

Superior safety, greater stability, faster transfers
light tare chassis, enduring reliability

SWINGLIFT®

Lattice Chassis



The original Swinglift® container side loader design has been a market leader in Australasia since the 1970's.

With its original patented design Swinglift® has become an international icon in the market and Swinglifts' famous Leg-Over® concept has become a valued industry safety requirement that others now use in their products.

Safety and stability

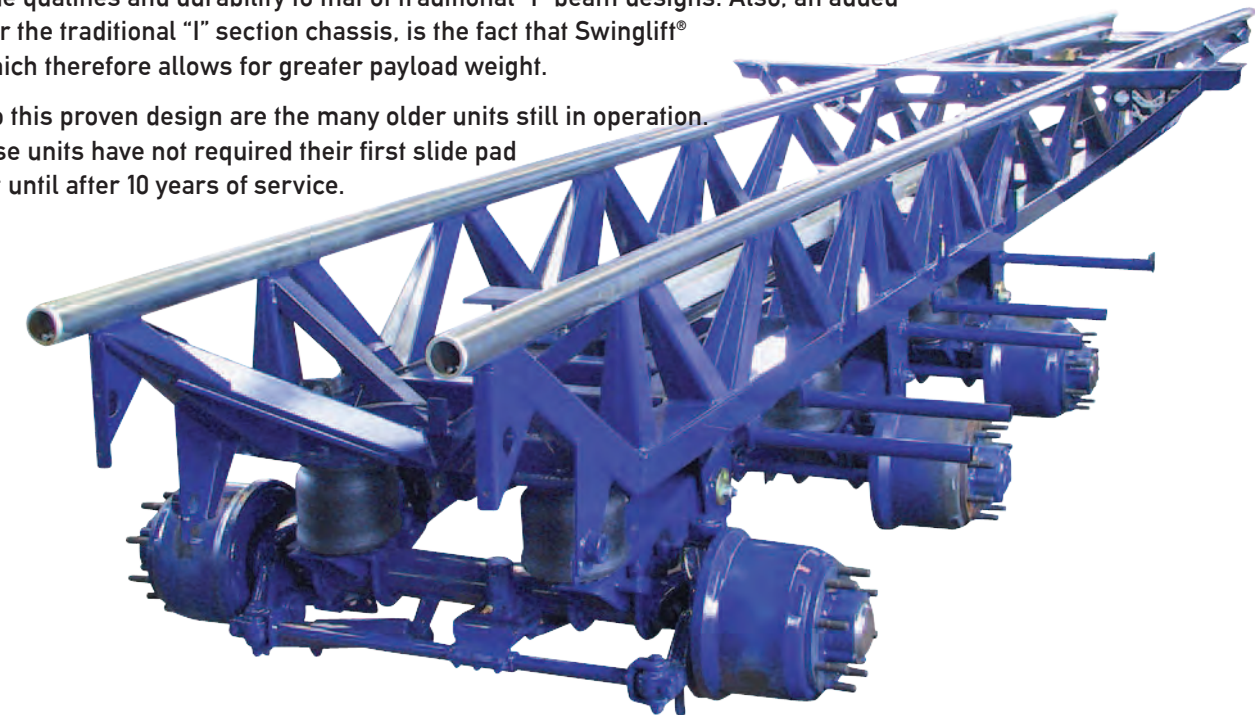
Swinglift® has been the most stable container side loader in the industry. Its original Leg-Over® design offers greater stability than other manufacturers "fulcrum type" leg designs and most reasonable sloping terrain is handled with ease. The Leg-Over® design ensures that there is no uplift on the chassis and the Swinglift® stabiliser arms also provide a complete safety barrier between the operator and the container.



Light tare lattice chassis

The Swinglift® unique lattice chassis design is very strong and its hard chromed slide rails offer superior slide qualities and durability to that of traditional "I" beam designs. Also, an added strength over the traditional "I" section chassis, is the fact that Swinglift® is lighter, which therefore allows for greater payload weight.

Testament to this proven design are the many older units still in operation. Some of these units have not required their first slide pad replacement until after 10 years of service.



