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Construction hoist **Rambo H65H**

Scanclimber Rambo H65H include a range of heavy-duty construction hoists, which are reliable choice for vertical transportation of material and people. The Scanclimber Rambo H65H hoist family is developed specially to address the needs of US market and according to the regulations of vertical access equipment in USA.



SCANCLIMBER®

Rambo H65H

Introduction

THE H65H PERSONNEL AND MATERIAL HOIST family offers a heavy-duty, flexible and upgradable transport system for materials and people, with a spacious hoist car up to a lifting height of 985 ft.

THE ROBUST H65H MAST SYSTEM stands on a stable ground enclosure and is easily assembled with the help of auxiliary crane or by hand with an optional mast assembly crane.

RAMBO'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 7055 lbs and maximum lifting speed of 295 ft/min, Rambo has already proved itself as a productive machine in various building sites around the world.

Rambo Configurations

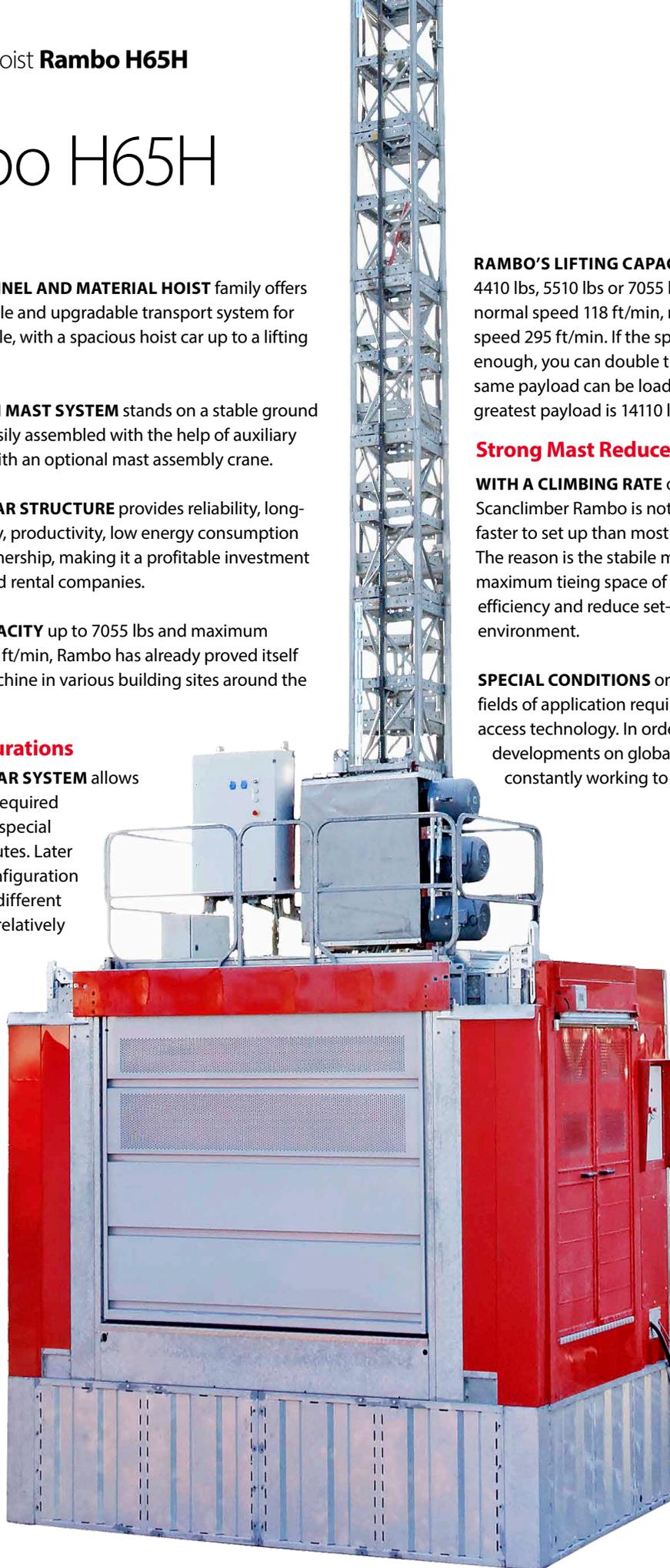
RAMBO'S MODULAR SYSTEM allows you to choose the required configuration with special features and attributes. Later on the selected configuration can be adapted to different applications using relatively few modules and components. The hoist family offers different car sizes, speed options and payload capacities. Additionally, there is a wide variety of landing gates, doors and mast tie systems.

