MOBILE WASTE RECOVERY

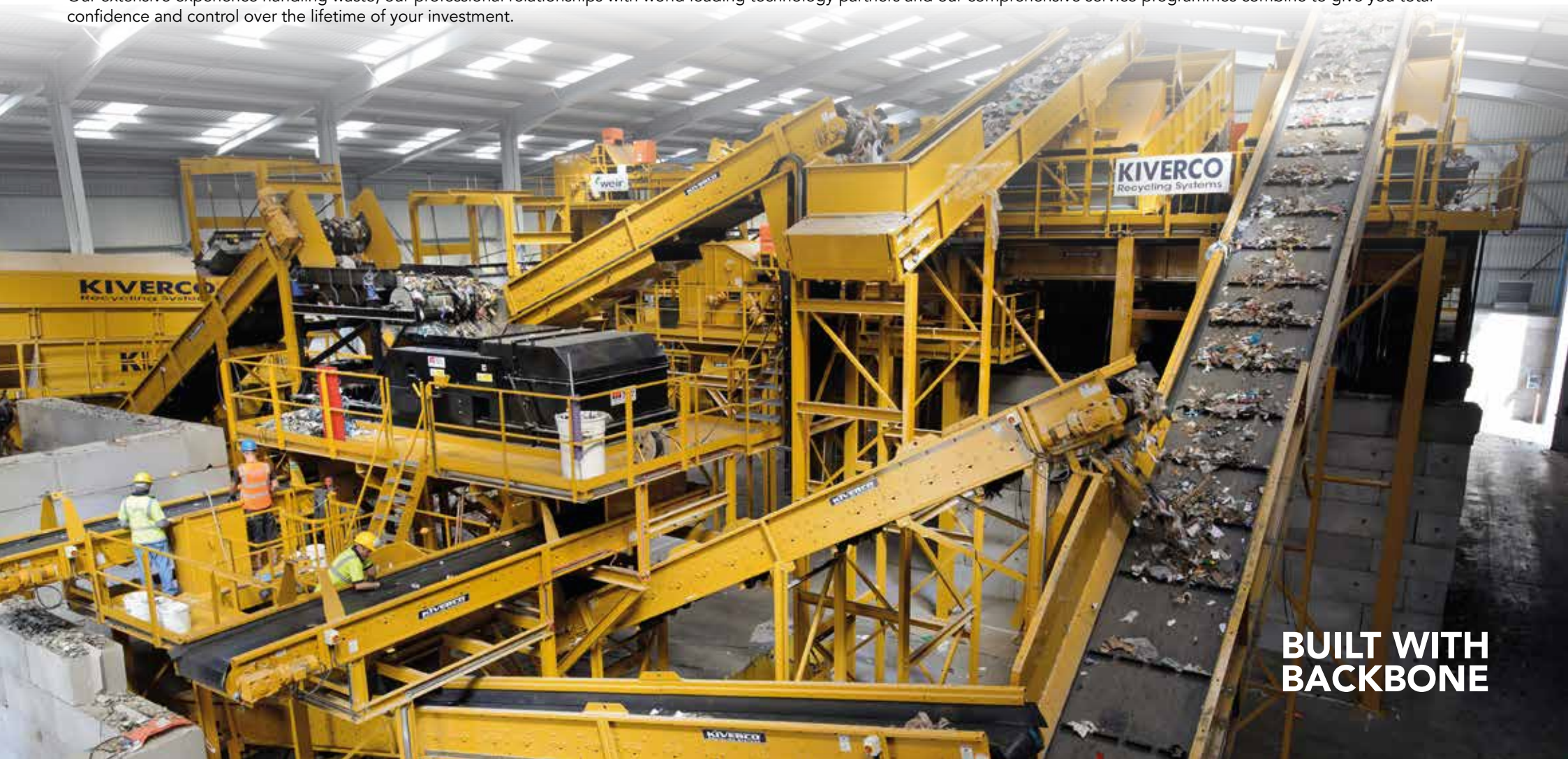
KIVERCO™
RECYCLING PLANT

# KIVERCO COMPACT 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 mobile 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 MOBILE RECYCLING RANGE

KIVERCO has developed the Compact Plant range. A mobile 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:

