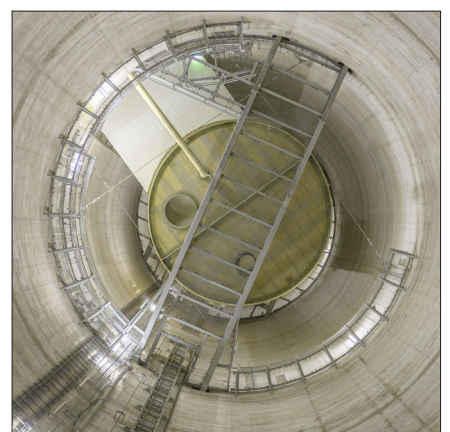




Light-weight industrial hoists **Product family**

Industrial hoists (special purpose elevators or permanent hoists) are widely used in various industries to vertically transport personnel, materials and tools. Our light-weight industrial hoists provide a fast and convenient way to carry smaller payloads of personnel and materials vertically in demanding conditions such as at bridges, harbours, mines, silos, power plants and ship building.



SCANCLIMBER®
by Tractel®

Industrial Hoists

Introduction

SCANCLIMBER PROVIDES special purpose hoists for multiple applications in several industrial sectors, including those with hazardous area classifications. Each light-weight hoist is designed to meet the requirements of a specific location and its environment, and are available with capacities from 300 up to 700 kilograms.

Industrial hoist advantages

- long life expectancy
- simple installation
- great lifting height achievability
- easy implementation of structural modifications during installation
- no enclosed shaft needed
- indoor and outdoor use
- customisability

Industries

SCANCLIMBER'S INDUSTRIAL HOISTS are used in many different industries. Hoists help users to access, monitor and service key processes in their sites and plants. Our industrial hoists are developed to withstand the harsh conditions in very demanding environments.

SC INDUSTRIAL HOISTS HAVE PROVEN USEFUL in many industrial environments like:

- Bridges
- Cement and lime industry
- Chemical plants
- Metal and steel plants
- Oil & gas industry
- Mining
- Ports and harbours
- Power plants
- Shipyards
- Storage silos
- Pulp and paper industry
- Industrial automation

THE INDUSTRIAL HOIST FAMILY is a flexible and upgradable transport system for people, materials and tools, with a spacious hoist cage up to a lifting height of 200 m.



ALL MODELS ARE MODULAR and provide reliability and low cost of ownership, making it a profitable investment in a range of industries.

WITH A LOAD CAPACITY from 300 kg up to 700 kg and lifting speed from 36 to 60 m/min, robust and reliable Scanclimber light-weight hoists can serve you in different industrial applications anywhere in the world.

Configurations

THE MODULAR SYSTEM allows you to choose the required configuration with special features and characteristics. The hoist family offers different cage sizes, speed options and payload capacities. Additionally, there is a wide variety of landing doors and mast anchoring systems.

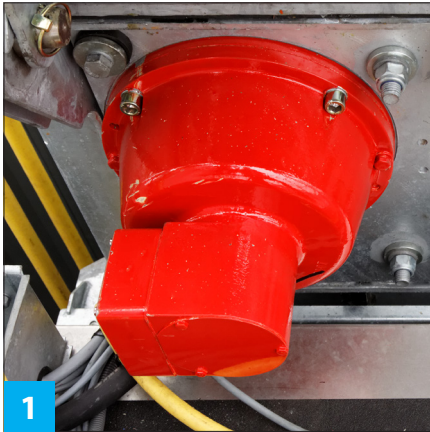
More power, less power consumption

SCANCLIMBER'S INDUSTRIAL HOISTS can be equipped with a frequency control unit (VFC), with closed-loop, which gives very smooth starting and stopping with low starting current and less wear and tear.

Different masts for different uses

A MAST CAN BE CHOSEN according to the installation space. Special conditions may require a very small hoist footprint. Then, narrow two-pipe or four-pipe masts can be used. When heavier payloads and long anchoring distances are required, industrial hoists can be erected with a 650x650 rigid mast. This allows the maximum anchoring distance of 10 meters.

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 competitors, Scanclimber is constantly working to improve and modify the machines.