RAMBO'S LIFTING CAPACITIES for single car models are: 4410 lbs, 5510 lbs or 7055 lbs and the speed options are: normal speed 118 ft/min, mid-speed 177 ft/min and high speed 295 ft/min. If the space or capacity of one car is not enough, you can double them using a twin car version. The same payload can be loaded into two cars, which means the greatest payload is 14110 lbs.

Strong Mast Reduces Set Up Time

WITH A CLIMBING RATE of up to 295 feet per minute, the Scanclimber Rambo 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 stabile mast. Rambo's rigid mast allows a maximum tying space of 69 feet. These features labour efficiency and reduce set-up 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 on global markets, Scanclimber is constantly working to improve and modify its products.





Details

Safety brake

1 THE SAFETY BRAKE ensures that even in a complete breakdown of the drive unit the car will not fall down. A mechanical, spring-loaded safety brake is a standard safety feature in all Rambo 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.

Car

2 STANDARD CARS are available in three lengths: 10'6", 12'2" and 13'9". Doors can be assembled on one or every side of the car. The front door (A) and the back door (B) are 4'11" wide and the side door (C) offers a wider 9'10" door opening for bigger materials.

Cable drum

3 RAMBO HOISTS going over 950 ft need a cable trolley system through which cables of extensive lengths are running at heights. Cable drum is capable to store such heavy and long cables and supports the hoist operation. Cable drum is usually fixed to the ground station base.

Ground Enclosure

4 RAMBO'S STANDARD GROUND ENCLOSURE is bolted on to a concrete or similar slab and the handedness can be freely chosen. The standard ground enclosure is equipped with one (A) door but the back door (B) and the wider side door (C) are optionally available. The ground station entrance is nearly 5 ft above the ground level. The ground station is also equipped with hydraulic buffers attached to the ground station base.

Landing Doors

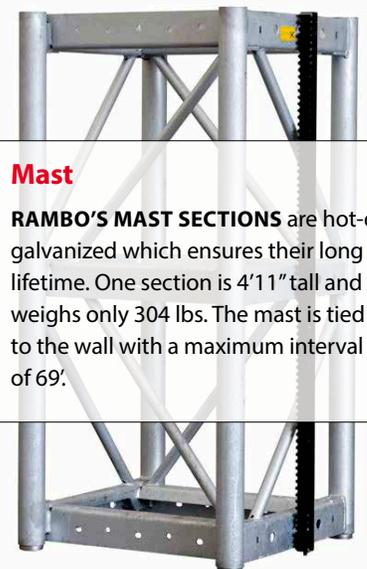
5 RAMBO'S LANDING DOORS are compatible with all H65H hoist models. The doors are reliable, flexible and can be adjusted to different kinds of structural conditions. All the doors are equipped with an interlocking system and they meet the requirements of American National Standard ANSI A10.4.

More Power, Less Power Consumption

6 THE SCANCLIMBER RAMBO 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

RAMBO'S MAST SECTIONS are hot-dip galvanized which ensures their long lifetime. One section is 4'11" tall and weighs only 304 lbs. The mast is tied to the wall with a maximum interval of 69'.



Technical Data

	SC2032-65H	SC2037-65H	SC2532-65H	SC2537-65H	SC3232-65H	SC3237-65H
Payload	4410 lbs or 24 persons	4410 lbs or 25 persons	5510 lbs or 24 persons	5510 lbs or 27 persons	7055 lbs or 24 persons	7055 lbs or 27 persons
Car internal length	10'6"	12'2"	10'6"	12'2"	10'6"	12'2"
Car internal width x height	4'11" x 6'9"	4'11" x 6'9"	4'11" x 6'9"	4'11" x 6'9"	4'11" x 6'9"	4'11" x 6'9"
Speed options: 118 or 177 or 295 ft/min	YES	YES	YES	YES	YES	YES
Single or twin car version	YES	YES	YES	YES	YES	YES
Power supply voltage	480V/60Hz	480V/60Hz	480V/60Hz	480V/60Hz	480V/60Hz	480V/60Hz
Top drive lifting unit	YES					
Overspeed safety device	YES					
Max. lifting height, with tied mast	985' (higher mast by request)					
Max. tying distance	69'*)					
Max. lifting height, free-standing	40'*)					
Max. free mast after topmost tie	43'*)					
Mast section: height	4'11"					
weight, single / twin	304 lbs / 340 lbs					
Operation temperature	-13...+104° F					
Noise level	< 85 dBA					

*) depending on ground enclosure type, car amount (single or twin), car 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 worldwide. Scanclimber creates value for its customers with high quality, reliable and flexible vertical access solutions.

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