

HEIGHTS

Safety and security, at every level

THE NEW SAFE-QUICK® 2: A STEP FURTHER IN SAFETY, AND ESPECIALLY IN EASE OF USE.

- ▶ BISOMAC 308 TRACTION HOIST
- ▶ WELDING LINE OF THE FUTURE
- ▶ EN 131 IS BEING TIGHTENED



SQ2
SAFE-QUICK®

NEW!

altrex RS TOWER 5 | FIBER-DECK | C

altrex



Bisomac 308

Compact, lightweight and designed to uplift your level of satisfaction

BISOMAC 308 Traction Hoist: for Altrex Modular Suspended Platform System (MHB). Developed with NIHON BISOH's exclusive advanced technology, the new BISOMAC 308 Traction Hoist is the next-generation traction hoist for the new era of ultra-high-rise buildings.

Easy to maintain and highly durable, this full-powered, full-featured traction hoist is remarkably compact and lightweight. Altrex got from her partner in Japan, Nihon Bisoh, the exclusive rights for distributing the new CE-version of the BISOMAC 308 Traction Hoist.

PERFORMANCE

- Silent technologies offer quiet operation
- Fully compatible with existing stirrups

HANDLING

- Carrying handles provide optimum balance for easy handling

SAFETY

- Designed to assure idiotproof operation and prevent malfunctions
- Integrated devices include; Overload Device, Fall Arrest Device and Upper/Ultimate Limit Switch

MAINTENANCE

- Quick turnaround service thanks to easy side cover access
- All components are designed for a long lifespan
- Fewest number of wear parts of any hoist on the market that require inspection or replacement
- Easy (dis)assembly due to minimal number of bolts and components



Simplified sheave maintenanc

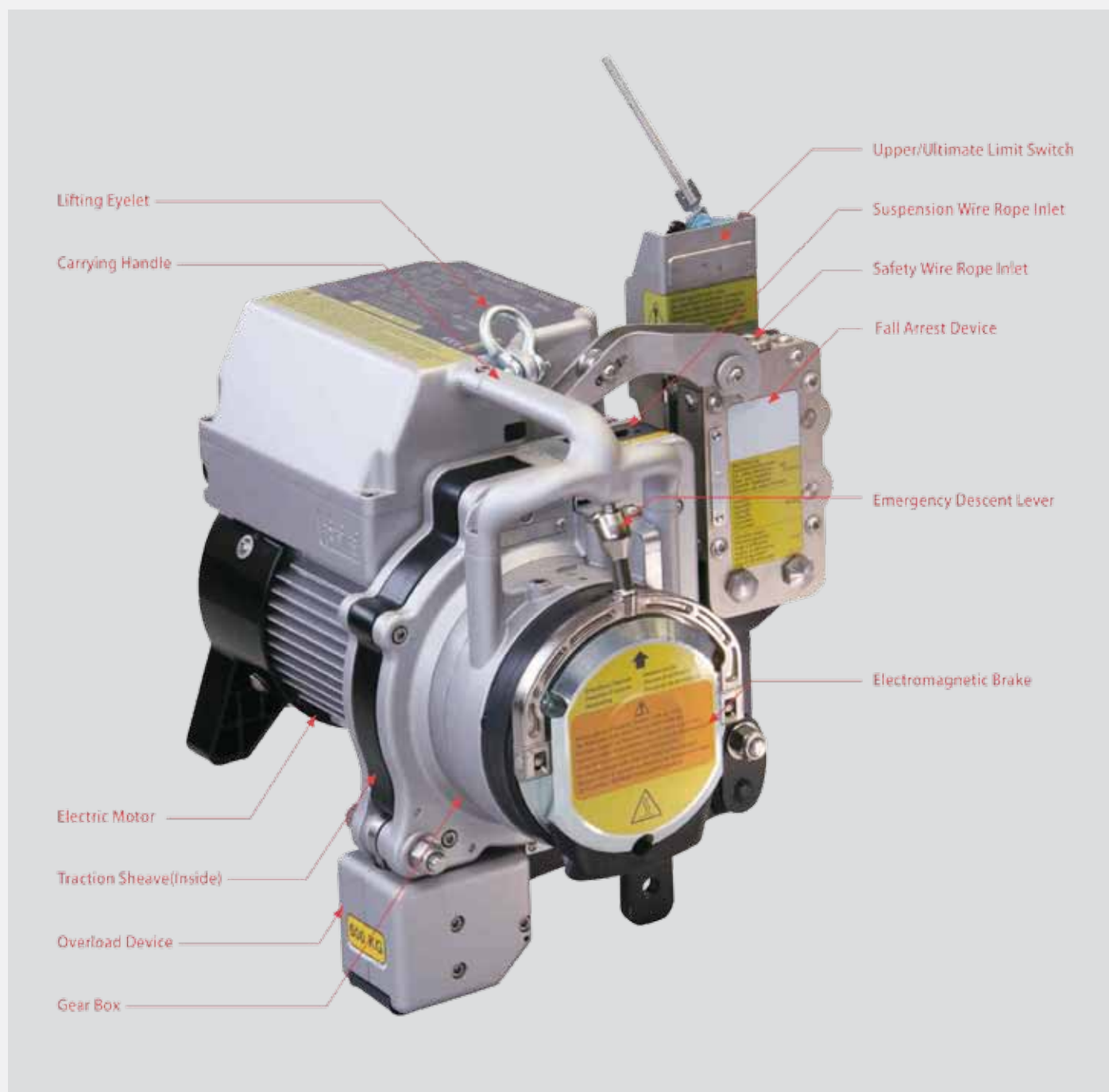


Easy access to sheave from all angles



Spring loaded cable guard

Parts & Functions



Specifications

	Model	Standard	Capacity kg	Power	Hz	kW	Nominate speed m/min	Wire Rope mm	Safety Devices	Weight	Dimensions mm
1	Bisomac 308 1P-600	EN 1808	600	1-phase, 230V	50	1.1	8.0	9 - 9.5	Upper/Ultimate Limit Switch	46	552 x 396 x 355
2	Bisomac308 3P-600			3-phase, 380V-415V			10.5		Fall Arrest Device Overload Device		

MODULAR ROOFBEAMS SYSTEM

The Altrex aluminium roof beam system (ADB) has always been a popular roof suspension system because of its versatility and lightweight components.

