

# SC

## Construction hoist **Armada H65**

Scanclimber Armada is a simple, robust, and reliable construction hoist. It was designed to be a cost effective solution for demanding customers. It may not have all the extras of most of our expensive hoists, but it does the vertical lifting job reliably and well. Armada is a mid-range personnel and material transportation hoist that can carry a payload of up to 2 tonnes at a time. Armada is a design of Scanclimber quality hoists with new components that simplify the hoist and make it a cost effective and very reliable product.

SC2032-65VL is the model in Scanclimber Armada hoists category.



# SCANCLIMBER®

# Armada H65

## Introduction

**ARMADA PERSONNEL AND MATERIAL HOIST** offers a flexible and optimal transport system for materials and personnel with a spacious cage capable of reaching high-rise buildings and other tall structures.

**THE ROBUST H65 MAST SYSTEM** stands on a stable ground station and is easily assembled with the help of an auxiliary crane or by hand with an optional mast assembly crane.

**ARMADA HOISTS PROVIDE** reliability, flexibility, safety, productivity, low energy consumption and low cost of ownership, making it a profitable investment for construction and rental companies.

**WITH THE LOAD CAPACITY** of up to 2000 kg and an operating speed of 54 m/min, Armada has the capability to cope with diverse and challenging construction projects.

## Bus Bar cable system

**ARMADA HOISTS COME** as a valuable package which can be utilized for different kind of construction projects.

**ARMADA HOISTS HAVE** a special Bus Bar electric power distribution system. It replaces expensive electrical cabling trolleys and systems often used in construction hoists. Bus Bars are fixed to the mast. Power distribution of the hoist is built at the same time as the Armada mast is erected. The Bus Bar system increases reliability and saves installation time by simplifying the hoist erection process.

## Strong mast reduces set up time

**WITH A CLIMBING RATE** of 54 meters per minute, the Scanclimber Armada hoist is faster to ascend than most other hoists on the market in its economical price range, but it is also fast to set up. The stable mast is today approved for a maximum anchoring distance of 12 meters, which may be extended to 21 meters. These features increase labor efficiency and reduce erection time in a safe working environment.

**SPECIAL CONDITIONS** on construction sites and different fields of application require flexible and applicable height access technology. In order to be one step ahead of the developments of the global economy, and with additional focus on demanding markets, Scanclimber is constantly working to provide solutions offering high customer value.



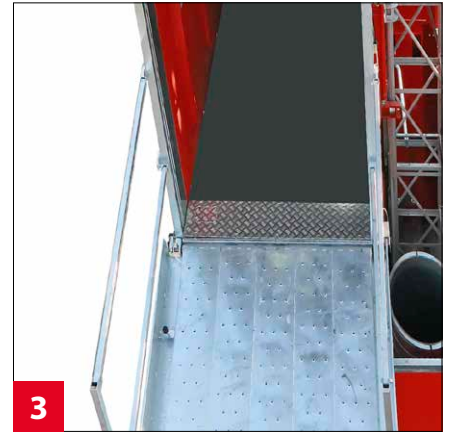




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## Details

### Safety brake

**1 THE HOIST'S SAFETY BRAKE** ensures that in case of a drive unit breakdown, the cage will not fall down. A mechanical, spring-loaded safety brake is a standard safety feature in Armada hoists. It improves the safety and reliability of the hoist in everyday use. The safety brake is well protected from dirt and dust and is practically maintenance-free.

### Cage

**2 THE STANDARD CAGE** size of an Armada hoist is 32 (3.2 m x 1.5 m). The Armada hoist can be equipped with front door (A) and back door (B). Both front and back doors are 1.5 m wide.

### Ramp

**3 A RAMP** is available as an option for Armada hoists. The back door (B) of the cage can be equipped with a manual ramp to enable access to the building.

### Frequency controller

**4 THE SCANCLIMBER ARMADA** hoist is always equipped with a frequency controller (FC). The frequency controlled motor gives smooth starting and stopping with low starting current and less wear and tear – so ensuring an extended lifetime.

### Ground station

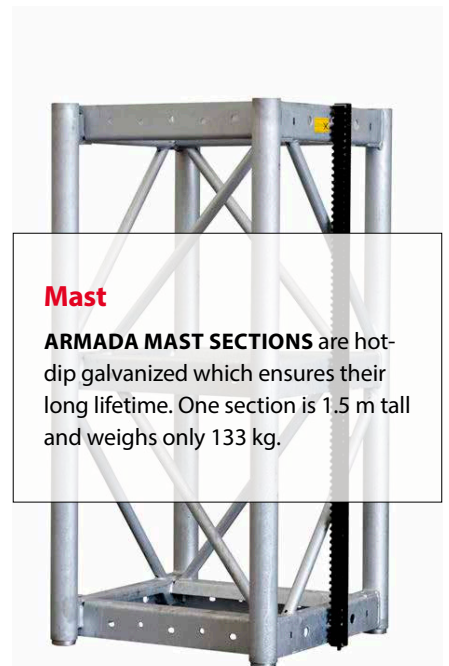
**5 ARMADA HAS A LIGHT** ground station, typically bolted onto a concrete or similar slab. The handedness of cage can be chosen. The standard Armada ground station is equipped with one front door.

### Landing gates and doors

**6 DIFFERENT LANDING GATES** and doors are available for the Armada hoist. Most of the Scanclimber manufactured gates or doors are compatible with Armada. Scanclimber hoist doors are reliable, flexible and can be adjusted according to different requirements and environments. All the gates and floors are equipped with an interlocking system.

### Mast

**ARMADA MAST SECTIONS** are hot-dip galvanized which ensures their long lifetime. One section is 1.5 m tall and weighs only 133 kg.





# Technical Data

Features	SC2032-65VL
Payload	2000 kg
Cage internal length	3200 mm
Cage internal width x height	1510 x 2040 mm
Speed	54 m/min
Single or twin cage version	YES
Lifting motors: - Mid-speed 54 m/min	YES
Power supply voltage	400 V / 50 Hz
Top drive lifting unit	YES
Overspeed safety device	YES
Max. lifting height, with anchored mast	200 m (higher on request)
Anchoring distance	Approved to 12 m (21 m on request)
Mast section - height	1.5 m
Operation temperature	-25...+40° C



Scanclimber is the world's technology leader in mast climbing equipment for both temporary and permanent installations. The company has its corporate head office in Pirkkala, Finland, and manufacturing in Gniezno, Poland.

The company employs more than 200 people in Europe and Asia. Scanclimber creates value for its customers with high quality, reliable and flexible vertical access solutions.

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