



Secondary Safety System

- Manual System using ladder and chains.
- Manual System using a lever located inside the cabin.
- Automatic System that can be Mechanical or Electric.



In the telescopic version the main spreader must be ready to telescope while the twist locks are closed.

**SAFETY
FACTOR
10**



100% CONTINUOUS WELDS
100% CERTIFIED WELDERS

Description

The model BA-323 is a lashing cage gondola type, designed to improve the safety of the stevedores, to facilitate the access to the twistlocks, and to reduce the time used for unloading the vessels.

The main advantage of this type of safety cage is that, by having a very small space between gondolas, the operational height of the basket is maximized, thus being able to serve higher boats.

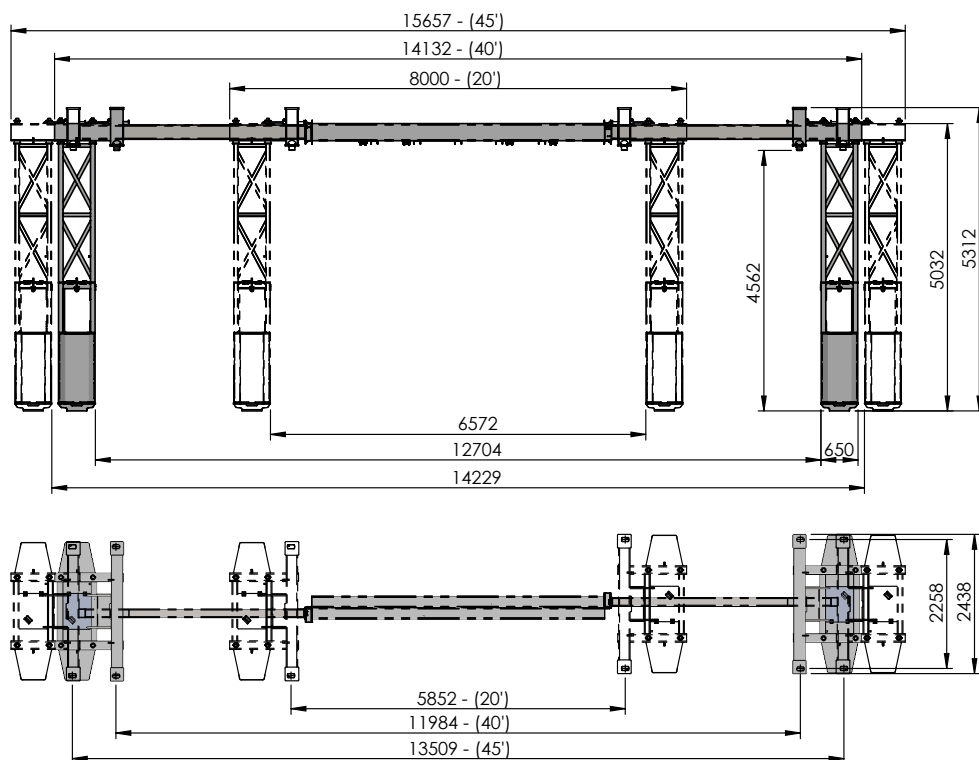
Several versions exist, all of them share the feature of two cabins, one at each side of the structure:

Equipped with extra safety system - chains

- Fixed (20', 40', 45') or Telescopic (20' - 40' - 45')
- Safety doors
- Parking stand as an Opt
- Ready to be delivered inside a 40ft FCL

Main Common Technical Specifications

- Safety factor 10 ($MBL = SWL \times 10$)
- Safe working load (SWL) = 0.5t.
- Designed for up to two stevedores with complete equipment per cabin.
- Free height 2100mm.
- Guard-rails and Hand-rails along the whole perimeter ;;
- All doors for stevedores open inwards and are equipped with hinges with springs, autoclose & autolock system.
- Anti-slip floor with drainage spots.
- 2 anchor points according to EN795 per cabin placed behind the working positions for fall protection
- Adequate for use at temperature to -20°C y relative humidity up to 100%.
- Painting system: Shot blasting Sa 2.5 + Shop-primer Zinc Sylicate 30mu + Top Coating Epoxi 150mu
- Raised floor to avoid entrapment.



Rules and regulations

- INSHT NTP 1083: Portainer crane. Coupled platforms: safety
- Norm I.L.O. for prevention of occupational hazards
- Publication of O.I.T: "Safety and Health in the Ports" Edition 2005.
- ICHCA: Container Top Safety Research Paper 4 -1999 e ICHCA: Safe working on container ships/1994.
- European Directive 2009/104/CE.
- European Directive 2001/95/CE.
- UNE-EN 14502-1.

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Optional Equipment

- Actuator pole pockets
- Different Cabin sizes
- Extra upper guide flippers
- Electrical Pack
- Silent Blocks
- Solid Bumpers
- Lower Rubber pads
- C5M painting scheme

Documentation

- Load Test Certificate.
- Safety procedures list for secure use.
- Identification Plate with a unique serial number for traceability
- Certificate of quality for the safety hooks and chains
- Very clear Assembly Instructions



follow this link to watch a 3D
Animation of the BA-323



This safety cage can be delivered
inside a 40ft HC Container.