Together with feedback of our international customers, we have now managed to increase the possibilities of the existing ADB system even further.

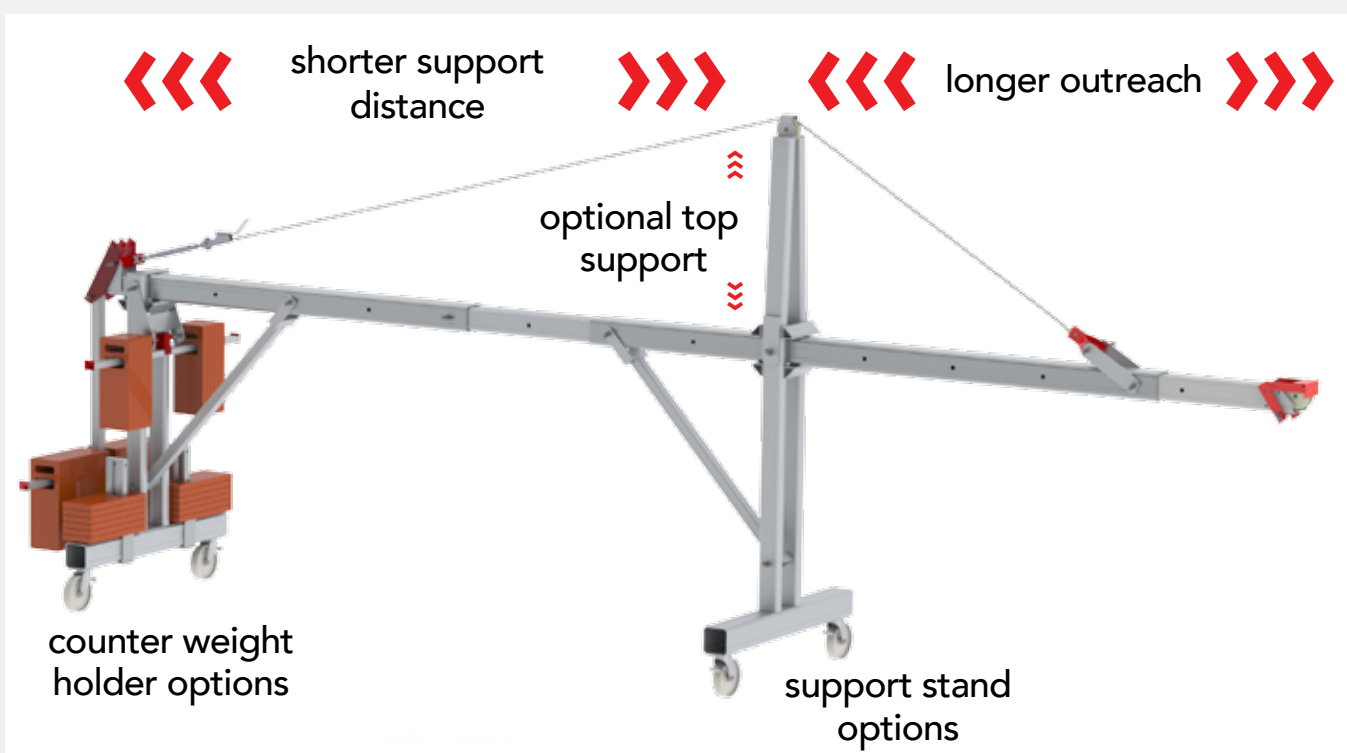
By developing and adding few extra parts only the inboard, outboard and capacity can be increased enormously!

The main advantages of the roof beam system are:

- Completely interchangeable with existing Altrex roofbeam systems.
- Adjustable distance between front and rear support stand (outboard): 3.0 – 5.5 m (originally 4.5 - 5.5 m)
- Adjustable outreach (outboard): 0.60 – 3.0 m (originally 0.90 – 1.2 m)
- To be used in combination with traction hoists with a capacity up to 800 kg.
- Low weight (< 25 kg.) per component
- Easy and quick to assemble without the use of tools

- Easy to transport, every components fits in a standard passenger elevator
- CE-approved in combination with the Altrex modular suspended platform system
- Patented integrated shock-absorber
- Various options for different parapet or fence heights
- Ergonomically shaped counter weights for easy transport and handling

**A SIMPLE
BUT GREAT
INNOVATION
TO OUR
EXISTING ADB
ROOF SUSPENSION
SYSTEMS!**



Welding line of the future

A piece of tomorrow's technology, today.

The future is here. Our new welding line is a fact! And therefore, Altrex has a piece of tomorrow's technology, today. Where it began with the move of the old robot eighteen months ago, we now have 75 meters of innovation and technical ingenuity, in full motion.

