



Industrial Solutions

Safe, reliable & robust

Top of the line vertical access solutions

Service elevators for passengers & materials



Electrabel - Rotterdam - The Netherlands

RAXTAR Above and Beyond

RAXTAR offers world class vertical access solutions: construction hoists for passengers & materials, industrial and material hoists. Our solutions excel in operational reliability and fast deployment for the lowest total cost of ownership (TCO) in the market. The modularity of our solutions drastically increases our customers utilization rates.

RAXTAR is a synonym for meeting the highest quality and safety standards. All our solutions are either CE marked and

certified according European Norms or comply with ANSI, Atex and NEC safety requirements.

RAXTAR is a knowledge based company that creates state of the art solutions on the principles of continuous improvement, cooperation, acumen and best practises.

Our customer oriented approach results from more than 40 years of hands-on experience.



Unique selling points:

- Instant access to core processes
- Low total cost of ownership (TCO)
- Increased equipment uptime
- Robust design for use in strenuous environments
- Indoor and outdoor application
- Deployable in existing and new buildings or installations & structures
- No need for expensive lift shafts or elevator rooms
- Standard or custom solutions



Key features:

- Non-proprietary (open standard) parts only
- Low maintenance (component protection)
- User friendly control interface, via touch panel, key pad, jog dial or joystick
- RX Control internet tool for remote management
- Optional RX Green Power module: save up to 40% power!

RAXTAR Industrial Solutions

Robust, space-saving, applicable indoors and outdoors in existing and new buildings or structures.

Deploying a temporary or permanent RAXTAR lift has a positive impact on equipment uptime, installation usage and overall maximization of production efficiency.

Our passenger & materials hoists anticipate significant better working circumstances and proven increased safety for industrial professionals like machine operators, quality inspectors and (maintenance) technicians.

On top of that they reduce transportation costs of parts and materials up and down machines or installations.

> We are driven by your industry's needs.

Based on your requirements we offer the best vertical access solutions for both people and material.

Safe, reliable & robust proven quality based on many years of experience. RAXTAR industrial hoists are designed for a broad variety of applications, based on the same principal purpose: providing safe and reliable access to one or more industrial core processes.

Permanent or temporary since your production process is critical and often (semi-)continuous, minimizing downtime is crucial.

A permanent lift significantly shortens logistics and maintenance lead-times while contributing to safety and care for your people and materials at the same time.

Temporary (rental) industrial elevators offer a perfect vertical access solution to support construction processes of new buildings and installations or to reduce duration of plant maintenance shutdowns.

Robust and reliable RAXTAR's industrial lifts all comply with our high-end standards with regard to robustness, safety and long lifetime in often challenging and demanding environments

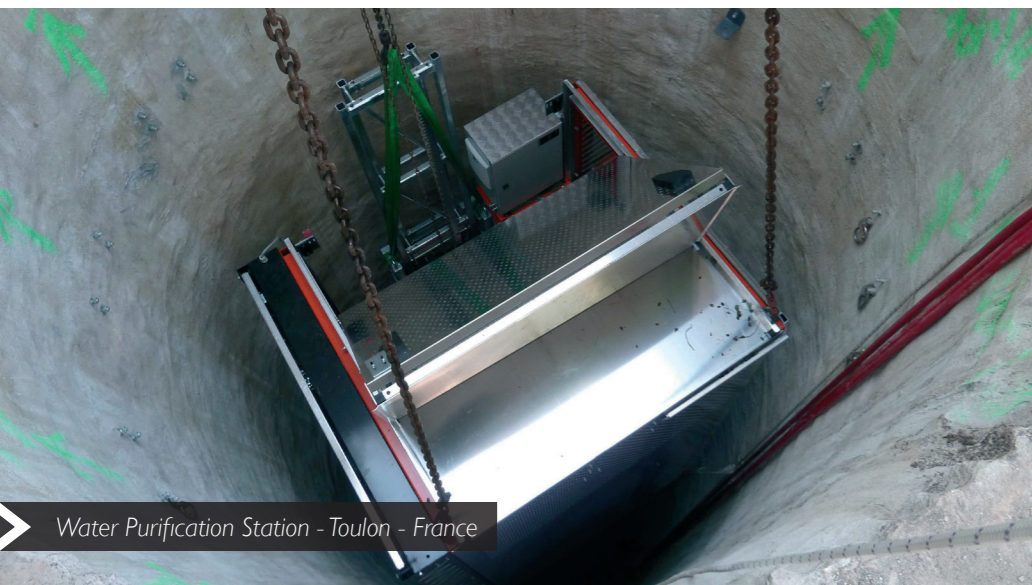
Our access solutions are being used in industries like power plants, petrochemical installations, oil refineries, steel factories, asphalt works, concrete mixers, oil rigs, port cranes, bridges etc.