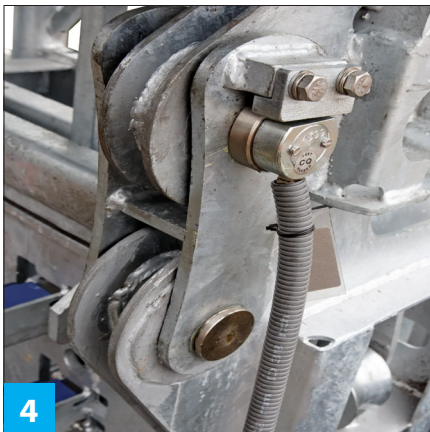
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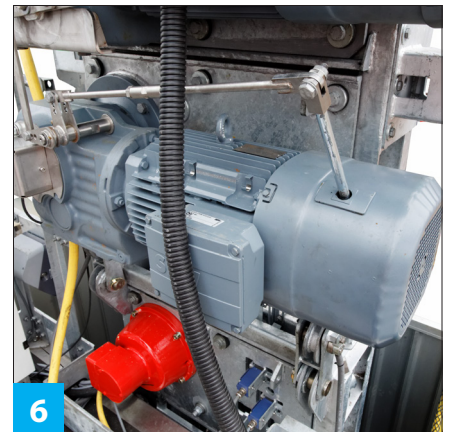
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Details

Safety brake

1 THE SAFETY BRAKE ensures that even in a complete breakdown of the drive unit, the cage will not fall down. A mechanical, spring-loaded safety brake is a standard safety feature in every model. It improves the safety and reliability of the hoist in everyday use. The long-lasting safety brake is well protected from dirt and dust and is practically maintenance-free.

Cage

2 HOIST CAGES are available in several sizes and different door positions. The smallest cage's internal footprint size is 780x1010 mm with a height of 2090 mm. But since the hoist design is modular, the width and depth of the cage can be grown in increments of 120 mm. The largest internal dimensions of the cage being 1020x1730 mm. A front door (A), back door (B) and big side door (C) are available.

Cable trolley system

3 A CABLE TROLLEY SYSTEM guides the electrical cable, allowing it to run smoothly while the cage is travelling.

Overload prevention

4 THE HOIST is equipped with an overload control system, preventing the use of the hoist if it is overloaded by more than 10% above its nominal capacity.

Ground Station

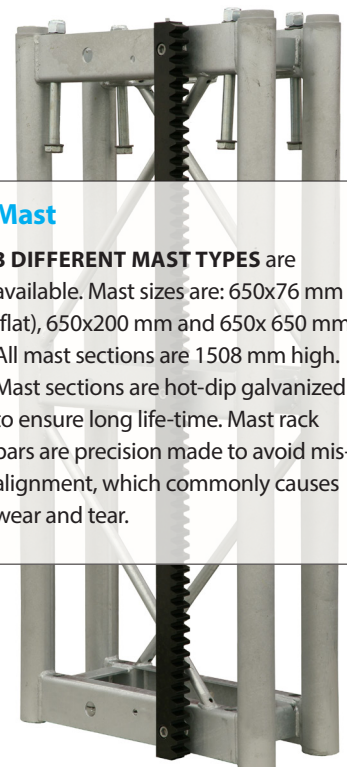
5 THE GROUND STATION is bolted on a concrete or similar foundation. The standard ground station is equipped with one (A) door but there are optionally available a back door (B) and a wider side door (C).

Motors

6 THE LIGHT-WEIGHT industrial hoist is available in two drive systems. With two gear motors when the capacities are from 300 to 700 kilograms and with one gear motor with capacities from 300 to 400 kilograms.

Mast

3 DIFFERENT MAST TYPES are available. Mast sizes are: 650x76 mm (flat), 650x200 mm and 650x 650 mm. All mast sections are 1508 mm high. Mast sections are hot-dip galvanized to ensure long life-time. Mast rack bars are precision made to avoid misalignment, which commonly causes wear and tear.



Technical Data

	SC300K	SC400K	SC500K	SC600K	SC700K
Payload	300 kg 3 persons	400 kg 5 persons	500 kg 6 persons	600 kg 8 persons	700 kg 9 persons
Speed	36 – 60 m/min	36 – 60 m/min	36 – 60 m/min	36 – 60 m/min	36 – 60 m/min
Lifting height	≤ 200 m	≤ 200 m	≤ 200 m	≤ 200 m	≤ 200 m
Cage dimensions - internal	780 x 1010 mm	900 x 1130 mm	1020 x 1250 mm	1020 x 1490 mm	1020 x 1730 mm
Safety device	x	x	x	x	x
Power supply - voltage	400 VAC, 50 Hz *)	400 VAC, 50 Hz *)	400 VAC, 50 Hz *)	400 VAC, 50 Hz *)	400 VAC, 50 Hz *)
Mast section, hot-dip galvanised	3 different mast types, depends on the height and anchoring distance	3 different mast types, depends on the height and anchoring distance	3 different mast types, depends on the height and anchoring distance	3 different mast types, depends on the height and anchoring distance	3 different mast types, depends on the height and anchoring distance
*) other by request					

**Industrial hoists with payloads 1500-2000 kg are offered upon request*



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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Scanclimber Oy, Turkkirata 26, FI-33960 Pirkkala | www.scanclimber.com
Tel. +358 10 680 7000, Fax +358 10 680 7033

Authorised partner