Flawless welding, more flexibility and a faultless flow. This is what we had in mind when we decided to renew our welding line, or to be more precise: to completely replace it. After building for one and a half years in three intensive phases, we now have the most flexible and accurate welding line. A process to look back on with pride.

PROGRESS AT EVERY LEVEL

At Altrex, we always look ahead. However, when we realize something as innovative as our new welding line, it definitely deserves looking back. If only because of the great change that has taken place in such a relatively short time. Our new production line provides a clear progress at every level.

As many as six intelligent, high-tech welding robots flawlessly find their way across the 75-meter-long welding line. Controlled by a central system and by themselves, they are able to weld faultlessly and seamlessly, to the hundredth of a millimetre. More quality, more customization and more safety. Which means more Altrex.

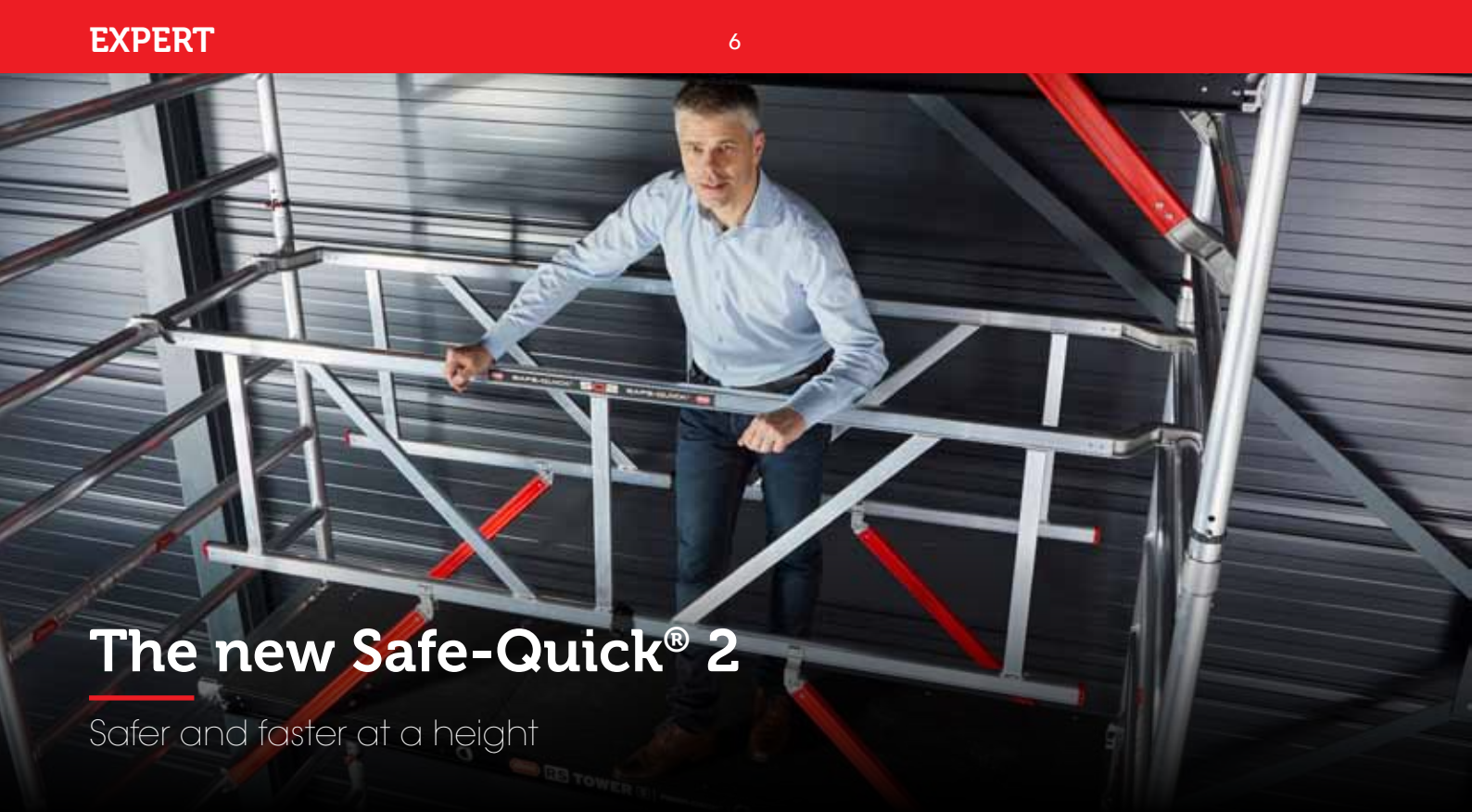
THE STRONGEST WELDS

From now on every welding job will be even stronger and more reliable. The robots weld with CMT Advanced by Fronius, an innovative technique that makes it possible to weld very thin materials (from 0.3 mm). This provides the cleanest and strongest weld. We also created a link between the welding line and our ERP system. This enables our planners to determine the sequence of orders, in advance. We are therefore even more capable of responding to the demands and needs of our clients. ■



Look behind the scenes with us. Check

www.altrex.com/innovation/en



The new Safe-Quick® 2

Safer and faster at a height

At Altrex, we sometimes say that the future requires innovative solutions. Of course, in reality, it's our customers who ask. After all, as a user, you would know best what you will need today and tomorrow. That is why we always come up with new and improved solutions. Like the even smarter Safe-Quick® 2.

Safe access equipment doesn't simply fall from the sky. And Henry Dijkma is well aware of that fact. As product manager at Altrex, he himself was and is the cradle of many intelligent access solutions. From his position between the customer, the market and Altrex's own engineers, he sees the needs and what is possible. "The most relevant questions come from practice", Dijkma explains. "These are often about convenience. If we see that something can be done even smarter, we'll make it work. And that is how we arrived at the Safe-Quick® 2, the most intelligent version of our rolling tower to date."

