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Construction hoist **Wega Wideline** **H65H-WL**

The Scanclimber Wega Wideline (WL) is the latest heavy duty modular construction hoist for vertical transportation of goods and people. Launched in 2018, this massive hoist has wider, longer dimensions than any other hoists offered by Scanclimber without compromising the payload capabilities.



SCANCLIMBER®
by Tractel®

Wega Wideline H65H-WL

Introduction

THE H65H-WL 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 200 m.

THE ROBUST H65H 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 mast assembly crane.

WEGA'S 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 3000 kg and maximum lifting speed of 70 m/min, Wega WL has already proved itself as one of the most productive machine in the height access industry.

Wega Configurations

WEGA'S WIDELINE MODULARITY is one of its kind which allows you to adjust the length of the hoist from 3.7 meters up to 5 meters. Additionally, the hoist also offers options in the cage door opening height and you can choose 2m, 2.5m or 2.8m based on your landing floor height. The modularity of WL hoist opens up wide variety of options to customize the hoist as per the project or customer needs.

WEGA'S LIFTING CAPACITIES

for single cage models are: 2500 kg, 2700 kg or 3000 kg and the speed options are: normal speed 36 m/min, mid-speed 54 m/min and high speed 70 m/min. The cage is modular and can be extended from 3.7 m to 5 m. Additionally the cage is 2m wide which is 0.5 m wider than standard hoists giving more room to adjust payloads inside the hoist. If the space or capacity of one cage is not enough, it can be doubled using a twin cage version.

Strong Mast Reduces Set Up Time

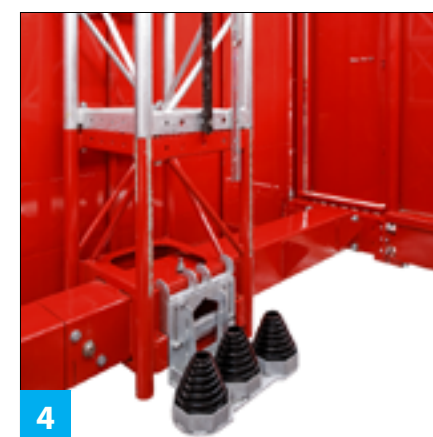
WITH A CLIMBING RATE of up to 70 meters per minute, the Scanclimber Wega is not only fast to ascend, but it is also faster to set up than most other hoists on the market. The reason is the self-standing heavy duty ground station frame and the stable mast. Wega's rigid mast allows a maximum anchoring 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. In order to be one step ahead of the developments on global markets, Scanclimber is constantly working to develop and modify its products.

Callability and Computer Control

ONE OF THE ADVANTAGES in H65H-WL hoists is callability. It means that the hoist can be called to a specific landing level like a normal lift. In high or busy work sites it is usual that the normal callability and manual landing access management is not enough and more sophistication is needed. To solve this, Scanclimber offers a more intelligent, computer controlled landing access management system.

It is also known as a programmable logic controller (PLC). Hoist users can command it to drive to a specific floor. In case of several calls from various floors at the same time, the computer optimizes the hoist's travelling and stops.



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 all Wega Wideline 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.

Cage

2 CAGE is modular & extendable upto 5m; standard sizes are: 37 = (3.7 m x 2 m), 42 = (4.2 m x 2 m) or 50 (5 m x 2 m). Doors can be assembled on one or every side of the cage. The front door (A) and the back door (B) are 2 m wide. Landing level access is arranged with the back (B) door.

Side Door

3 WEGA WIDELINE HOIST can be equipped with the side C door which eases the loading inside the hoist for bigger materials. This side door (C) offers 3.2 meter door opening which is wider than any other Scanclimber hoists.

Ground Station

4 WEGA WIDELINE HOIST'S GROUND STATION base frame includes an adjustable beam which offers full modularity of the hoist. This ground station beam can be adjusted to change the hoist length. The WL length can be changed from 3.7 to 4.2 or 5 meters with the help of the extensions. Such modularity adds customer value in different kinds of complex construction sites with hoist applications.

Landing Gates and Doors

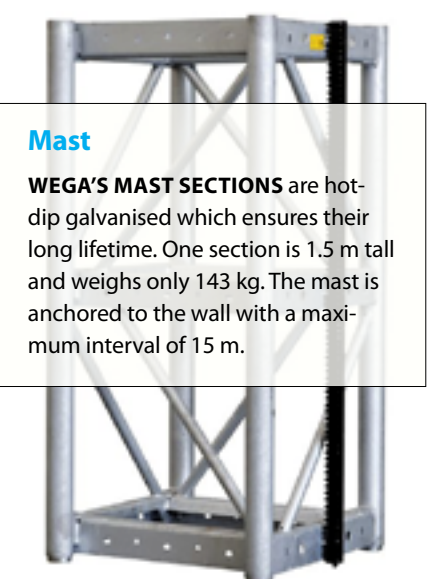
5 WEGA'S WIDELINE LANDING DOORS are light weight, reliable and can be installed to access different kind of landing levels. Additionally the landing door opening height can be adjusted from 2 meters to 2.8 meters based on desired scaffold or building floor height. All the doors are equipped with an interlocking system and they meet the requirements of the current Machinery Directive and Personnel and Material hoist standard.

More Power with Less Power Consumption

6 THE SCANCLIMBER WEGA H65H is always equipped with a frequency controller (FC). It provides very smooth starting and stopping with low starting current and less wear and tear.

Mast

WEGA'S MAST SECTIONS are hot-dip galvanised which ensures their long lifetime. One section is 1.5 m tall and weighs only 143 kg. The mast is anchored to the wall with a maximum interval of 15 m.



Technical Data



Modular H65H-WL Hoist Specs	
Payload (number of persons according to EN12159-1)	2500 kg (29 persons) - 3000 kg (35 persons)
Cage internal length (mm)	3700 - 5000
Cage internal width x height (mm)	2010 x 2800
Speed options: 36 or 54 or 70 m/min	YES (54 & 70)
Single or twin cage version	YES
Drive unit: - Regular-speed 36 m/min - Mid-speed 54 m/min - High-speed 70 m/min	X 3 x 15 kW 3 x 18.5 kW
Power supply voltage	400 - 415 V / 50 Hz
Safety brake	YES
Max. lifting height, with anchored mast	200 m (higher mast by request)
Max. anchoring distance	15 m*)
Max. lifting height, free-standing	5-8 m*)
Max. free mast after topmost anchor	7 m*)
Mast section: height weight (single / twin)	1.5 m 143 / 160 kg
Operation temperature	-25 to +40° C
Noise level	< 85 dBA

*) depending on ground station type, cage amount (single or twin), cage length and lifting capacity



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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