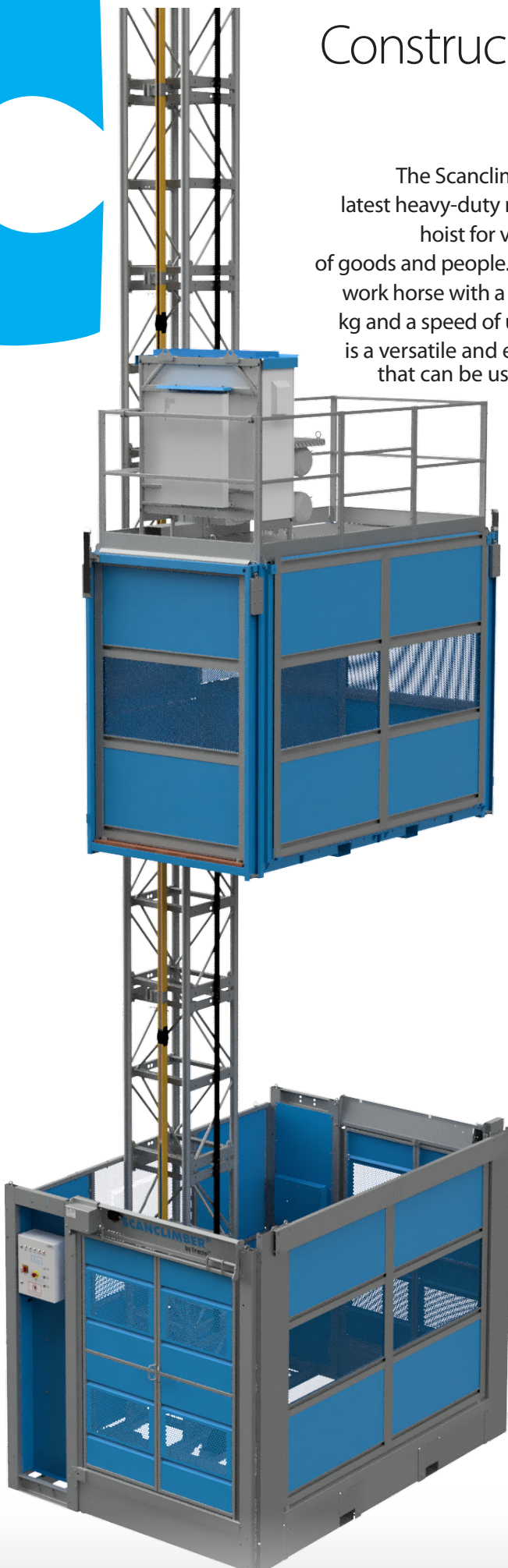


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Construction hoist **H65L**

The Scanclimber H65L hoist is the latest heavy-duty modular construction hoist for vertical transportation of goods and people. It is the most desired work horse with a load capacity of 2000 kg and a speed of up to 60 m/min. H65L is a versatile and easily adaptable hoist that can be used in a wide range of applications.



SCANCLIMBER®
by Tractel®

H65L Hoist

Introduction

THE H65L PERSONNEL AND MATERIAL HOIST family offers a heavy-duty, flexible and upgradable transport system for materials and people, with a spacious hoist cage up to a lifting height of 150 m.

THE ROBUST AND LIGHT WEIGHT H65L MAST SYSTEM stands on a stable mast base in the ground station and is easily assembled with the help of auxiliary crane or with an optional assembly arm.

H65L MODULAR STRUCTURE provides reliability, long-life, flexibility, safety, productivity, low energy consumption and low cost of ownership, making it a profitable investment for construction and rental companies.

WITH A LOAD CAPACITY up to 2000 kg and maximum lifting speed of 60 m/min, H65L is developed with the aim of providing a safe and efficient solution for a wide range of lifting applications.

H65L Configurations

H65L HOIST'S MODULARITY allows a versatile and easily adaptable hoist that can be used in a wide range of applications. H65L can be equipped with a cable snagging device, assembly arm, busbar and many more to customize it to your needs. Additionally, the hoist also offers options in the cage door opening height and you can choose 2m, or 2.3m based on your landing floor height. The modularity of H65L hoist opens up wide variety of options to customize the hoist as per the project or customer needs.

H65L HOIST'S LIFTING CAPACITY for single cage models is: 2000 kg. The speed options are: 40 m/min, and 60 m/min. The cage is available in two length options: a large cage of 3.9 m length with a height of 2.3 m, while the smaller cage of 3.2 m length with a height of 2.1 m. If the space or capacity of one cage is not enough, it can be doubled using a twin cage configuration.

