

# Trommels take off

*‘Trommel’ — from the German word for drum*



Kiverco mobile trommel

**M**obile Screening & Crushing (MSC) NZ has been supplying mobile screening equipment to the New Zealand recycling markets for nearly 20-years. After ordering the first trommel screens in 2008, MSC had to demonstrate to its clients the numerous advantages of trommels for certain applications, with its most successful sales being through site demonstrations.

With the popularity of these mobile units over the past four-years, MSC saw a market for larger static trommel units. European supplier Kiverco Recycling Systems were highly recommended, and earlier in 2012, MSC met with the Kiverco team to view its products in the field and secure the dealership for New Zealand.

MSC's director Andy Meikle made the trip to Ireland to meet with the directors of Kiverco and while over there he was also able to view numerous recycling facilities that incorporated both the Kiverco static and mobile trommels. At these facilities, the trommel would take out the fines and from there the waste would go into a picking station for sorting (via both manual labour and by utilising specialised components; magneest, air knives, etc.) into various recyclable products — eg. wood, plastic metal.

## Why choose static over mobile trommels?

Every client's screening needs are different. Site location and access, raw product material, and of course, the end product requirements can vary widely from one client to the next. Static trommels have an advantage over mobile trommels in this respect, as they can be fully-customised to the client's individual site and product. At Kiverco every static recycling system is tailored to the client's unique recycling specifications. The company takes full advantage of cutting-edge technologies in producing a modern, up-to-date and efficient recycling plant.

A point of difference with the Kiverco team is that it understands the importance and significance of in-depth consultation, whilst developing clients recycling systems. It knows that it's essential to provide a platform

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Kiverco static trommel recycling system



Kiverco mobile trommel screening wood waste

for two-way communication from the early stages of idea conceptualisation, CAD design and manufacture right through to installation. Their commitment ensures the smooth operation and ultimately the success of the recycling systems.

Kiverco's static trommels are designed to be used alongside their other products to create a complete recycling system. Their additional components include:

- Belt feeders
- Pan feeders
- Conveyors
- Air knives (to remove liquid or debris from products as they travel on conveyors)
- Air separators (to separate out light material, eg. plastic bags)
- Overband magnets (to pick up metal)
- Wind sifters (to clean oversized screening product)
- Picking stations (for manual sorting of recycled product)

Kiverco recycling systems are built for a wide range of recycling industries including:

- Materials reclamation facilities (which separate and prepare recyclable materials for end-user manufacturers)

- Construction and demolition waste
- Commercial and industrial waste
- Wood waste processing

Having the Kiverco brand on-board gives MSC a complete range of screening equipment, small and large to offer its clients. The Kiverco range of static trommels offer large capacity units, ranging from a 6 x 11ft drum (KL611) to a 10 x 50ft drum (KL1050).

The materials recycling market has grown in New Zealand over the past 10-years and MSC has been able to sell and hire their screeners and trommel units into sites recycling soil and compost, wood waste, concrete, construction and demolition waste, palm kernel, soft garden products, gold mining, scrap steel, glass recycling, aggregate and road millings.

The team at MSC works closely with clients and takes the time to fine tune the machines it sells and hires out, so even when working with the most difficult applications the best possible results can be achieved. ■

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