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Triple Hoist SC8 and SC20

Scanclimber Triple Hoist is the first family of lightweight, multipurpose hoists that serves as **a material hoist, a personnel hoist and a transport platform**. Triple Hoist is always in effective and productive use, thanks to its doubled running speed, versatility and callability (i.e. the possibility to "call" the platform to specific floor like a normal lift). Other advantages for the customer are first rate safety and ergonomics throughout the whole product range of the Triple Hoist family.



SCANCLIMBER®

Triple Hoist

Safe and cost-effective

TRIPLE HOIST has been specifically designed for smaller building and renovation projects. This makes it a perfect choice and tool for rental and scaffolding companies. Because of its multipurpose use, fast installation and extra safety features, Triple Hoist provides high return on investment – and still meets the high requirements of European Machine Directive and Standards.

DURING RECENT YEARS Scanclimber has become one of the world's technology leaders in mast climbing working platforms and rack and pinion hoists for several industries.

QUALITY AND SAFETY are key factors in all Scanclimber products. The designers of the new Triple Hoist have applied the same technological advancements in these smaller hoists, but at a cost which is affordable for smaller projects.

Callability increases productivity

ONE OF THE BIGGEST advantages of these flexible, lightweight transport platforms is that they are callable – contrary to their rivals. Callability means that the platform can be called to a specific floor like a normal lift. Today, transport platforms are not callable.

SCANCLIMBER, in cooperation with TÜV SÜD, Munich, Germany, has developed a specific call control system that allows users to call the platform from the ground station. In order to maximise the safety of the users, a display is installed in the platform to warn passengers in case a ground call occurs.

CALLABILITY enables unattended operation and shortens waiting times at the ground station. Usage of the platform can be increased by 20 %. This means higher productivity at jobsites.

Doubled speed

ADDING EXTRA SAFETY systems enabled Scanclimber to double the running speed of Triple Hoist from 12 meters per minute to 24 meters per minute. Doubling the running speed in passenger transportation mode provides additional 50 % time savings in active usage time and increases transport capacity by 35 %.

SINGLE MAST Triple Hoist has a payload capacity of max. 850 kg. The dual mast version can cope with loads of max. 2000 kg. As a transport platform the maximum passenger loading capacity is 18. Competitors in the same product class have a maximum passenger loading capacity of just 7.

THE TRIPLE HOIST is especially suitable for projects at lower building heights (under 100 meters). Thanks to their modular design both the mast and platform lengths can be extended; for instance the platform length varies from 1,7 to 5,1 meters.





Details

Safety brake

1 A **MECHANICAL**, spring-loaded safety brake is a standard safety feature of all Triple Hoist models. It improves the safety and reliability of the working platform in everyday use. The highly-durable safety brake is well protected from dirt and dust and is practically maintenance-free.

Gates and doors

2 **THE TRIPLE HOIST** is the first product of its class which has both a sliding gate opening either to the left or to the right side and a double wing door. Different gate options increase versatility. All surfaces are hot-dip galvanized against corrosion.

Ramp type gate

3 **LIKE OTHER** loading doors and gates, a ramp system can be installed on any or all three sides at the same time. The manually-operated, ramp type landing gate has a ramp length of 65 cm.

Portability

4 **ALL TRIPLE HOIST** models are easy to transport and relocate. Thanks to its modular structure the installation, dismantling and transportation of the platform is quick and easy and thus very cost-effective.

Assembly bridge

5 A **FOLDABLE** assembly bridge is optionally available for all Triple Hoist models to ease the erection of the mast and its anchoring. It ensures safe and smooth installation and dismantling of the platform. The maximum loading capacity is 120 kg.

Platform

6 **PLATFORM MODULES** are available in two sizes: 1,4 x 1,7 m and 1,4 x 0,85 m. Thanks to their modular design the length of a platform is quick and easy to adjust. All the steelwork is hot-dip galvanized. The floor is made of roughened, weatherproof plywood.