Once you've owned a **SWINGLIFT®** you won't want any other side loader!

Faster transfer speed

Swinglift® allows faster transfer from itself to an adjacent vehicle, regardless of whether the Swinglift® is loaded or not. The Swinglift® stabiliser legs do not have to rest anywhere on the adjacent vehicle's chassis, deck or transmission, thus eliminating potential damage to the adjacent vehicle.

The completely independent Leg-Over® assemblies allow efficient loading of rail wagons and transfers to either the ground, dock, rail or another vehicle, all of which can be carried out safely by the Swinglift® without the likelihood of "tip over".

The Swinglift® simply extends its stabilisers over the loaded adjacent vehicle and lifts, swings and places the container.

The adjacent vehicle is then able to be driven away without the need to fold the Swinglifts' Leg-Over® stabilisers away, and the container then simply placed on the ground while the adjacent vehicle is already on its way to another job. So much time is saved by not having to first unload the container already on the Swinglift®, due to the fact that the stabiliser legs do not have to be folded away. The container from the adjacent vehicle can simply be left safely hanging from the Swinglift® Lift Modules.



Tubular slide rails

The Swinglift® Lift Modules move easily on tubular slide rails specially designed and hard chromed to virtually prevent wear caused by road grit, tar and dust deposits. This reduces maintenance costs and downtime of the Swinglift® which in turn increases on-road productivity.

Two robust hydraulic cylinders reposition the container Lift Modules for 20 foot and 40 foot containers.

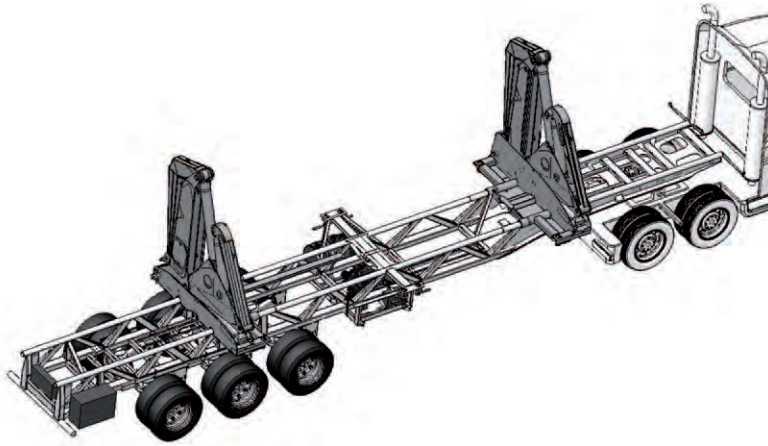
The container Lift Modules are mounted on generous self lubricating bushes which run dry on the chrome plated circular hollow sections which form the semi-trailer top rails. Repositioning takes one minute.



Design Standards

Dependant on the designated country Swinglift® complies in general with the following standards for a lift rating of a container of 17,500 kg per end i.e. a 35,000kg* balanced container. *HC4020-35 model

- AS1418.11-2007 Cranes, Hoists and Winches Part 11: Vehicle-loading cranes
- AS2550.11-2004 Cranes, Hoists and Winches - Safe Use - Vehicle-loading cranes



General construction & painting

The Lift Modules and Chassis are constructed from high strength steel for a tare weight of 8,800 kg*, while also retaining very high fatigue strength. All steelwork is abrasive grit blasted and finished to a high standard with two-pack paint, in fleet colours.

*Tare weight is subject to final specification.

Included equipment

Included on all Swinglift® container side loaders is a photo sensor (magic eye) for easy alignment of the vehicle alongside a container. Container joiners are provided for joining of 2 x 20 foot containers. Local regulation LED lighting; two adjustable LED floodlights for visibility when reversing at night and four LED working lights to illuminate the twistlocks are also standard equipment. This standard equipment also includes toolbox; pneumatic and electrical coupling and plastic registration holders.