SAFE-QUICK® 2: ONE STEP FURTHER

The first Safe-Quick® was launched on the market in 2013. In doing so, we introduced a new, innovative assembly method for rolling towers: thanks to the frames of fixed rails and struts, you, as the user, will be protected all around even before you reach the next platform. With the Safe-Quick® 2, we are taking a step further in safety, and especially in ease of use. That is exactly what the end user would expect from Altrex.

"The new version of the Safe-Quick® has a number of notable changes, or rather additions", Dijkma continues. "For example, we noticed that there was a desire to make longer scaffolding, in order to link them along a wide façade, for instance. The innovation lies in the new, narrower clamps. This makes it possible to attach multiple scaffolds to each other, without creating a difference in height between platforms. That is practical and, in particular, very safe."

MORE COMFORTABLE, FASTER AND SAFER

Another strong point is that the frames are easily stackable. Due to the innovative design of the aluminium tubes and joints, the frames fit together well. This enables you to build a stable and higher stack when you disassemble the rolling tower. An additional advantage is that the system takes up less space during transport. A logistic plus, in other words.



Maximum ease of use, that is our goal.
And we are also miles ahead of new regulations."

"If I have to decide on the biggest plus, it would be the ease of use", Dijksma decides. "The Safe-Quick® rolling tower can be assembled more comfortably and faster. This is mainly because the arms form a single unit. So no more loose components that you need to assemble piece by piece. And because there is only one correct way of assembly, you have less chance of doing it wrong. And naturally, the Safe-Quick® 2 also looks nice." ■

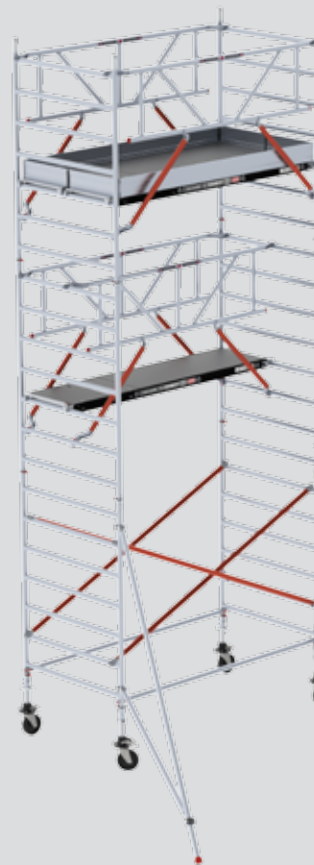


NEW TYPE OF PLATFORM HOOK FOR ERECTING YOUR SCAFFOLD

At the BouwBeurs in Utrecht, we introduced our latest innovation that makes erecting and dismantling a scaffold even faster and easier: a new type of platform hook. The new platform hook has a unique design, including an integrated wind lock. Its red colour shows you immediately which side of the platform you must lay first. This ensures that the new type is smarter, safer and more useful. The new hook is available for the RS TOWER 5, MiTOWER and MiTOWER PLUS tower scaffolds.



RS TOWER 5



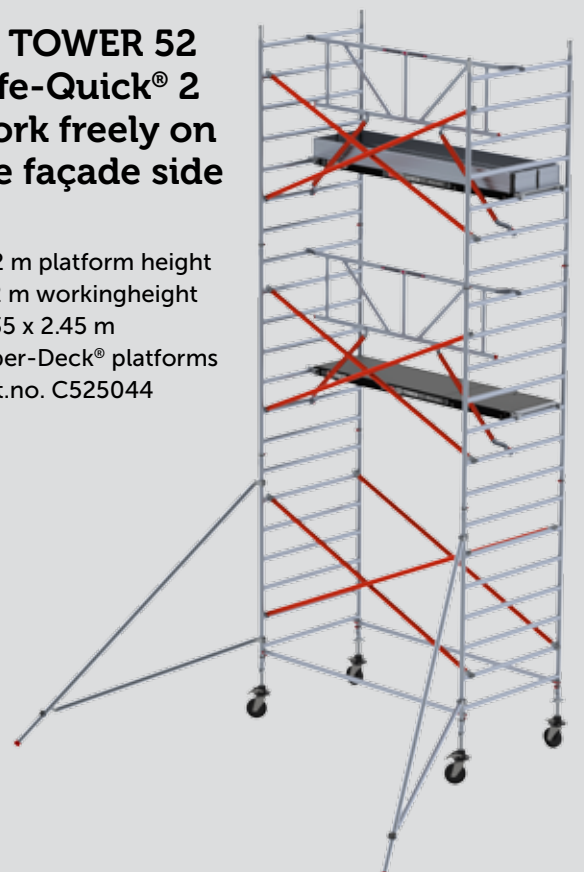
RS TOWER 52 Safe-Quick® 2

- 5.2 m platform height
- 7.2 m workingheight
- 1.35 x 2.45 m
- Fiber-Deck® platforms
- Art.no. C525014



RS TOWER 52 Safe-Quick® 2 Work freely on the façade side

- 5.2 m platform height
- 7.2 m workingheight
- 1.35 x 2.45 m
- Fiber-Deck® platforms
- Art.no. C525044



The single person access solution for Nenko

Altrex MiTOWER

Altrex can be found everywhere. After all, wherever work is carried out at heights, there is a need for safety. A need for smart, compact solutions. The latter, specifically, was a powerful argument for Orlando Cuppers of Nenko BV Nederland to purchase our MiTOWER. But the single person rolling tower has even more advantages for him and his colleagues.

