



# OPERATION OF CS 5T CONTAINER OFF-LOADING DEVICE

## Introduction

The CS 5T Off-Loading Device is designed to lift and lower containers from flatbed vehicles, to allow low speed movement with additional static supports and levelling feet for use when on the ground.

## Specification

Each CS 5T Off Loading Device comprises the following parts:

- 4 no. Corner column tubes with fixing brackets
- 4 no. Winch type jacking arms
- 4 no. Rack tubes
- 4 no. Support feet
- 4 no. Wheels (optional)

Maximum lift height:	1750mm
Maximum payload:	5000kg
Maximum load per leg:	2500 kg
Weight per leg:	140 kg
Elevation per revolution of the handle:	3.9mm
Maximum angle from horizontal of vehicle during off loading:	15°
Maximum wind speed for safe use:	48 km/hr

## Operation

The column tubes are attached to the container, to either the ISO corners or the alternate fixing points with the brackets supplied.

The rack legs are attached to the column tubes via 1 of the 2 sets of fixing holes on the jacking arms, either at the bottom or mid point of the column tube.

The position of the rack legs must be such that the carrier vehicle will not touch them when moving. The position of the jacking arm can be varied in the horizontal plane in increments of 45° and fixed in position using locking pins.

The jacking arm incorporates an automatic security brake and clutch that stops the movement of the container at any point.

Manual winding on the jacking arms will raise or lower the container. Care must be taken to ensure the container does not incline more than 2° across its width (approximately 8cm for container 2.2m wide) and 2° along its length (approximately 15cm for container 4.5m long), see sketch below.

When the container has been raised sufficiently the carrier vehicle should be driven out with extreme care. The container should then be lowered down sufficiently to allow the wheels or static supports to be fixed into the bases of the column tubes. The container can then be lowered until supported on the wheels or static feet. The rack tubes and jacking arms can then be removed or folded against the container sides.

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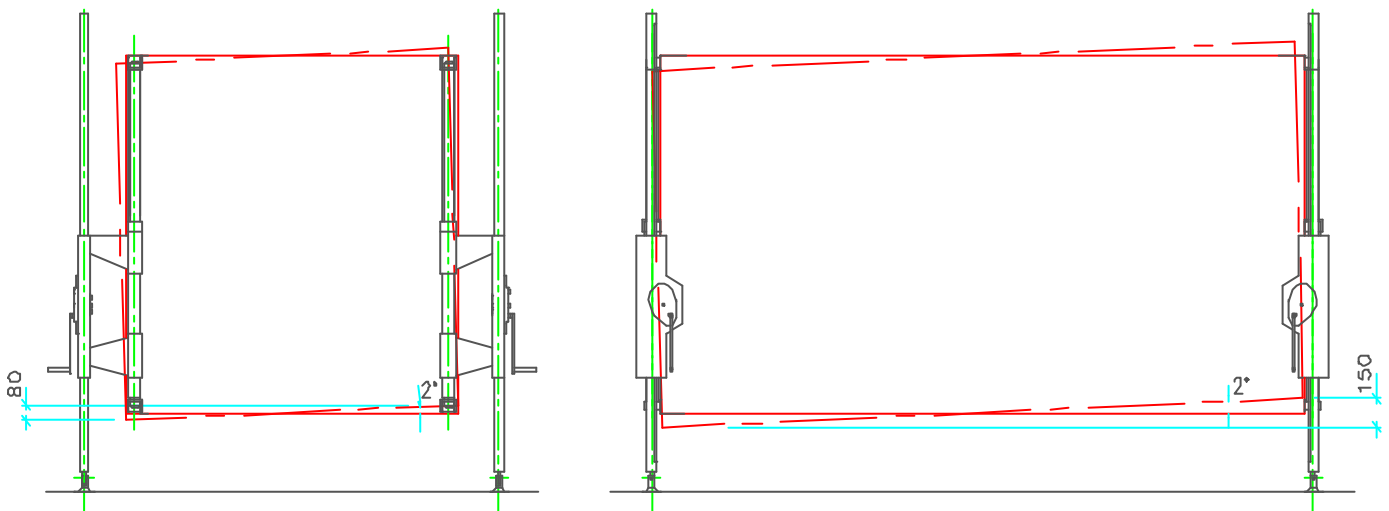
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## Safety

No person should be in the container during raising or lowering.  
Raising or lowering should only be carried out on firm ground.  
No person should pass under the container when raised up.

## Stowage

When not in use the mobility device can be removed or folded and locked in position against the back of the container.



MAXIMUM INCLINATION  
WITH SHELTER WIDTH  
OF 2.2m=80mm

MAXIMUM INCLINATION  
WITH SHELTER LENGTH  
OF 4.5m=150mm

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