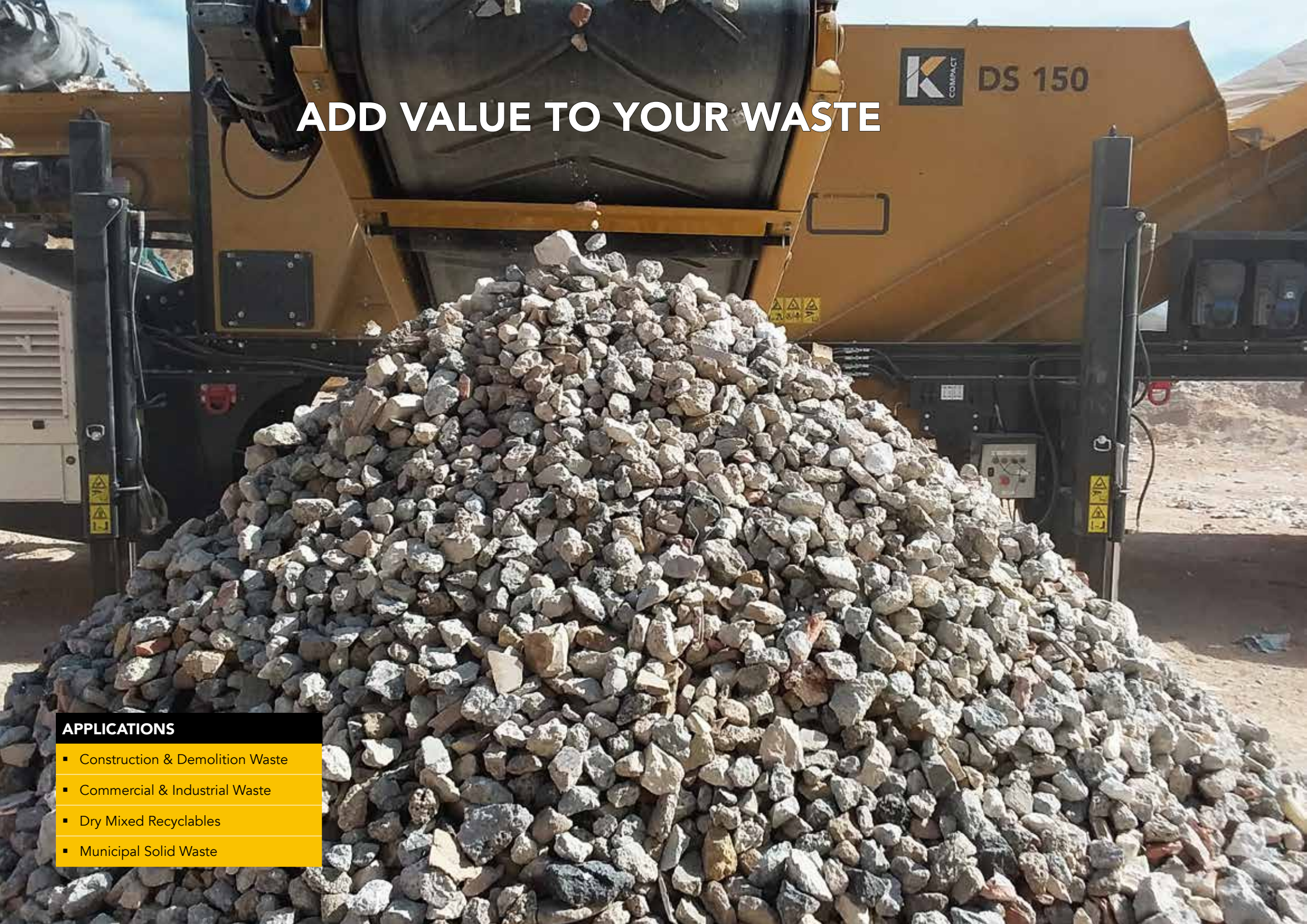
- Feeder Trommel
- Picking Station
- Density Separator

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 Compact Range can be used alongside other mobile equipment or can be combined to form **A COMPLETE RECYCLING SYSTEM**.