The fact that Altrex access equipment is not only used on construction sites, is nothing new. Yet it is sometimes surprising, all the places where our products are used. Like at Nenko BV. The family company, which is celebrating its 30th anniversary, develops and delivers customized play equipment for healthcare. "In our field specifically, the MiTOWER is perfectly useful. Partly because it can be assembled and disassembled so quickly," explains Orlando Cuppers, Director at Nenko.

INTELLIGENT, QUICK AND SAFE

Senses, development and perception play a big role in the products of Nenko. "We supply customised games, tools and apparatus for Snoezel rooms and gyms, among others things", Cuppers explains. "In doing so, we often work at heights. For example, to mount a projector on a ceiling in one of our interactive gyms or to perform minor maintenance. Before, we often rented scaffolding. These are often large and damaged by use on construction sites. Moreover, you need at least two people to assemble the scaffolding."

For Cuppers, every reason to look at a lighter and more intelligent solution. Which is how he ended up at Altrex and discovered the MiTOWER. "An average gym is 5.5 meters high. This rolling tower can be assembled to a height of 6 meters in less than 15 minutes. Exactly what we need. The short assembly time is especially important to us. Many gyms are constantly in use. With the MiTOWER, we can perform maintenance within an hour, including the assembly and disassembly of the rolling tower. Quickly between the gym classes. A godsend for us and for our customers."

*"With the MiTOWER, you can take on any job by yourself.
A huge gain for us."*



The quick and convenient assembly and disassembly sometimes even causes amazement among the customers, Cuppers adds with a smile. "When we tell our customers that we will have the maintenance done between classes, they look puzzled. They come see for themselves, that everything is done in no-time. And the MiTOWER also looks very professional. For which we have also received many compliments. It strengthens the image of our company."

COMPACT CONVENIENCE

The transport of the MiTOWER is also a plus point, in Cuppers' opinion. The scaffold materials are lightweight and the loose parts quickly make a mobile trolley. Due to the handy size, it fits through standard doorways and in most vans.

"Although I perform a lot of maintenance myself, I can now send a colleague out on jobs with peace of mind. The MiTOWER really can't be assembled incorrectly, thanks to the clever system and clear instructions that are indicated on the parts. This makes the rolling tower stable and secure. And that's a comforting idea when a colleague is out on a job alone."



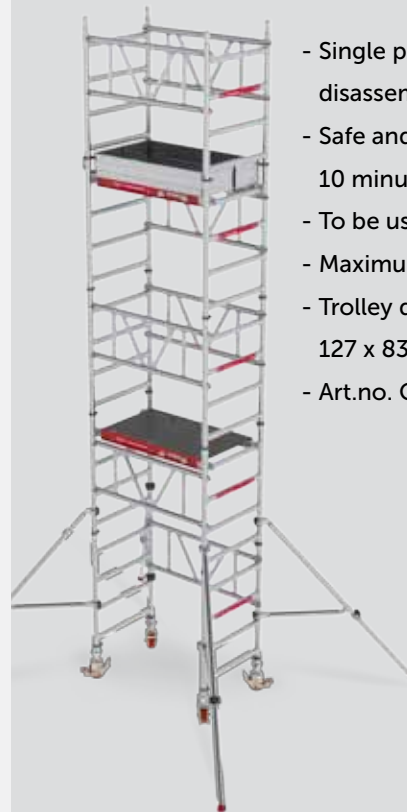
Compact, easy to transport and can be assembled by one person. These are the pluses that were decisive for Nenko BV in choosing the MiTOWER. "And the brand Altrex, that is an added value. We deliver the best quality to our customers, which we ourselves want to work with."

Would you like to know more about Nenko BV?

Visit www.nenko.nl and www.ispace-sports.nl ■

MiTOWER

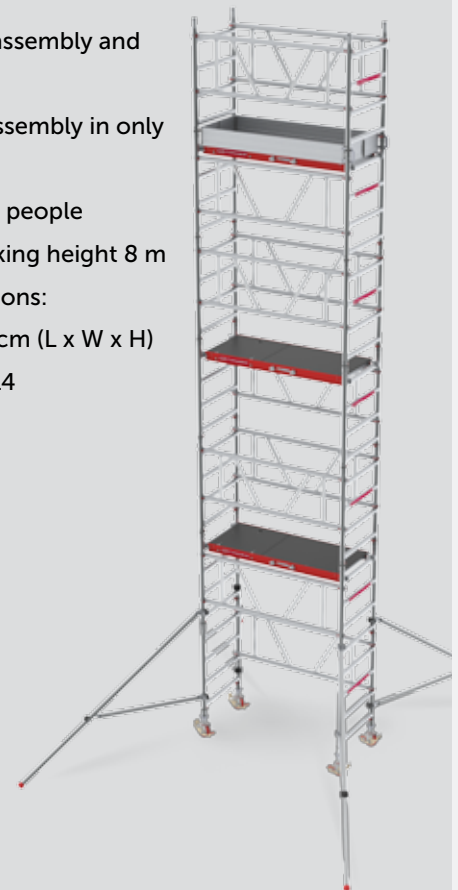
The single person access solution



- Single person assembly and disassembly
- Safe and fast assembly in only 10 minutes
- To be used by one person
- Maximum working height 6 m
- Trolley dimensions: 127 x 83 x 158 cm (L x W x H)
- Art.no. C003002