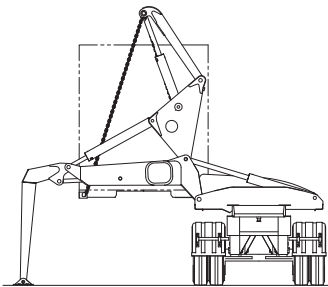
Optional equipment

Auxiliary power unit (APU) complete with powerful 68hp Yanmar engine on independent sub frame assembly.

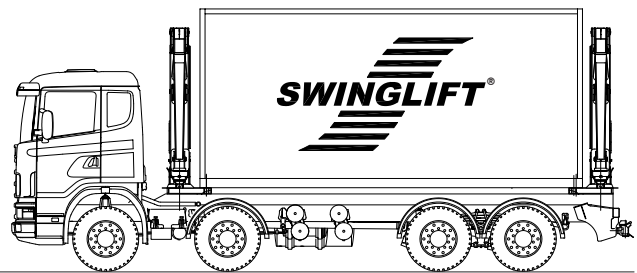
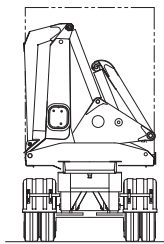
Weigh system options available to suit your application and budget.

Other options can be accommodated to suit your requirements.

Swinglift® reserves the right to change or modify specifications at any time without notice.



HC4020 END VIEWS



HC20 Truck mounted

HC4020

Containers: 1 x 40', 1 x 20', 2 x 20', 2 x 10', 1 x 25'

Lifting capacity: Up to 35T or 40T models available

Chassis options: Lattice or I-Beam

Fixed length trailer with lift modules sliding in or out to suit container length.

HC4520

Containers: 1 x 20', 1 x 40', 1 x 45', 1 x 25', 2 x 20', 2 x 10'

Lifting capacity: Up to 35T or 40T

Chassis options: Lattice or I-Beam

Fixed length trailer with lift modules sliding in or out to suit container length.

HC20

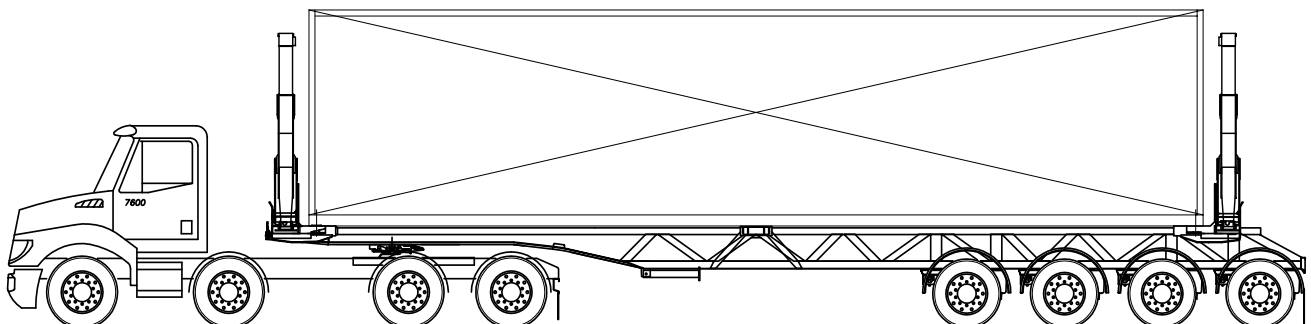
Containers: 1 x 20'

Lifting capacity: Up to 35T or 40T models available

Chassis options: I-Beam

Fixed length I-Beam with fixed chassis position lift modules.

Model also available for fixed 40' containers.



HC4020 - Quad axle

Swinglift New Zealand

150 View Road,
Rotorua, New Zealand
Telephone + 64 7 348 7746

Don Patchell + 64 21 220 2900
Mark Janssen + 64 21 350 000

www.swinglift.co.nz

Swinglift Australia Pty Limited

PO Box 5474, Wollongong,
NSW, 2520, Australia
Telephone + 61 1300 880 372

Gordon Dyson + 61 488 200 809
Tony Ardouin + 61 488 288 960

www.swinglift.net.au