*DS150 Processing C&D Waste*

# ADD VALUE TO YOUR WASTE




## APPLICATIONS

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

# A COMPLETE RECYCLING PLANT...
# ...MADE MOBILE

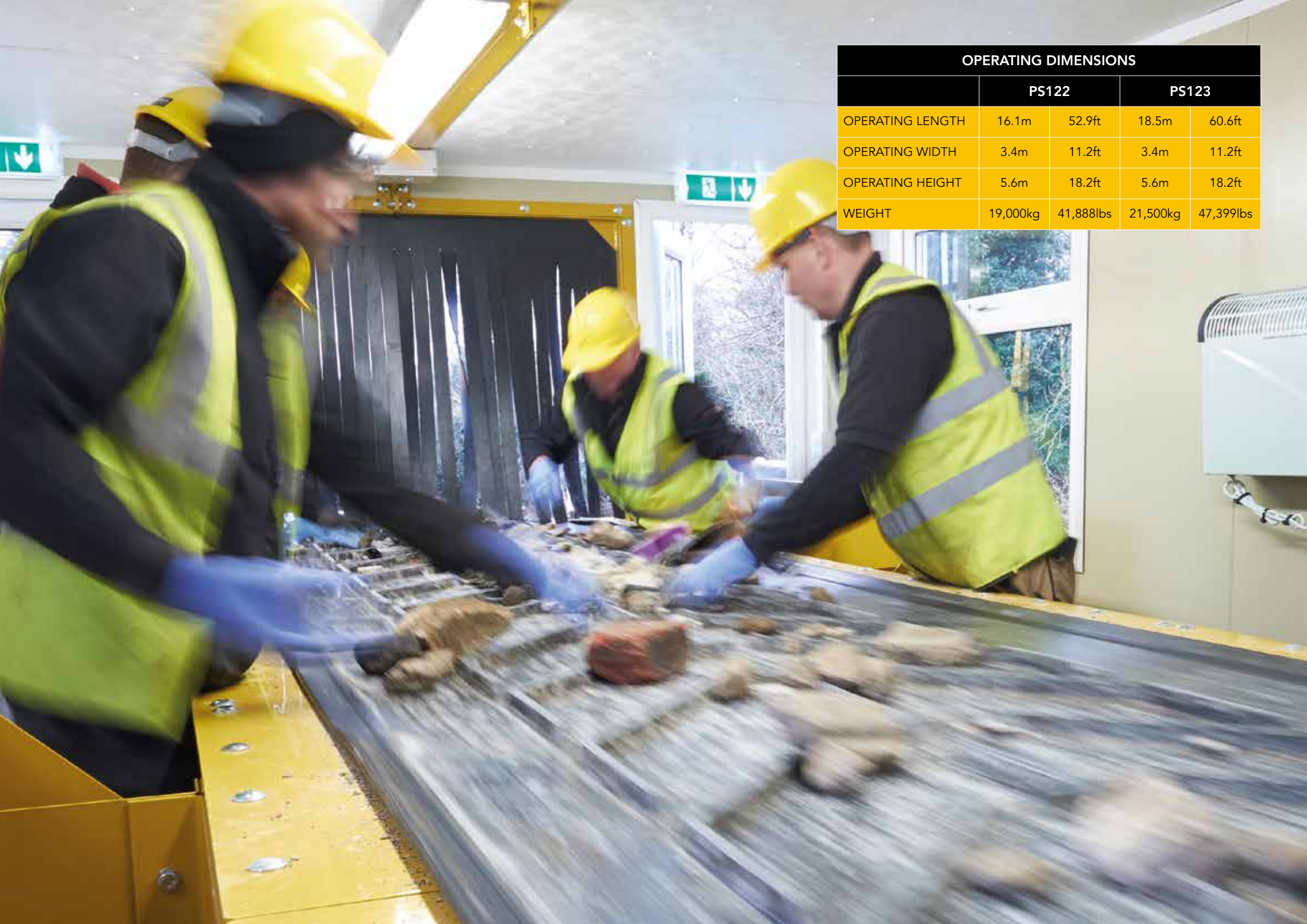
With the added advantage of mobility, this should also be of interest to **mobile contractors** or anyone working at a site on a temporary licence. This plant can be **ready to work within a few hours** of the equipment arriving on site. **NO CRANES ARE REQUIRED DURING SET-UP.**

**IDEALLY SUITED FOR:**

- Small & medium waste processing operators
- Mobile 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 compact 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 Compact 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 Compact PS offers unrivalled set-up simplicity, operator comfort, safety and environmental protection.

