

# The Mobile Rota-Loo

# The Facts

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**The *NEW* transportable sanitation system that combines functionality with comfort and mobility**

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The Mobile Rota-Loo was designed in response to the clearly identified need for an environmentally friendly transportable sanitation system. Combining the concepts and passive design technology of the Soltran Building™, the Rota-Loo composting toilet system, excess liquid evaporation tanks and a robust trailer mechanism we have achieved a more efficient and simplified system which can be conveniently towed anywhere a vehicle can go.

The Mobile Rota-Loo evolved from a request by one of Australia's largest wine growing companies to help them solve the problem of providing decent sanitation for their workers in the fields. The only systems previously available were chemical toilets, which invariably smelt and caused problems when it was time to be relocated or emptied.

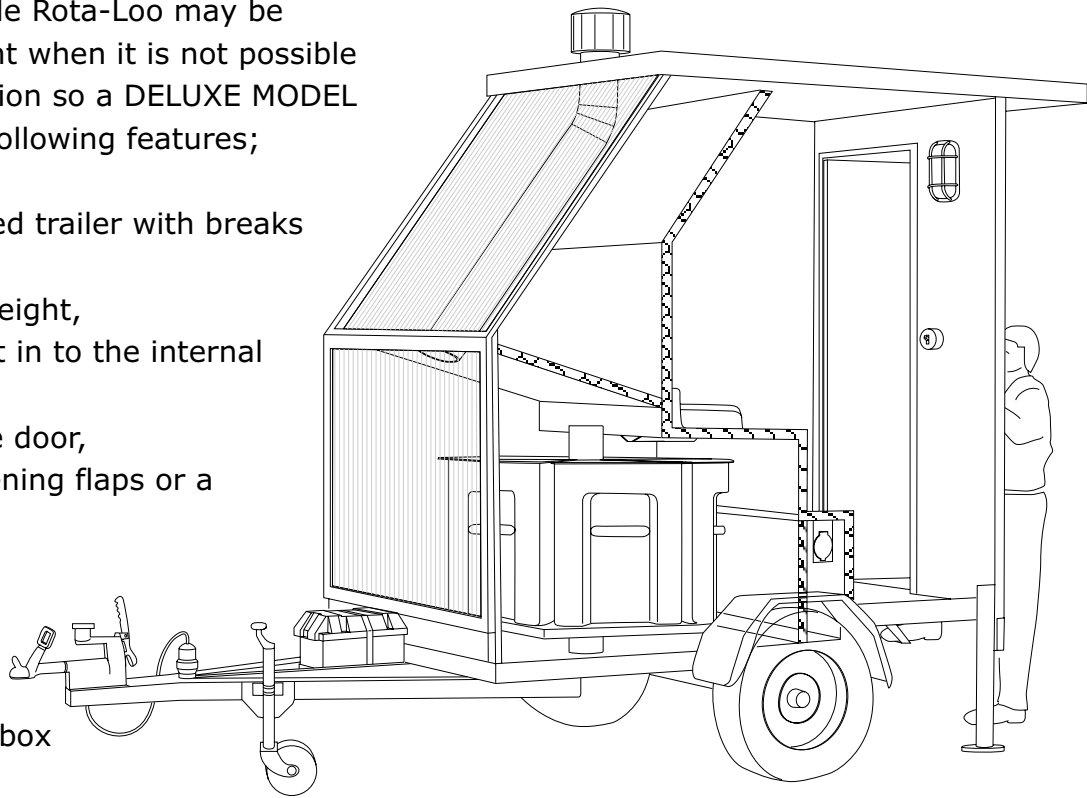
The material used in the construction of the Mobile Rota-Loo is a 50mm thick, light weight and thermally insulated panel which helps make the system an extremely efficient waterless composting toilet as it creates its own microclimate, providing all the necessary conditions for efficient composting with a rapid recombination rate and on odour. The design of the unit also creates its own passive venting system, this is done through thermal convection, thus eliminating the need for power or fans.





In some application the Mobile Rota-Loo may be required for operation at night when it is not possible to guarantee passive ventilation so a DELUXE MODEL has been designed with the following features;

1. Short and robust galvanised trailer with breaks and suspension,
2. Lowest possible physical height,
3. A watertank has been built in to the internal step with an outside tap,
4. Skylight mounted in to the door,
5. Pedestal seat with self opening flaps or a separating pedestal,
6. Internal bunker light with switch,
7. 12V fan mounted in the vent pipe,
8. External mounted battery box if power is required.



### **Sectional diagram of the *Transportable Rota-Loo***

A STANDARD MODEL is available without the electrical components or wiring and no water tank, and A BASIC MODEL designed to be air lifted onto remote walking track or as high altitude toilet facilities which can double as an emergency shelters, due to their insulated construction materials are also available without the trailer mechanism and mounted on skids.

Please check with your local distributor for current prices and call if you require additional information or if you have a specific project that could utilize this new direction in transportable sanitation systems



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