


Superior safety, greater stability
Faster transfers, enduring reliability

SWINGLIFT®

Light tare I-Beam chassis



www.swinglift.net.au

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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 I-Beam chassis

The Swinglift® I-Beam chassis is constructed from ultra high strength tensile steel giving a low tare weight.

Finite element analysis utilising the latest software by the Swinglift® in-house design team ensures high fatigue strength.

The Lift Modules move easily on flat self lubricating Nylon wear pads to suit the I-Beam chassis giving smooth and fast movement when sliding back and forth between 20' and 40' positions.



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.



Benefits of a Swinglift

- Low tare weight means higher payload therefore greater profit.
- Proven design and quality engineering.
- Ultimate stability when lifting containers whether 6 ton or 40 ton.
- Ability to load and unload containers while the Swinglift itself is loaded with a container, leading to more container movements.
- Induction hardened pivot pins are expanded into their mounts to prevent movement which causes wear.
- Hardened steel bushes minimize wear and provide a longer service than bronze, Teflon or similar materials therefore providing longer service.
- Container alignment system for fast truck to container alignment.

High Lift - Double Stack

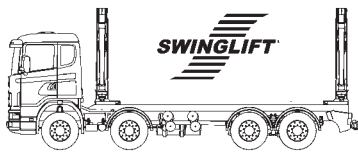
Swinglifts' High Lift Leg-Over® design option although heavier than the preferred light tare in-line Swinglift® gives the operator the ability to double stack containers.



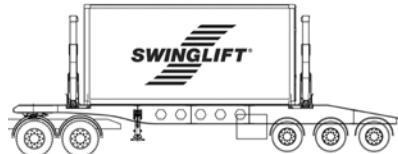
Design Standards

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

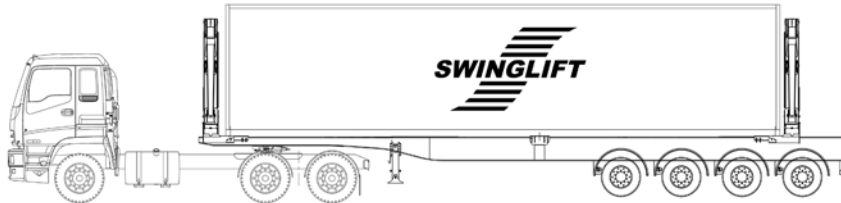
- AS1418.11-2007 Cranes, Hoists and Winches Part 11: Vehicle-loading cranes
- AS2550.11-2004 Cranes, Hoists and Winches - Safe Use - Vehicle-loading cranes



HC20 Truck mounted



HC20 Trailer mounted



HC4020/HC4520

General Construction & Painting

The Lift Modules and Chassis are constructed from high strength steel for a tare weight of 9140 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.

*This is the lightest tare available however this 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.

Trilifter

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

Lifting capacity: 12T

Chassis options: I-Beam

Three fixed lift modules with telescoping legs and scissor action Jib assemblies.

SL20 Minilift

Containers: 1 x 20'

Lifting capacity: 12T

Chassis options: Truck mounted (SL20M) or

Demountable option (SL20DM).

Telescoping legs and side by side Jib assemblies.

HC20

Containers: 1 x 20'

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

Chassis options: I-Beam

Fixed length trailer chassis fitted with "fixed in position" lift modules.

Model also available for fixed 40' containers.

Truck mounted option also available up to 35T.

HC4020

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

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

Chassis options: I-Beam or Lattice

Fixed length trailer with lift modules sliding into position to suit the required container length.

Double Stacker SL4020-DS

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

Lifting capacity: 12T to 40T models available

Chassis options: I-Beam or Lattice

Fixed length trailer with lift modules sliding into position to suit the required container length.

HC4520

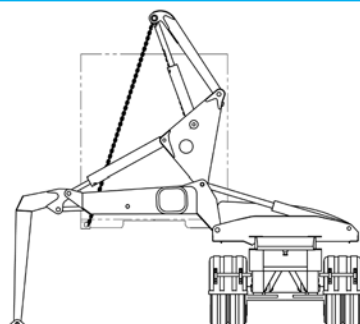
Containers: 1 x 20', 1 x 40', 1 x 45', 2 x 20', 2 x 10', 1 x 25'

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

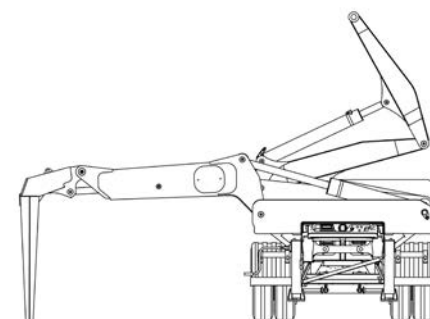
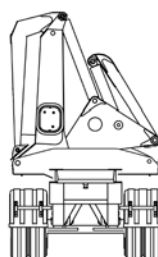
Chassis options: I-Beam or Lattice

Fixed length trailer with lift modules sliding into position to suit the required container length.

Other Options include Road Train and B-Doubles.



HC4020 END VIEW - IN LINE



SL4020-DS (HIGH LIFT DOUBLE STACKER) END VIEWS - SIDE BY SIDE

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