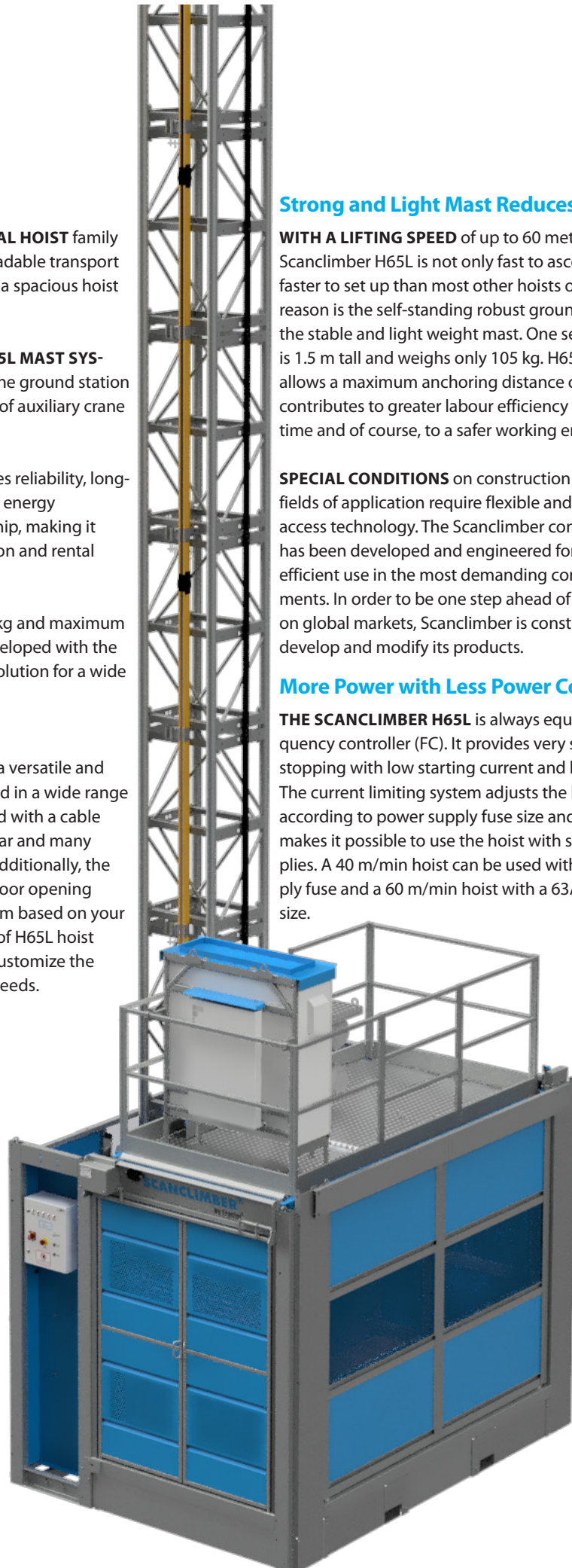
Strong and Light Mast Reduces Set Up Time

WITH A LIFTING SPEED of up to 60 meters per minute, the Scanclimber H65L is not only fast to ascend, but it is also faster to set up than most other hoists on the market. The reason is the self-standing robust ground station frame and the stable and light weight mast. One section of H65L mast is 1.5 m tall and weighs only 105 kg. H65L hoist's rigid mast allows a maximum anchoring distance of 15 meters. All this contributes to greater labour efficiency and reduced set-up time and of course, to a safer working environment.

SPECIAL CONDITIONS on construction sites and different fields of application require flexible and applicable height access technology. The Scanclimber construction hoist has been developed and engineered for safe, reliable and efficient use in the most demanding construction environments. In order to be one step ahead of the developments on global markets, Scanclimber is constantly working to develop and modify its products.

More Power with Less Power Consumption

THE SCANCLIMBER H65L is always equipped with a frequency controller (FC). It provides very smooth starting and stopping with low starting current and less wear and tear. The current limiting system adjusts the hoist lifting speed according to power supply fuse size and cage loading. This makes it possible to use the hoist with small power supplies. A 40 m/min hoist can be used with a 32A or 63A supply fuse and a 60 m/min hoist with a 63A, 80A, or 100A fuse size.





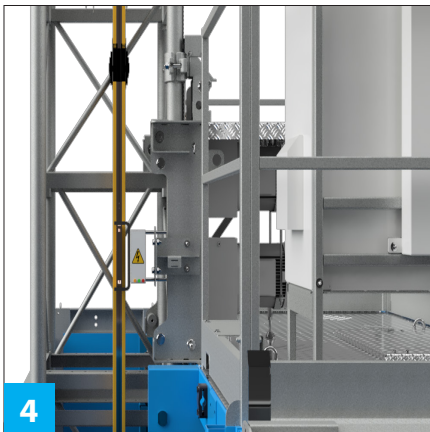
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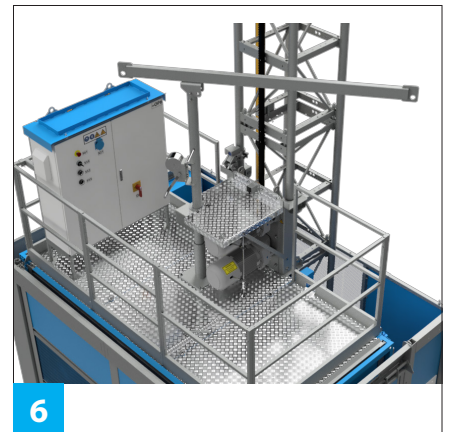
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Details

Safety Brake

THE SAFETY BRAKE ensures that

1 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 all H65L hoist models. 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.