MiTOWER+

- Single person assembly and disassembly
- Safe and fast assembly in only 12 minutes
- To be used by two people
- Maximum working height 8 m
- Trolley dimensions: 172 x 83 x 210 cm (L x W x H)
- Art.no. C003014



RS TOWER 4**RS 44-POWER**

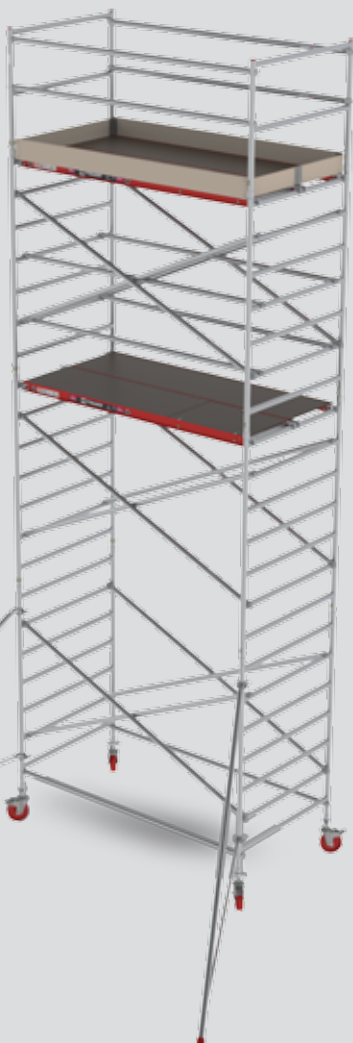
Compact folding-/rolling tower for narrow spaces



Art. no. 326001

RS TOWER 42

- 6.2 m platform height
- 8.2 m working height
- 1.35 x 2.45 m
- Wooden platforms
- Art.no. C420003



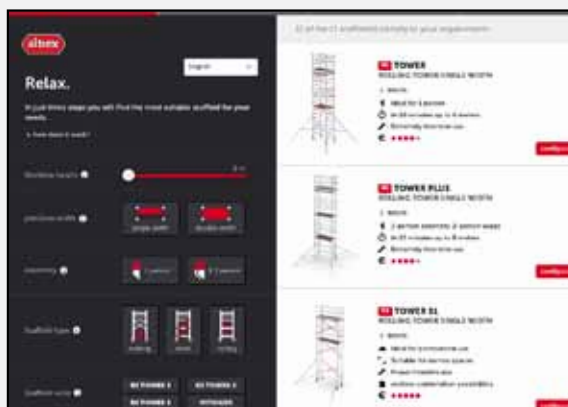
Scaffold Configurator

Simple and convenient

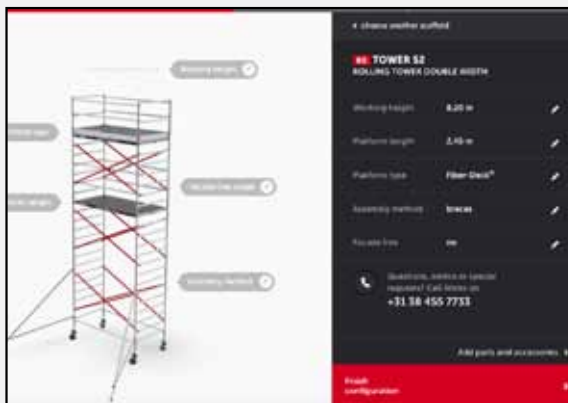
If you're looking for a scaffold, the Altrex scaffold configurator offers the solution. In only three steps you will find the most suitable scaffold for your needs. Simple and convenient. Makes the use of a scaffold even easier by adding extra components or accessories. This will enable you to work at height with the comprehensive professional kit.

