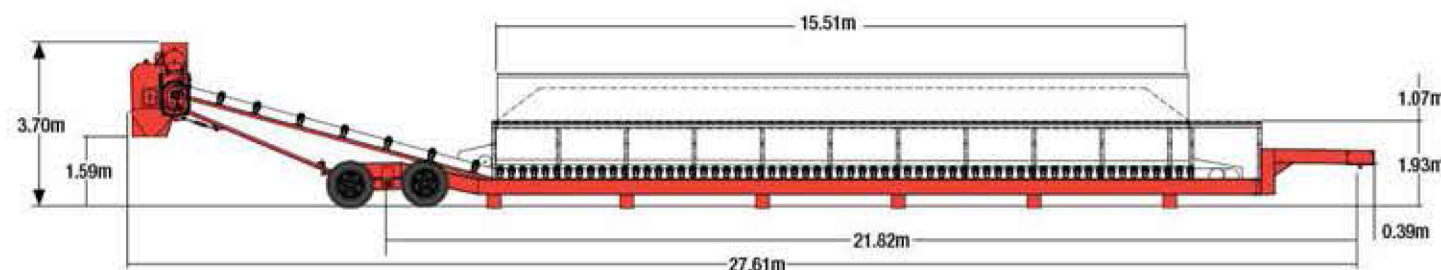


MCS Side Dump Truck Unloader



Masaba Inc and Mobile Conveying Services have worked together to develop the Side Dump Truck Unloader concept for Australia.

Its preliminary dimensions suit both on- and off-highway side dump trailers currently working in Australia.

This means that it has a broad range of potential applications in mining, civil construction and handling of bulk commodities where side dump trailers are currently used.

Mining

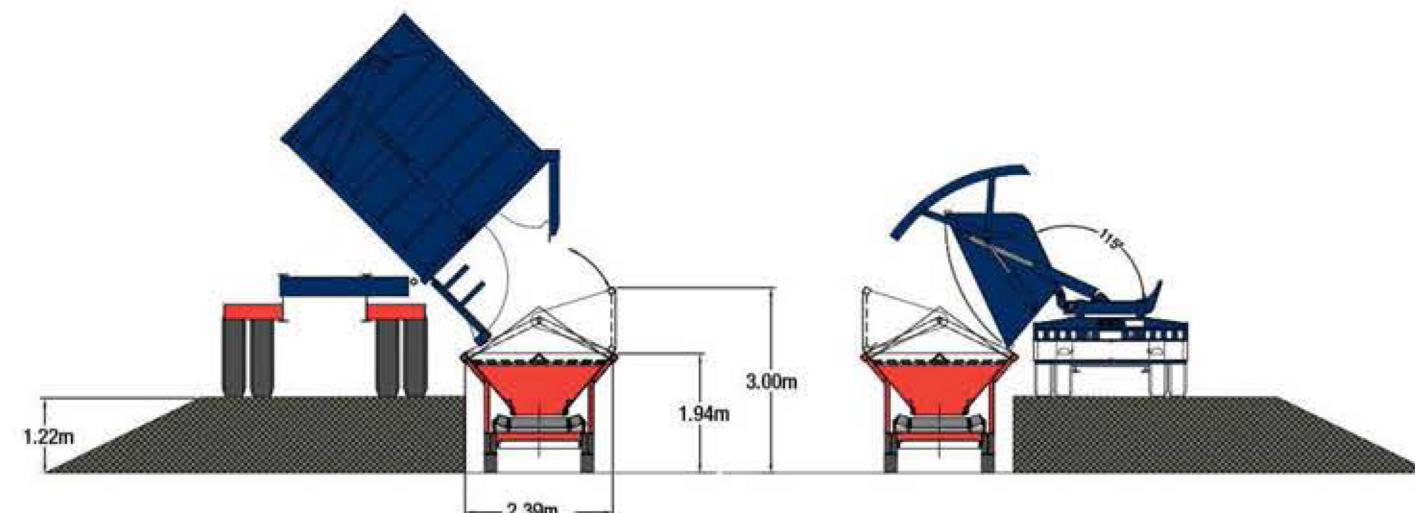
Applications include:

- ▶ Working with a magnum telescoping Conveyor to build stockpiles without double handling, as an alternative to dumping on the ground and pushing up with a dozer or loader
- ▶ Transferring material from a side dump trailer directly onto an overland conveyor
- ▶ Unloading direct from trailer and into short-term storage at a port as part of an integrated "Pit to Port" transport approach

Civil Construction

Applications include:

- ▶ Working with a magnum telescoping Conveyor to build stockpiles of material brought to side by side dump trailer without double handling, as an alternative to dumping on the ground and pushing up with a dozer or loader
- ▶ Working with a magnum telescoping Conveyor to quickly place material for levee banks
- ▶ Transferring material from side dump trailers to dump trucks more appropriate for use on site
- ▶ Transferring material from road transport to segregated storage areas for site batch plants



Shipping:

The masaba Side Dump Truck Unloader allows multiple trailer rigs to be used to economically transport bulk material to a general purpose wharf for shipping. It can be used to directly feed mobile conveying equipment being used for ship loading, or with other equipment to stockpile material at the wharf prior to loading. The use of this equipment minimises handling costs and maximises productivity, with material conveyed as quickly as it can be unloaded from the side dump trailers.

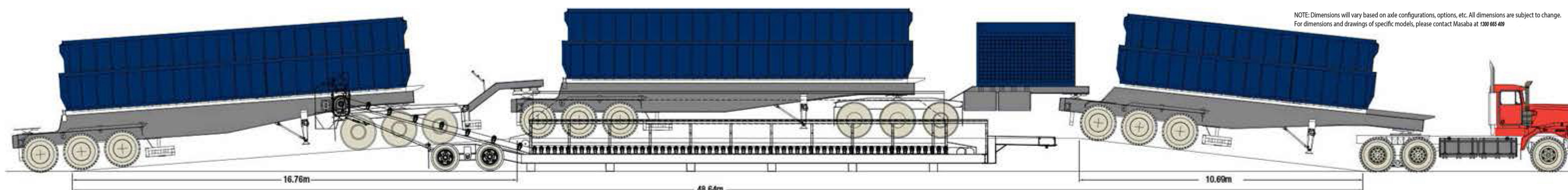


General:

The masaba Side Dump Truck Unloader should be viewed not just as a stand-alone machine but also as part of an integrated bulk handling system capable of high throughput at low cost. Conveying equipment has low operating costs compared to mobile equipment, and is continuous rather than cyclical in operation. Properly maintained, it is highly reliable and it requires a small operating footprint.

Other than the trucks feeding the unloader, there is no moving equipment in the work area. This simplifies safety management, particularly where a loop can be established for a trailer to enter the unloader from one side and continue in the same direction after discharging, so that there are no hazards from reversing equipment. Mobile Conveying Services can advise on the choice of equipment for an integrated bulk handling system.

Because it recognises that not everyone will wish to purchase this equipment, it offers a contracting service and in some situations, will consider equipment hire. This means that regardless of circumstance, handlers of bulk commodities can have access to the best mobile bulk handling solutions, and general purpose wharves can be used for bulk handling with minimal capital investment.



NOTE: Dimensions will vary based on axle configurations, options, etc. All dimensions are subject to change. For dimensions and drawings of specific models, please contact Masaba at 1300 665 409