## NEW OPTION!

### FEEDER WITH IMPACT PROTECTION

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

**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*

**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*

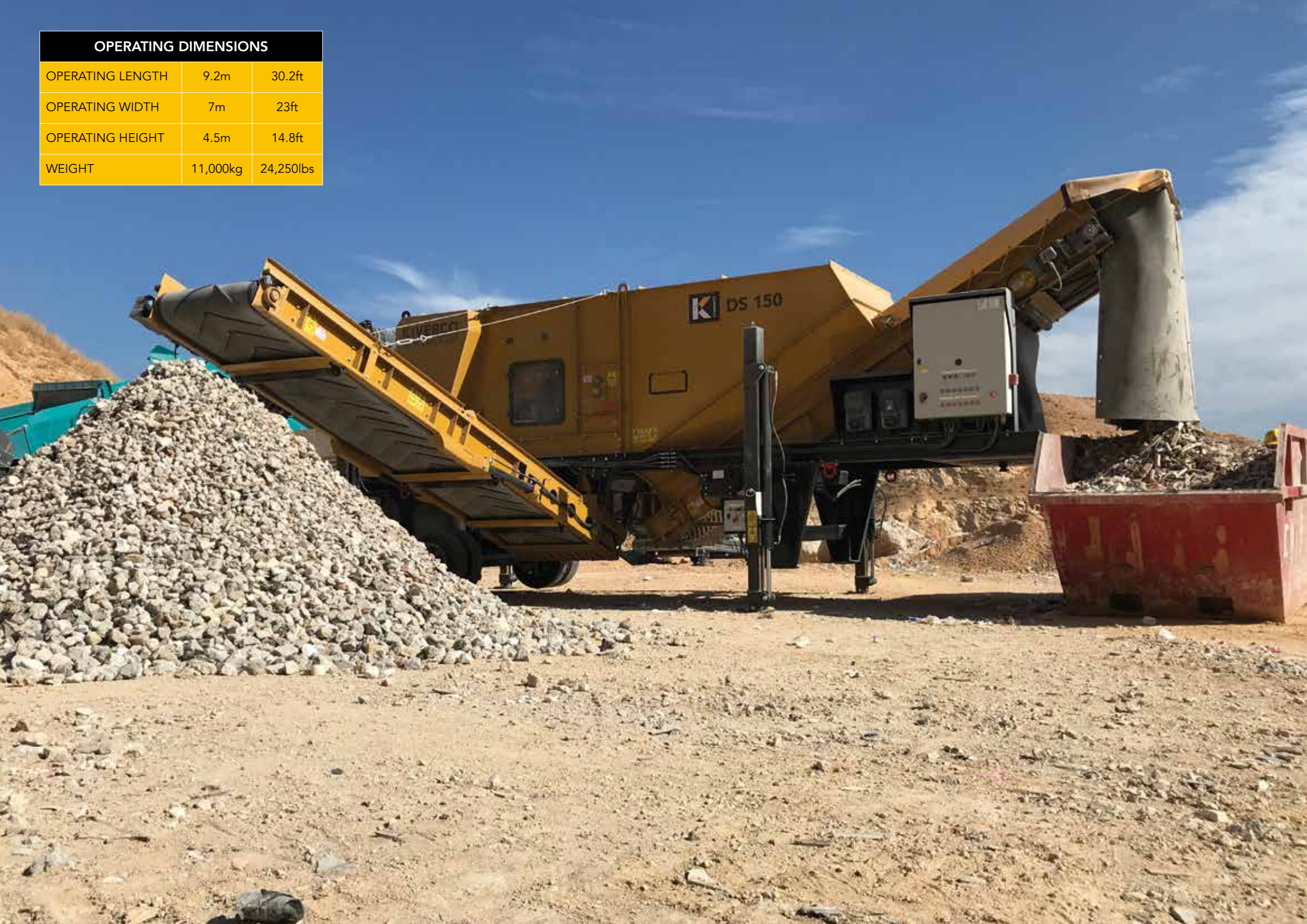
**HEAVY DUTY HYDRAULIC ADJUSTABLE JACK LEG SYSTEM**
*Safe & rapid set-up with basic tools*