www.scaffold-configurator.com

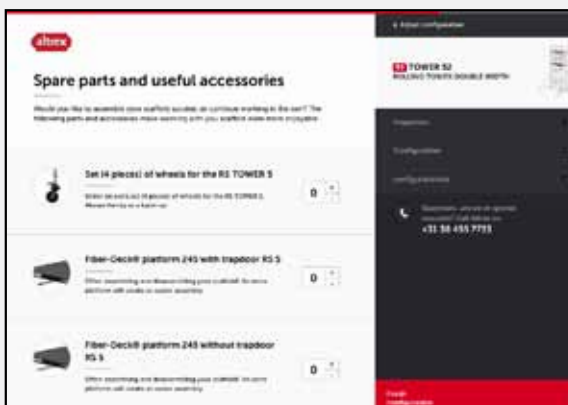
1 Fill your wishes



2 Compose your scaffold

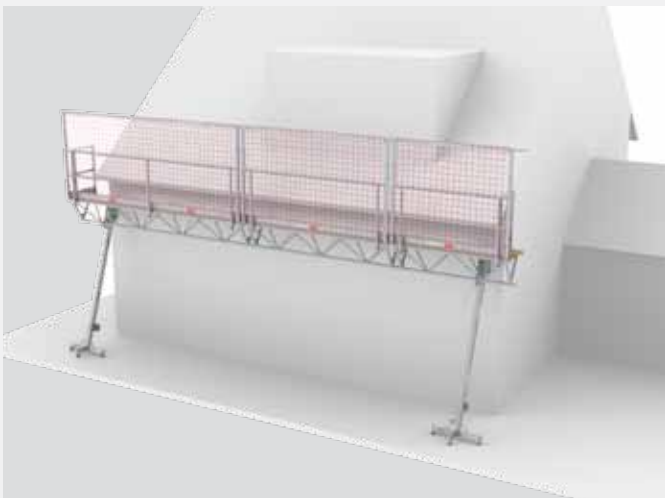


3 Select desired accessories

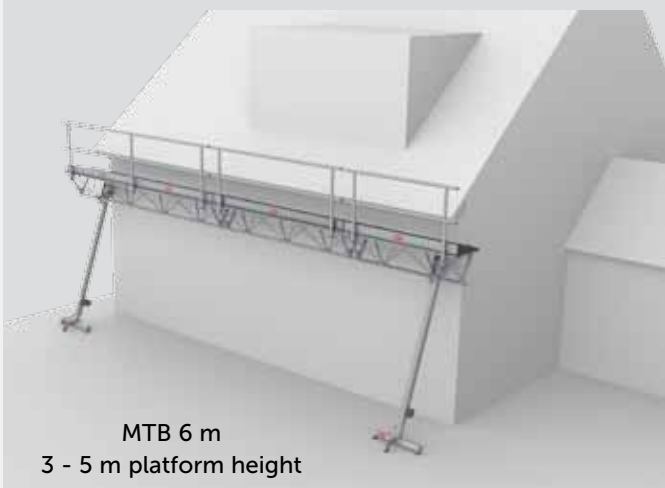


Modular triangle bridge with roof edge protection

A unique combination



MTB DRB 6 m
4 - 6 m platform height



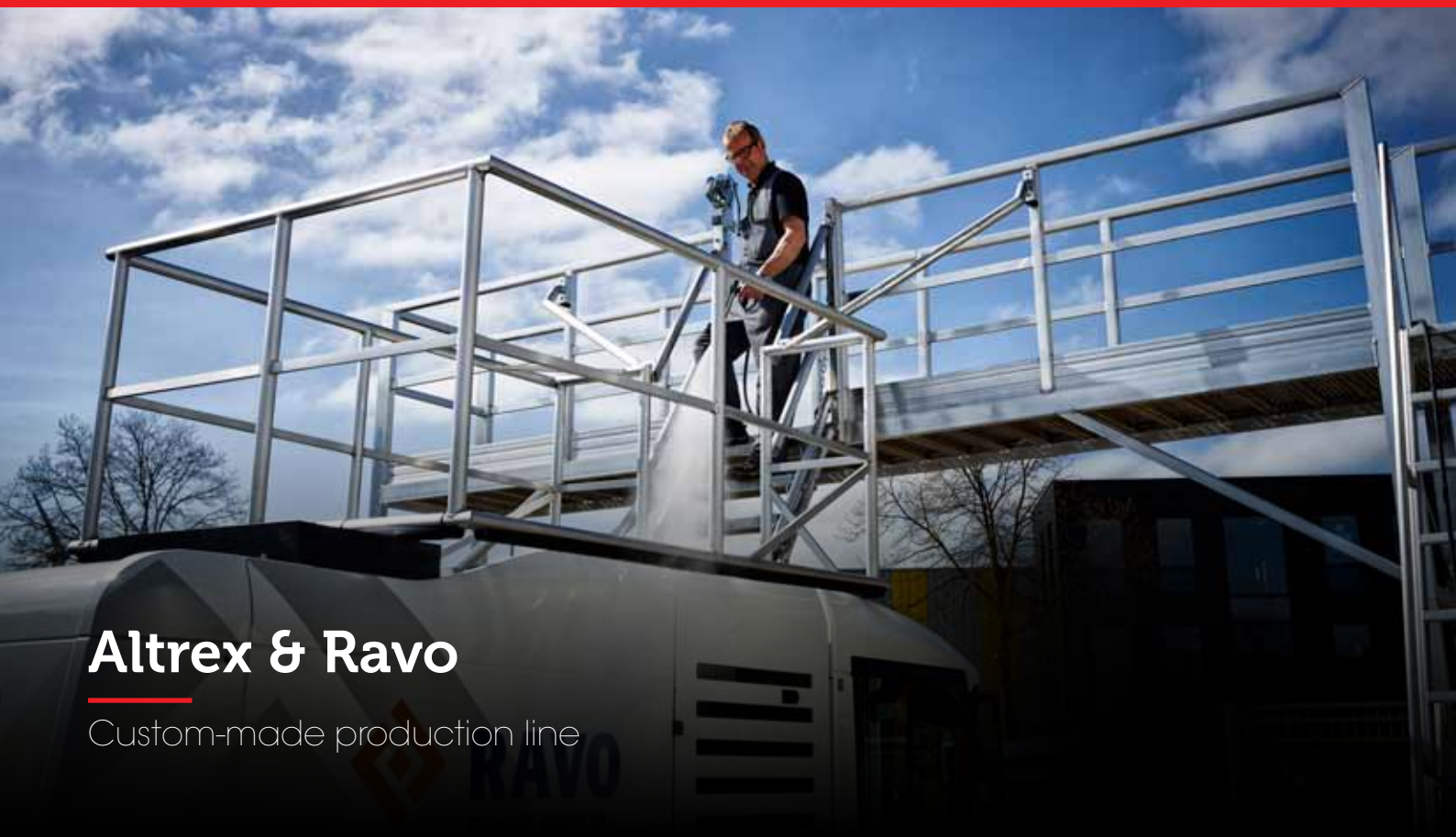
MTB 6 m
3 - 5 m platform height

An exceptional combination of a work platform and roof edge protection. In just a few moves, you can build the modular components into a complete work platform with roof edge protection.

This unique triangle bridge can be built easily from the ground up and is then positioned at height using a hand winch. The nets provide optimum safety for working on roofs. Flat and sloped roofs (up to an angle of inclination of 60 degrees). The Altrex Modular Triangle Bridge is the safest work platform for all roofing tasks.



