

# Mobile Integrated Screening Unit

## Compact and Versatile High Performance Screening

Designed and manufactured by Victorian company MISU Pty Ltd, the revolutionary Mobile Integrated Screening Unit (MISU) looks set to change the face of material screening in Australia.

With over 100 units already being utilised in a range of screening applications around Australia, the MISU is fast gaining a reputation for its cost-effective and versatile performance.

Perhaps not surprisingly, the key to the success of the MISU lies within its simple yet effective design which enables it to be used as a screening attachment for loaders and excavators.



- Designed to suit a range of applications and loader/excavator sizes, the MISU Mobile Integrated Screening Units are available with capacities ranging from 0.3m<sup>3</sup> to 3.2m<sup>3</sup>.

The concept for the MISU originated in Finland, where the exclusive worldwide rights were obtained by the Pietila family, owners of the Wodonga-based drainage and civil engineering company Nordcon. Formerly one of the largest owners of construction plant and equipment in Northern Victoria, the Pietila family were more than familiar with issues

relating to mobile screening and the many benefits that a unit such as the MISU would be able to offer to companies in the construction and environmental management sectors.

In 1998 the family established MISU Pty Ltd – providing the vehicle for the further development and manufacture of a range of screening solutions, including the Mobile Integrated Screening Unit. Working from the original concept, the MISU design was modified and enhanced to suit a range of Australian applications and loader/excavator sizes. The Company's manufacturing facility, which is also located in Wodonga (northern Victoria), now produces a range of units, with capacities ranging from 0.3m<sup>3</sup> through to 3.2 m<sup>3</sup>.

Attached to a loader or excavator in the same fashion as a standard bucket, the MISU features a series of rotor blades on shafts in the open end of the unit that move the material through the screen. The unit's spacers allow for a selection of screen sizes ranging from 20mm through to 120mm.

The MISU is suitable for screening a wide range of materials, including sand, soil, compost, wood chips, peat, manure, demolition material and clay, as well as a range of other wet and dry materials – many of which cannot be

- The MISU is attached to a loader or excavator in the same fashion as a standard bucket and can be used for screening a wide range of dry or wet materials.





screened using conventional methods. The MISU has proven to be extremely useful for tasks such as screening construction waste from topsoil, which not only prevents the removal of valuable clean topsoil from the site, but also results in significant reductions in waste material transport and disposal costs.

Several companies in the Australian waste management and resource recovery sectors are also using the MISU to screen and blend a range of organic materials, including compost, mulch and manure – removing unwanted debris and contaminants and producing a high quality, marketable finished product. In addition to its excellent screening performance, the unit's compact size and portability make it practical and affordable to use even on relatively small jobs.

For further information, please contact Mr Hugh Fairman, Operations Manager, MISU Pty Ltd, Ph: (02) 6024 3155, Fax: (02) 6024 3065 or e-Mail: nordcon@albury.net.au quoting **"Waste Disposal and Water Management in Australia"**.

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