

PROCESSING

POWER

Celebrating 20 years in the screening and crushing industry this year, Mobile Screening & Crushing Ltd (MSC) has always had a strong focus on being able to offer its clients the latest technology and best screening solutions available in the industry.



SEE THE VIDEO

“The Ministar+ bucket is currently on hire in Auckland, producing a throughput of approximately 45m³ per hour.”

The first units to arrive were a Ministar+ (eight- to 14-tonne excavator range) and a Rotastar 7 (15- to 25-tonne excavator range). Before the buckets even arrived, MSC had a demonstration lined up for the Rotastar 7. The client had hired trommels off MSC in the past for his topsoil application and was ‘hanging out’ for the bucket to arrive so he could trial it. By days end, the client confirmed his wish to purchase the Rotastar screening bucket.

The Ministar+ bucket is currently on hire in Auckland, producing a throughput of approximately 45m³ per hour. These units are very impressive in soil and compost applications.

Lloyd screening bucket range:

- Carrier weight: three- to 25-tonne excavators
- Output: 10-80 tonne per hour
- High output screening attachments for topsoil, compost and waste
- Unique rotary material flow, with no punching or crushing
- Low power requirement and no contamination from crushed material
- Flexible self-cleaning star elements with no chopping; exceptional for screening fragile materials like turf roots and compost
- Massive screening area with replaceable inner panels for machine longevity and shaft end discs for low running costs

Lloyd rotary bucket range:

- Carrier weight: six- to 25-tonne excavators
- Output: dependant on drum aperture and feed material
- Ideal for topsoil, waste, reclamation and recycling
- Range of aperture sizes available to suit different applications
- Simple rugged design
- Unique drum change system on the larger buckets, offering users the ability to produce varying sized materials throughout the day with ease



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“Clients often come to us with difficult applications, materials or sites, and we offer expert advice on the best machinery for their individual requirements. Earlier this year, after getting feedback from a number of clients, we found ourselves in a bit of a dilemma. We wondered how we could fill the gap in the demand for smaller screening unit to process soils, compost and aggregates, that was well priced – yet still able to fulfill contractors’ requirements for a quality product and acceptable throughput,” says Andy Meikle, MSC director.

“We, together with our current suppliers, investigated the viability of producing a

smaller trommel around the five-by-12-foot drum size, to fill this gap in the market.”

The problem MSC and its suppliers found was that any smaller, quality unit would not be far behind the retail price of the popular Anaconda TD516 trommel. It was decided the cost compared to throughput rates of a smaller unit were unviable.

“We then investigated other options that would fill that requirement,” says Meikle. “We decided to look into screening bucket attachments for excavators and loaders as an alternative.” After researching the market, two brands were singled out and meetings and site demonstrations were arranged in Europe.

LLOYD SCREENING BUCKETS

The first port of call was in Leominster, England. Here, Meikle met with Matt Lloyd, director of Lloyd Engineering, which manufactures a range of both STAR and ROTARY screening buckets. “Matt’s passion and knowledge of his products and their designated use was impressive,” says Meikle. “He was not afraid to demonstrate his equipment in a large range of very wet, difficult material. Most demonstrations I have attended have been in controlled environments. Matt had no control over the weather and wetness of the products trialed. I was impressed by what I witnessed and ordered units on the spot.”



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Lloyd rotary bucket in action