

SCANCLIMBER® has 40 years experience in building personnel and material hoists. To date we have manufactured more than 5000 hoists and exported them around the world.

The factory is ISO 9001:2000 certified and all our personnel hoists are certified according to the latest European EN 12159 standard.



SCAN-RENT SDN BHD hoist models



SC1432



SC2032



M/TP1500/2000



SC500K



PM1500

Material hoists, transport platforms, industrial hoists and hoists for special projects are also included in our production programme.

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**Mast Climbing Work
Platform & Gondola**



SCAN-RENT SDN BHD



Personnel and
material hoists



SCAN-RENT SDN BHD hoists - advanced design

The **SCANCLIMBER**® hoist product range is certified according to the latest European standard EN 12159 and fulfills the requirements of our most demanding customers.



• Cable trolley



- The two standard dimensions are:
 1. Cage length 3,2 m
3,2 x 1,5 x 2,1 m = 10 m³
 2. Cage length 3,7 m
3,7 x 1,5 x 2,1 m = 11,6 m³



• Overspeed safety device

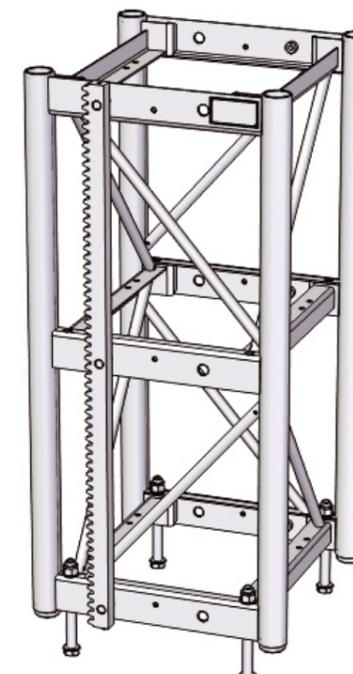


• Top drive unit on the roof



• Control panel with overload detection and fault indication

SCANCLIMBER® SC1532/SC1837/SC2032



• Strong hot-dip galvanized mast sections

Advantages

- The hoist can be erected on ground without the need for any concrete foundation
- New stronger mast and modular anchoring equipment, anchoring distance up to 21 m and length of anchoring tubes from 0,4 to 5,6 m
- Easy to load, easy to unload; possibility to take advantage of the full loading space of 10 m³ or 11,6 m³, no wasted cubic meters
- Maximum free standing lift height of 15 m
- Top anchoring height of 25 m
- Frequency converter allows both smooth and stepless start/stop of cage with a low starting current
- Power requirement only 63 Amps

Options

- Computer controlled landing control system with pulse encoders
- Frequency controlled drive system
- Fault diagnostic system
- Overload detection
- Outriggers for ground station
- Double cage version
- Side door, width 3,2 or 3,5 m
- Dual end loading door for cage



| Technical data | SC1532 | SC1837 | SC2032 |
|---|----------------------------------|-----------------------|-----------------------|
| • Payload | 1500 or 18 persons | 1800 kg or 20 persons | 2000 kg or 24 persons |
| • Speed | 36 m/min. | | |
| • Max. lifting height, with anchored mast | single 300 m / double 220 m | | |
| • Max. lifting height, freestanding | 15 m depending on anchoring type | | |
| • Max. anchoring distance | 21 m depending on anchoring type | | |
| • Max. free mast after topmost anchoring | 15 m depending on anchoring type | | |
| • Cage dimensions | | | |
| - door opening w x h (mm) | 1510 x 2100 | 1510 x 2100 | 1510 x 2100 |
| - internal cage dimensions (mm) | 1510 x 3200 | 1510 x 3700 | 1510 x 3200 |
| - internal cage height (mm) | 2100 | 2100 | 2100 |
| - weight (kg) | 1550 | 1670 | 1600 |
| • Base unit dimensions | | | |
| - length (mm) | 3905 | 4543 | 3905 |
| - width (mm) | 2580 | 2580 | 2580 |
| - height (mm) | 2740 | 2740 | 2740 |
| - weight (kg) | 1500 | 1500 | 1500 |
| • Lifting unit | | | |
| - type | Top drive | Top drive | Top drive |
| - motors | 2 x 9,2 kW | 2 x 11 kW | 2 x 11 kW |
| • Power supply | 3-phase/400 V/50 Hz | | |
| - voltage | 63 A / 5 p | | |
| - current | | | |
| • Overspeed safety device | UC3.0A | | |
| • Mast sections | | | |
| - mast section length | | 1,5 m | |
| - mast section with one rack | | 149 kg | |
| - mast section with two racks | | 173 kg | |
| - rack module | | m = 8 | |