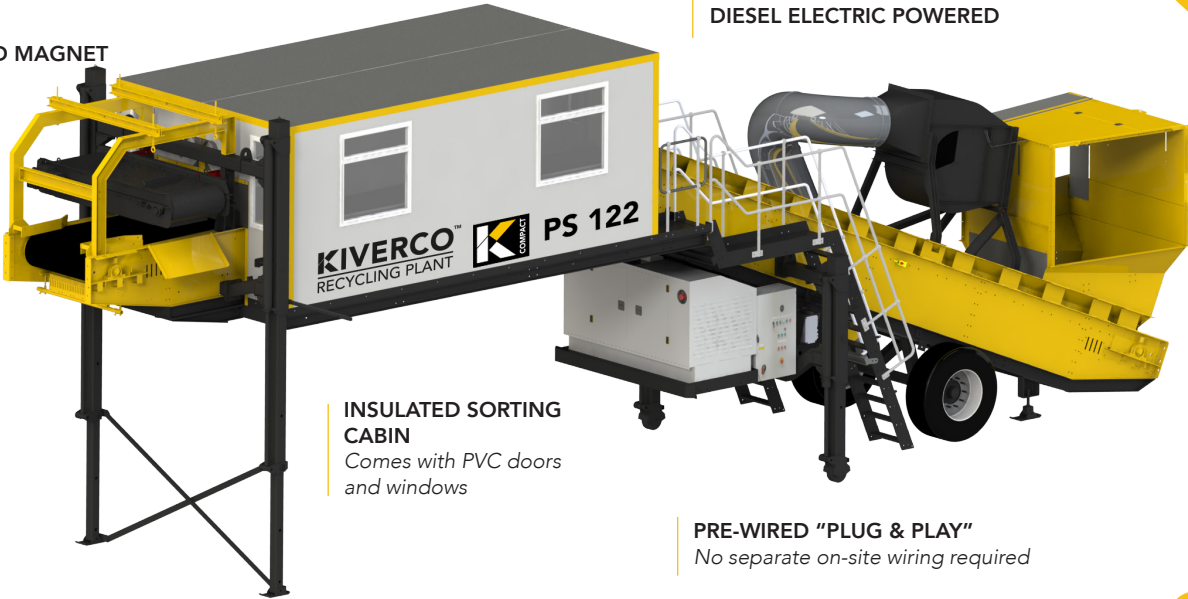


NEW OPTION!
FEEDER WITH IMPACT PROTECTION

Can be built on to existing machines.
Provides more control of flow rate.

OPTIONAL OVERBAND MAGNET
Recovers ferrous metals

DIESEL ELECTRIC POWERED



INSULATED SORTING CABIN
Comes with PVC doors and windows

OPTIONAL FAN BLOWER
Removes light material

PRE-WIRED "PLUG & PLAY"
No separate on-site wiring required

HEAVY DUTY HYDRAULIC ADJUSTABLE JACK LEG SYSTEM
Safe & rapid set-up with basic tools

OPTIONS

- Dual Power/Mains Changeover
- Fan Blower Module
- Overband Magnet Module
- Clean Fix Fan
- Site Axle
- Trap Door Bins
- Cabin Air Conditioning
- Feeder With Impact Protection

CUSTOMISE YOUR PICKING STATION
Add various modules such as a an Blower or Overband Magnet depending on your application.

