

Operating Instructions

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Subject: **Retractable Skel Trailer**
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Retractable Skel Trailer

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DISCLAIMER:

These instructions are provided by MaxiTRANS Australia Pty Ltd (MaxiTRANS) for the purposes of assisting with the operation, repair or servicing of your Freighter or Maxi-CUBE trailer. Operation, repair or servicing of your Freighter or Maxi-CUBE trailer should only be undertaken by a person who has appropriate professional training and suitable qualifications. You are wholly responsible for ensuring that an appropriately qualified person is engaged to undertake the proposed work in respect of the Freighter or Maxi-CUBE trailer in a safe and diligent manner and with all appropriate equipment.

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Introduction:

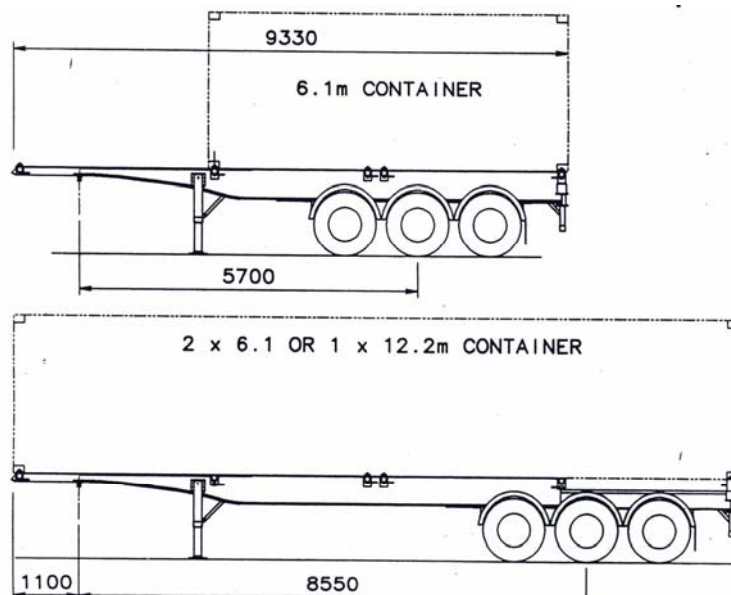
The MaxiTRANS Retractable Skel trailer is designed to allow it to carry a single 6.1m (20') heavy container in the centre of the trailer, a 12.2m (40') container, or 2 x 6.1m (20') light containers. (subject to local transport regulations)

To load and carry these containers, the suspension is required to be moved to one of three positions.

The closed (fully retracted) suspension position is only used for dock loading of a centrally-positioned container.

The intermediate suspension position is used for travel with a centrally-positioned heavy container.

The extended suspension position is used when carrying 1 x 12.2m or 2x 6.1m containers.



The suspension is locked into position by spring-loaded pins that are retracted by air cylinders. With the trailer brakes applied and the locking pins released, the suspension position is adjusted by driving the prime mover forwards or backwards as required. The suspension slides on non-lubricated nylon wear strips.

Safety notes:

1. Caution: Keep clear of “Pins are not engaged flag” which extends when the pins are released.
2. The hinged rear pedestals must be locked down prior to retracting (shortening) the trailer.
3. Do not exceed 5kph in the prime mover when adjusting the trailer length.
4. Do not tow the trailer until the lock pins are engaged (ie when the warning flag is no longer visible).

Operation:

(Note – prior to retracting (shortening) the trailer, ensure that the rear twist lock pedestals are locked in the down position)

To extend or retract the suspension position:

1. Push in the Lock Pin Release Valve (located between the first and second mudguards on the driver’s side (right hand side) of the trailer).
2. When the pins are released, a warning flag with a decal “Pins are not Engaged” extends from a bracket in front of the first mudguard on the right hand side.
3. With the trailer brakes applied, drive the prime mover in the desired direction to extend or retract. Do NOT exceed 5 kph.
4. The lock pins will automatically “trip” to lock into position. Slight forward or rearward movement may be necessary to allow the pins to fully engage. The warning flag will not retract until the pins are fully engaged.



Lock Pin Release Valve



Warning Flag

Locking Pin engaged

Locking Pin released

Before retracting (shortening) trailer, ensure that the hinged rear pedestal is locked down



Do not exceed 5kph in the prime mover when adjusting the trailer length

Colin Baldock
Engineering Manager