Ground Station and Cage

H65L GROUND STATION provides a stable free standing heights of upto 17 m. **2** This makes it ideal for use in areas where there is no support structure for anchoring the mast. **H65L CAGE** is available in two standard sizes: 32= (3.2 m x 2.1 m x 1.5 m), and 39 = (3.9 m x 2.3 m x 1.5 m). Doors can be assembled on one or every side of the cage. The front door (A) and the back door (B) are 1.5 m wide. Landing level access can be arranged with A or B door or both.

Side Door

H65L HOIST can be equipped with the **3** side C door which eases the loading inside the hoist for bigger materials.

The side door (C) for a 3.2 m cage offers 2.9 meter door opening and for a 3.9 m cage it offer 3.5 m door opening to provide flexibility and ease of loading material and equipment into the cage.

Busbar

H65L IS EQUIPPED WITH BUSBAR that provides a stable and low-resistance path to conduct large amount of current to drive unit. This helps to ensure that the system operates efficiently and safely. Additionally, busbar is relatively easy to install, have a long lifespan and can be customized for a wide range of applications in different weather conditions.

Landing Doors and Gates

H65L HOIST LANDING DOORS are light weight, reliable and can be installed **5** to access different kind of landing levels. The landing doors are available in two different opening heights of 2 meters and 2.3 meters based on desired scaffold or building floor height. Additionally 1.1m high bi-folding and side sliding landing gates are available. All the doors and gates are equipped with an interlocking system and they meet the requirements of the cur-

rent Machinery Directive and Personnel and Material hoist standard.

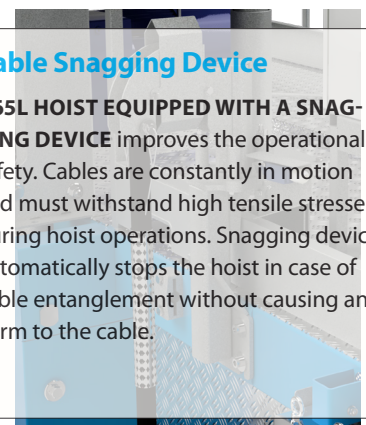
Assembly Arm

THE SCANCLIMBER H65L

6 can be equipped with an assembly arm. The assembly arm is an optional accessory for the H65L Hoist. It allows you to easily assemble and disassemble the mast sections and other components of the hoist, making it a quick and easy process. The assembly arm can be equipped with a winch to raise and lower the carried load, making it a versatile and convenient tool.

Cable Snagging Device

H65L HOIST EQUIPPED WITH A SNAGGING DEVICE improves the operational safety. Cables are constantly in motion and must withstand high tensile stresses during hoist operations. Snagging device automatically stops the hoist in case of cable entanglement without causing any harm to the cable.



Technical Data

H65L Hoist	
Payload <i>(number of persons according to EN12159)</i>	3,2 m Cage; 2000 kg (24 persons) 3,9 m Cage; 2000 kg (25 persons)
Cage internal length (mm)	3200 - 3900
Cage internal width x height (mm)	1500 x 2100
3200 mm cage	1500 x 2300
3900 mm cage	
Speed options (m/min):	up to 40 and 60
Hoist configuration	Single or Twin
Drive unit:	
-Regular-speed 40 m/min	2 x 10,1 kW
-Mid-speed 60 m/min	2 x 13,5 kW
Power supply voltage	400 V / 50 Hz
Power supply fuse	
-Drive unit 40 m/min	32/63A
-Drive unit 60 m/min	63/80/100A
Overspeed safety device	YES
Cage power supply	Power cable or Busbar (optional)
Cable safety, Snagging device	YES (optional)
Max. lifting height, with anchored mast	150 m (higher mast by request)
Max. anchoring distance	15 m
Max. lifting height, free-standing	12 m on concrete foundation 17 m with concrete foundation and reinforcement pipes on mast
Max. free mast after topmost anchor (mast overhang)	
-Single hoist	7,5 m
-Twin hoist	3,5m
Mast section:	
-height	1,5 m
-weight, single / twin	105 / 121 kg
Assembly arm (150 kg load capacity)	YES (optional)
Operation temperature	-25 to +40° C
Noise level	< 85 dBA



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.

SCANCLIMBER®
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Scanclimber Oy, Turkkirata 26, FI-33960 Pirkkala | www.scanclimber.com

Tel. +358 10 680 7000, Fax +358 10 680 7033