Combinations of the cleverly designed trusses with safety nets of 2, 3 or 4 metres in length provide a range of different lengths. The open v-shaped trusses can also be stacked and transported easily. Anti-slip floors and guardrail frames with integrated toe boards and knee- and hip rails provide additional safety measures. ■



Altrex & Ravo

Custom-made production line

You've undoubtedly seen them. The cleaning trucks that clean the streets and tidy up the city centres. RAVO Benelux, maker of the compact, cleverly designed trucks, asked us to work with them on a similarly smart solution. Access solutions to streamline the production process, make it safer and lighten the load of the workers. Customisation, in this case. And certainly a challenge. But we love challenges at Altrex.

A PRODUCTION LINE FULL OF INNOVATIVE SOLUTIONS

Just like every situation, the request from RAVO was unique. There is no standard when it comes to custom-made. In a production line such as this, where every week ten cleaning trucks are constructed in consecutive stages, safety and well thought out access solutions are vital. This was also the conclusion of the Labour inspectorate when he paid a visit on location. Safety could be improved and separate, standard access equipment were being used. It was a definite challenge.

The work on the production line takes place at various heights and next to, on and around the trucks themselves. This requires working bridges, walkways and industrial platforms that connect seamlessly into the production process. Altrex put its mind to the task in order to fulfil the legal regulations and norms, the requirements of RAVO and its employees. Specific and innovative.

THE PROCESS

COOPERATION AND FORWARD THINKING

The issue was clear. The solution needed in-depth consideration. Together with the people from RAVO. They know better than anyone, the exact requirements of the workplace and the process. And together, you can come up with a genuinely customised solution.



TECHNICAL DRAWING

An Altrex engineer from our Customer Solutions department visited the location to gather information and draw a solution 'in the field'. The result? a clear technical structural drawing.

DRAWING AND CALCULATING

For the entire process, safety was the primary consideration. We took this into account even during the drawing phase. The strength and stability calculation is carried out in every phase, as standard. In this regard, Altrex is unique within the sector, and we are rightly proud of this.

SAFETY AND CERTAINTY

The constructions for RAVO were tested after construction. Because, alongside safety, Altrex also champions certainty. We continue to monitor and collaborate even after assembly. Working with new solutions often also provides new insights. This led to a genuinely customised solution for RAVO.

"We have noticed that safety awareness with regard to work has improved", says Nelly Raap-Appel, operational support and facility manager for RAVO. 'It is often a topic of conversation on the work floor. Employees work quicker, more easily and move around and lift things a lot less. All in all, this confirms we made the right choice in Altrex."

Nelly Raap-Appel

Operational Support and Facility manager



ASSEMBLY, MAINTENANCE AND CLEANING: AN ALTREX SOLUTION FOR EVERY STAGE

A production line with various different process steps requires smart and above-all variable solutions. RAVO is now working more safely and efficiently. On, next to and around every cleaning truck. RAVO and its employees have been working with access equipment from Altrex for some time now. Alongside a more efficient working method, everyone regards the solutions as a valuable addition to the production process and an improvement to safety. ■

Mobile industrial platform stepladder

Movable stepladder 5-steps (45°)



Container stairs

Standard and custom made



Altrex developed a container stairs for tankcontainer trucks for one of the worlds largest oil companies. The stairs enables the filling, sampling and inspection of the tankcontainer to be easier, quicker and safer. The top of the container stairs is equipped with a safety cage to protect the user.

The EN 131 is being tightened

The most important changes in a row

EN 131 is the European norm for ladders, folding ladders and stepladders. EN131-1 prescribes everything related to terms, definitions and dimensions. EN131-2 covers tests which products need to comply with. As of 1-11-2017, both norms will change. But which of these changes will you see in practice? We have listed the most important changes for you, in a row.

BASE WIDTH WILL BE WIDER

Single, extending and combination ladders that are higher than 3 meters will have a wider base width. This means that the bottom of the ladder should always be provided with a stability bar or bent beams. This gives you a more stable base and you can work more safely.



LADDER SECTIONS NOT REMOVABLE

It is no longer allowed to disconnect the ladder section of ladders (of more than 3 meters). That means that, with to 2 and 3 piece ladders such as sliding and combination/extendable ladders, a ladder section can no longer be removed. This ensures that the ladder sections remain together and that you always work with a complete ladder.



With these changes, you will work even safer at heights.

If you would like more information, please contact our consultants. ■

Since 1950



65 years of innovations. Smart ideas that all the time grow out to become the new standard in access solutions.

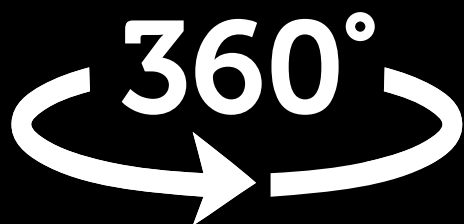
VIEW THE ALTREX FACTORY IN VIRTUAL REALITY

Always wanted to take a look at our great production facility? You can, with our new 'Altrex 360' app.

Download the 'Altrex 360' app and view our factory in 360 degrees, on your phone.

Want an even more unique experience?

Place your phone in a pair of VR glasses or cardboard and check out the virtual tour.



Download **Altrex 360°** app on





www.altrex.com



Follow Altrex on social media [t](#) [f](#) [v](#) [in](#)

Altrex B.V., P.O. Box 30160, 8003 CD Zwolle, The Netherlands, +31 38 455 7777, sales@altrex.com

All rights reserved.