## 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 Compact 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.

**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*

**VIEWING WINDOWS**
*Monitor separation process and material flow*

**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*

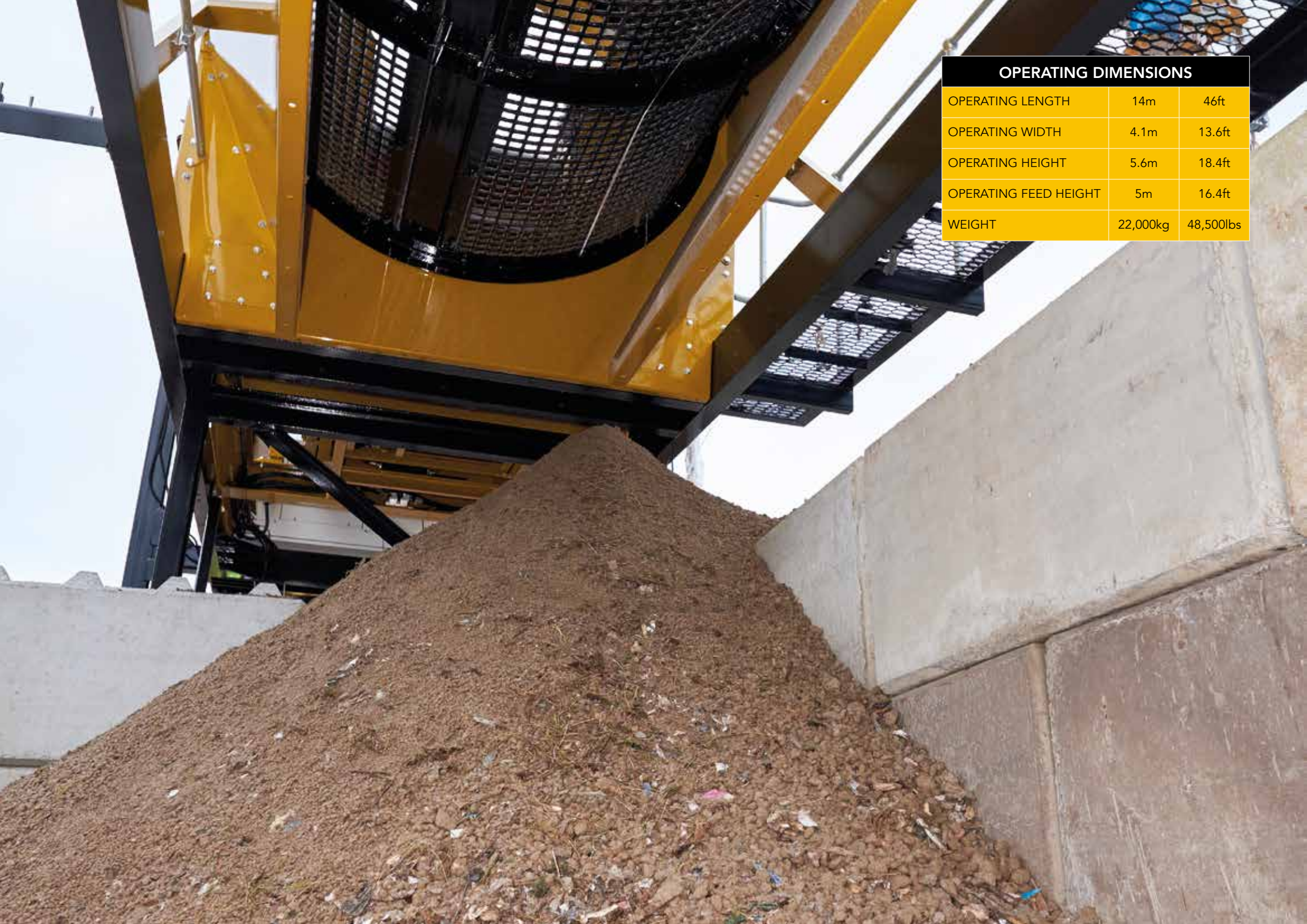
**INTEGRATED DIESEL/ ELECTRIC GENERATOR, WITH MAINS ELECTRIC PLUGIN AVAILABLE**
*Offers complete independence, no external power source required*

**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 Mobile 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 Compact 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 static recycling plant for the waste processing industry. We supply customers throughout the world, with over 250 installations in the UK alone, alongside plants in Europe, North America, the Middle East and Australasia.**

COMPACT

# BUILT WITH BACKBONE

www.kiverco.com

**YOUR LOCAL DISTRIBUTOR:**

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