Mast

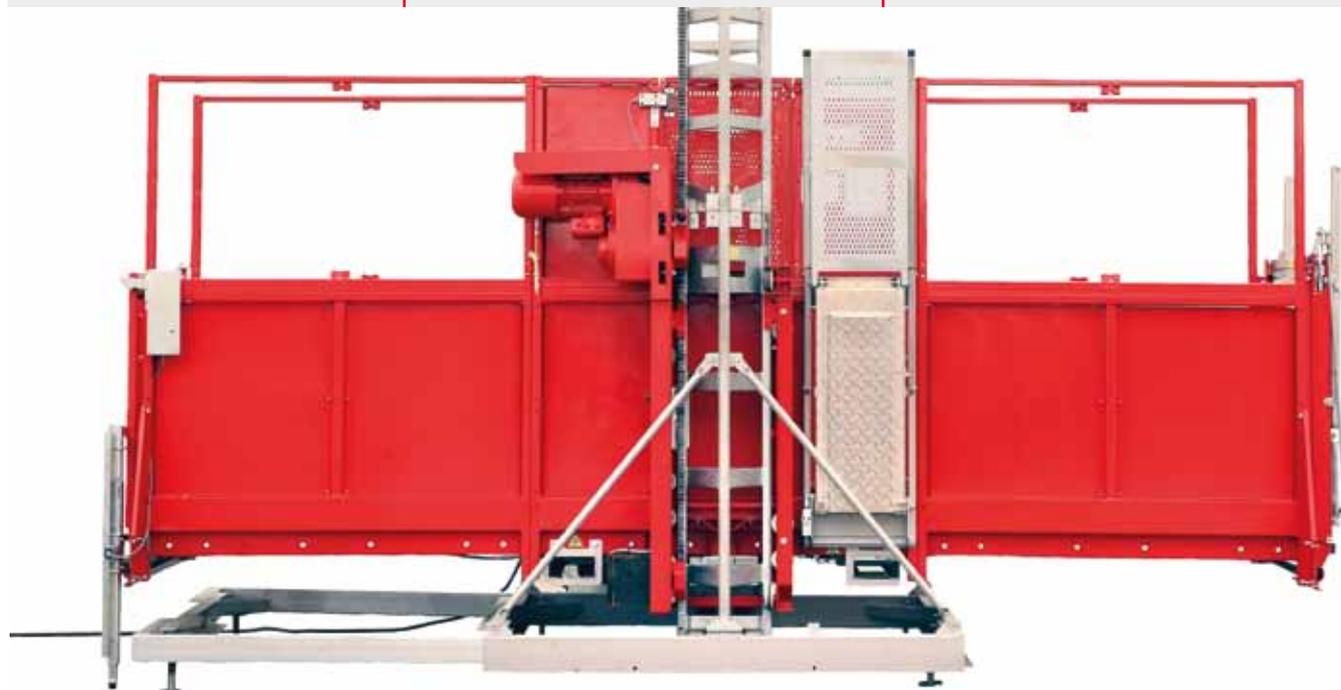
ALL MAST SECTIONS are hot-dip galvanized. One section has a length of 1,50 m and weight of only 43 kg. Scanclimber's tubular mast sections have been designed to be compatible with Geda Unimast sections. The maximum anchoring distance for Scanclimber mast sections is 10 meters with a 3 meter overhang.





Technical Data

	Single mast SC8			Twin mast SC20		
Usage	Personnel hoist	Material hoist	Transport platform	Personnel hoist	Material hoist	Transport platform
Payload depending on configuration	5 pers./500 kg	850 kg	7 pers./850 kg	18 pers./1500 kg	2000 kg	12 pers./2000 kg
Speed	12/24/36 m/min	12/24 m/min	12/24 m/min	12/24/36 m/min	12/24 m/min	12/24 m/min
Lifting motor	3/6,1 kW	3/6,1 kW	3/6,1 kW	2 x 3/6,1 kW	2 x 3/6,1 kW	2 x 3/6,1 kW
Overspeed safety device	x	x	x	x	x	x
Max. lifting height, with anchored mast	100 m (higher mast by request)			100 m (higher mast by request)		
Max. anchoring distance	6 m			10 m		
Max. free mast after topmost anchoring	2 m			4 m		
Cage sizes	1380 x 1700 mm			1380 x 1700 mm 1380 x 3400 mm 1380 x 5100 mm 1700 x 2760 mm 1700 x 4200 mm		
Mast section, hot-dip galvanized	1,5 m / 43 kg			1,5 m / 43 kg		
Power supply	400 V / 50 Hz 16 A / 32 A / 3 phase			400 V / 50 Hz 32 A / 3 phase		
Operation temperature	-25...+40° C			-25...+40° C		
Noise level	< 78 dBA			< 78 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 in Asia. Scanclimber creates value for its customers with high quality, reliable and flexible vertical access solutions.

SCANCLIMBER®

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