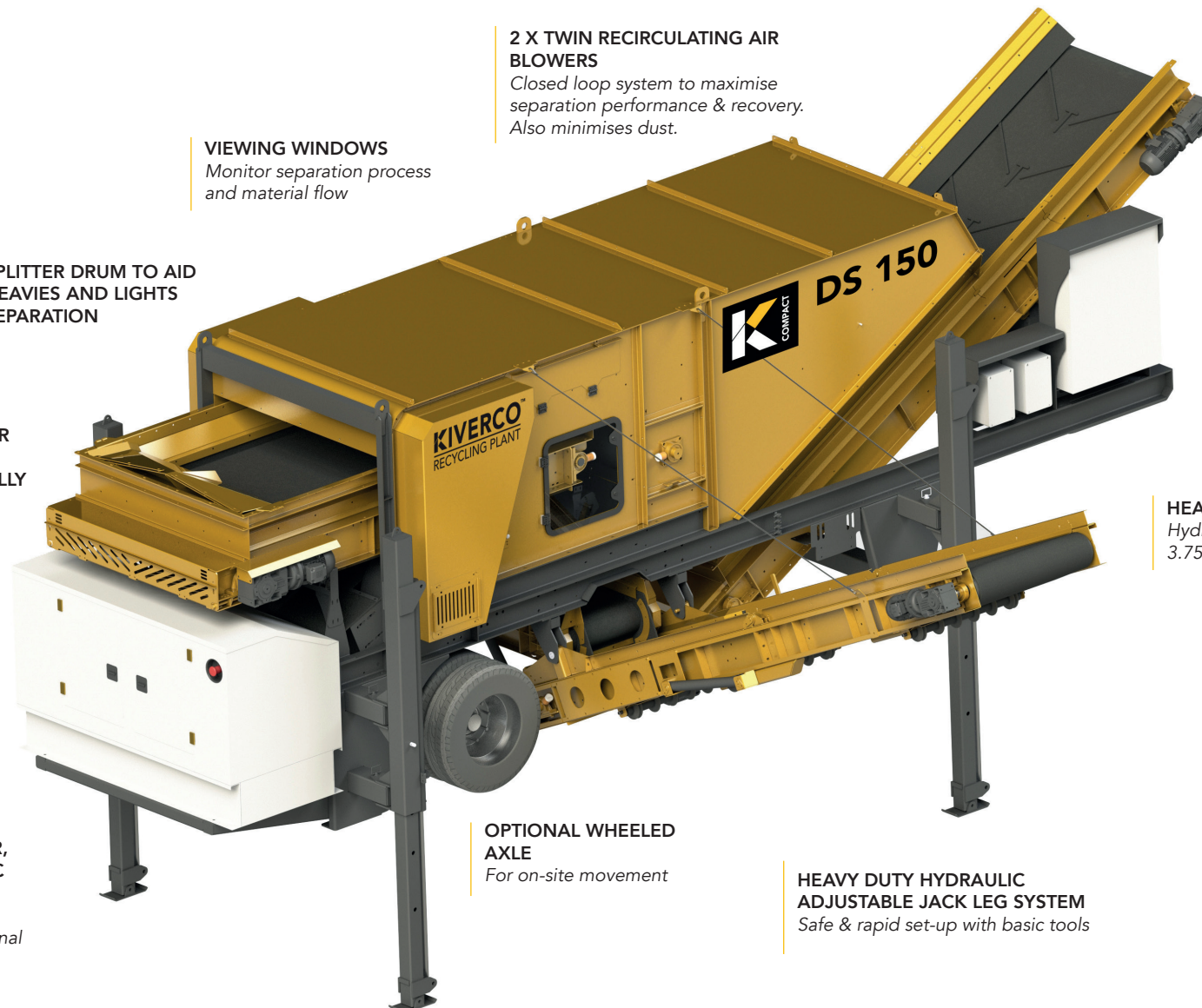
OPERATING DIMENSIONS

OPERATING LENGTH	9.2m	30.2ft
OPERATING WIDTH	7m	23ft
OPERATING HEIGHT	4.5m	14.8ft
WEIGHT	11,000kg	24,250lbs



DENSITY SEPARATOR

The Modular DS150 has been designed to efficiently separate material into usable fractions, using the latest in air separation technology. The self-contained DS 150 greatly reduces the amount of material that needs to be sent to landfill, delivering considerable savings in areas where landfill taxes and transport costs are high.



VIEWING WINDOWS
Monitor separation process and material flow

2 X TWIN RECIRCULATING AIR BLOWERS
Closed loop system to maximise separation performance & recovery. Also minimises dust.

LIGHTS CONVEYOR (1.2M)
Canopy
Discharge Height 4.0m

SPLITTER DRUM TO AID HEAVIES AND LIGHTS SEPARATION

ELECTRIC CONTROL PANEL WITH EXTERNALLY MOUNTED VSDS

IN FEED ACCELERATOR BELT (1500mm) ADJUSTABLE VERTICALLY AND HORIZONTALLY

HEAVIES CONVEYOR (1M)
Hydraulic folding
3.75m discharge height

INTEGRATED DIESEL/ELECTRIC GENERATOR, WITH MAINS ELECTRIC PLUG IN AVAILABLE
Offers complete independence, no external power source required

OPTIONAL WHEELED AXLE
For on-site movement

HEAVY DUTY HYDRAULIC ADJUSTABLE JACK LEG SYSTEM
Safe & rapid set-up with basic tools

OPTIONS

- Dual Power/Mains Changeover
- Site Modular Axle
- Impact Section
- Stainless Steel Splitter Drum
- Magnetic Head Drum on Conveyors

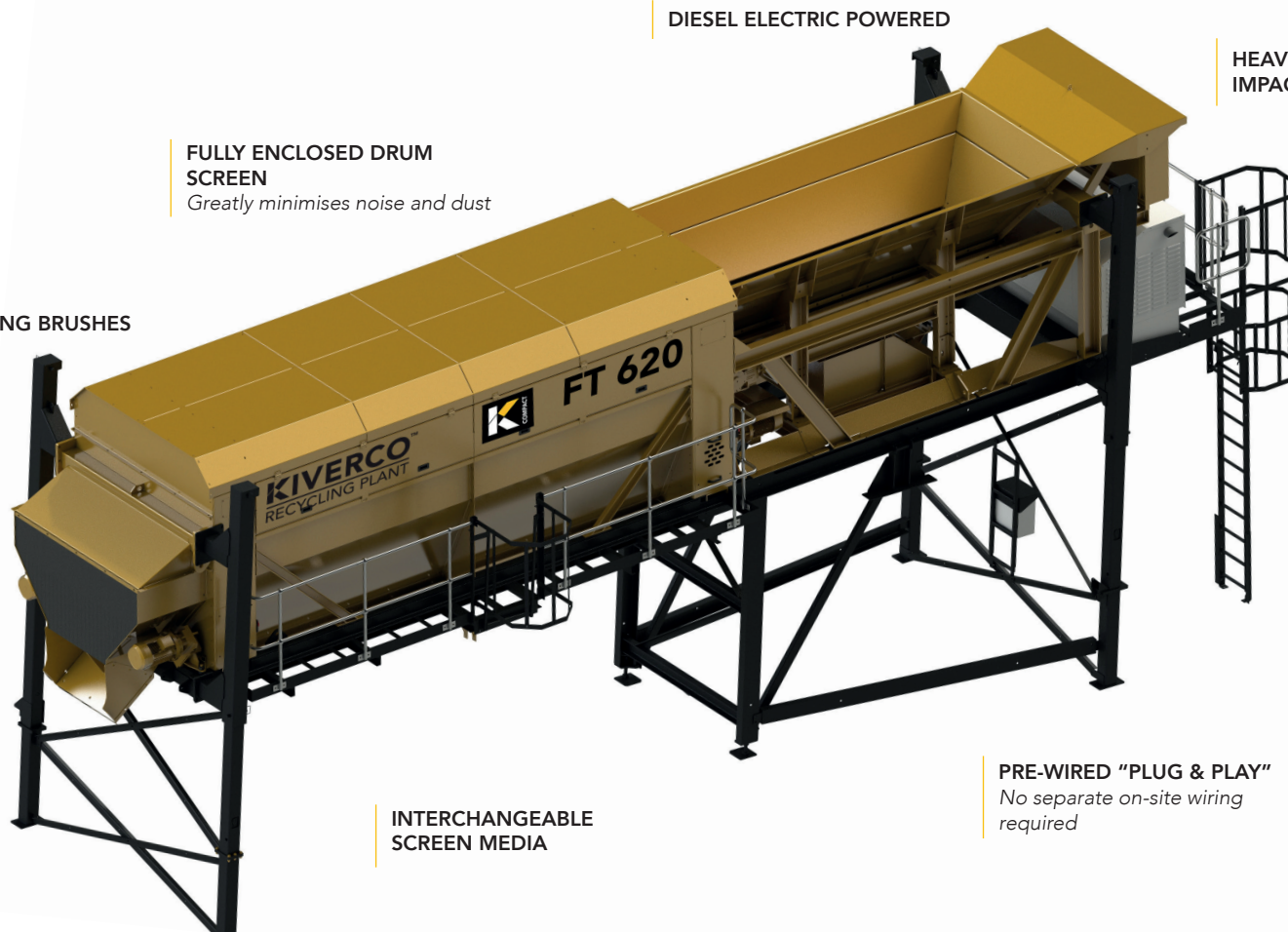


OPERATING DIMENSIONS

OPERATING LENGTH	14m	46ft
OPERATING WIDTH	4.1m	13.6ft
OPERATING HEIGHT	5.6m	18.4ft
OPERATING FEED HEIGHT	5m	16.4ft
WEIGHT	22,000kg	48,500lbs

FEEDER TROMMEL

The Modular FT Feeder Trommel combines fast, simple and safe on-site set-up capability with the already proven design and build quality of Kiverco's successful static plants, to give long lifespan, high performance and rugged reliability. The modular design enables ease of set up and rapid relocation if required. This innovative new design is truly adaptive, with 2 or 3 way split, and is ideal for use across a wide range of applications.



DIESEL ELECTRIC POWERED

**HEAVY DUTY FEEDER WITH
IMPACT PROTECTION**

**FULLY ENCLOSED DRUM
SCREEN**
Greatly minimises noise and dust

SCREEN CLEANING BRUSHES

**HEAVY DUTY HYDRAULIC
ADJUSTABLE JACK LEG
SYSTEM**
*Safe & rapid set-up with
basic tools*

**INTERCHANGEABLE
SCREEN MEDIA**

PRE-WIRED "PLUG & PLAY"
*No separate on-site wiring
required*

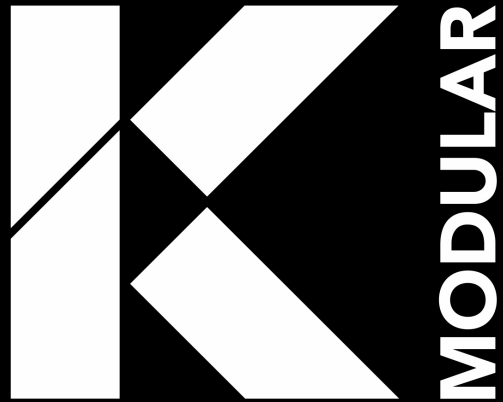
OPTIONS

- 2 or 3 Way Split Configuration
- Clean Fix Fan
- Radio Control
- Drum Discharge Dust Cover
- Dual Power/Mains Changeover
- Walkway at Side of Trommel

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Kiverco design, engineer and build a complete range of modular and static recycling plant for the waste processing industry. We supply customers throughout the world, with over 300 installations in the UK alone, alongside plants in Europe, North America, the Middle East and Australasia.



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BACKBONE**

www.kiverco.com

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