IPL Petersburg - USA



Edea DSM - The Netherlands



Water Purification Station - Toulon - France



Project Duke Energy - USA

> Let us take care of it all.

From the concept phase of your project to the execution and follow up care, we deliver your lift on a turn-key basis. RAXTAR has a team of designers and engineers focused on installing and servicing the best suitable access solutions for your type of industry.

A RAXTAR industrial lift comes with our quality assurance program to ensure that it is safety certified and meets our standard of excellence.

Services within this program include: construction & engineering advice, transportation & installation, migration & dismantling, training & education, multiple contract models for incidental & preventive maintenance, refurbishment & recertification of over speed safety devices, rental or lease options, revision of permanent lifts (including temporary hoist during revision process), strategic safety stock levels.

Service Level Agreement RAXTAR's own professional repair service solves reported incidents in accordance with terms laid down in our standard Service Level Agreement (SLA).

The SLA contract also holds agreements regarding response times and applicable servicing hours, which can be extended from standard working hours to 24/7 services.

Training & Education Safety comes first. All RAXTAR training, safety seminars, manuals and other literature are designed in compliance with current norms & regulations.

RX Control: realtime information Optionally, all RAXTAR lifts can be equipped with our RX Control Internet Management System, providing realtime status information accessible through the internet from a PC or mobile device. Using RX Control ensures timely or even pro-active and accurate response to reported incidents and is a very effective and efficient tool in decreasing downtimes.

Need an elevator to get mechanics & their tools up to your installation to ensure core production processes? Or do you require a solution to carry both people and substantial loads? We have the right lift for any required job.



RAXTAR Industrial Solutions References

Please consult RAXTAR for more information on different applications for RAXTAR Industrial Elevators.

Power Plants

Duke Energy
Edwardsport, IN, USA
Duke Energy's Edwardsport Generating Station in Indiana, USA is one of the world's cleanest coal-fired power generating stations. RAXTAR supplied a permanent explosion proof industrial elevator for NEC Class I, Division 2, Groups B, C, D. The lift operates in a hazardous location with a risk of explosive gases. The RX2732P elevator according ASME 17.1 has a payload capacity of 6000 lbs - 2700 kg each and a lifting speed of 150 fpm - 45 m/min.

Chimneys

EDF (Électricité de France)
West-Burton, United Kingdom
EDF is the world's largest producer of electricity, from engineering to distribution. For the EDF West Burton power station with total supply to the national grid of 2000mw, RAXTAR supplied two custom made RX400F elevators according to EN81-1 for process control and maintenance works inside the chimneys of the power plant. The hoists were erected in an angle of 6 degrees, with lifting height up to 260' - 80 m travelling at 80 fpm - 24 m/min with a payload capacity of 880 lbs - 400 kg and a cabin size of 3,3'x 3,3'- 1x1 m.

Food Industry

Synutra
France
For the production of baby milk powder RAXTAR developed a special hoist according to the International Food Regulations. The RAXTAR RX2000 elevator with a loading capacity of 4410 lbs - 2000 kg has a main function within the production process. Big bags of milk are being transported at a high speed of 295' fpm - 90 m/min. The elevator works very precise and stops within 0,275' - 7mm. The platform is equipped with a small conveyor belt, which connects with the conveyor belt on the floor.

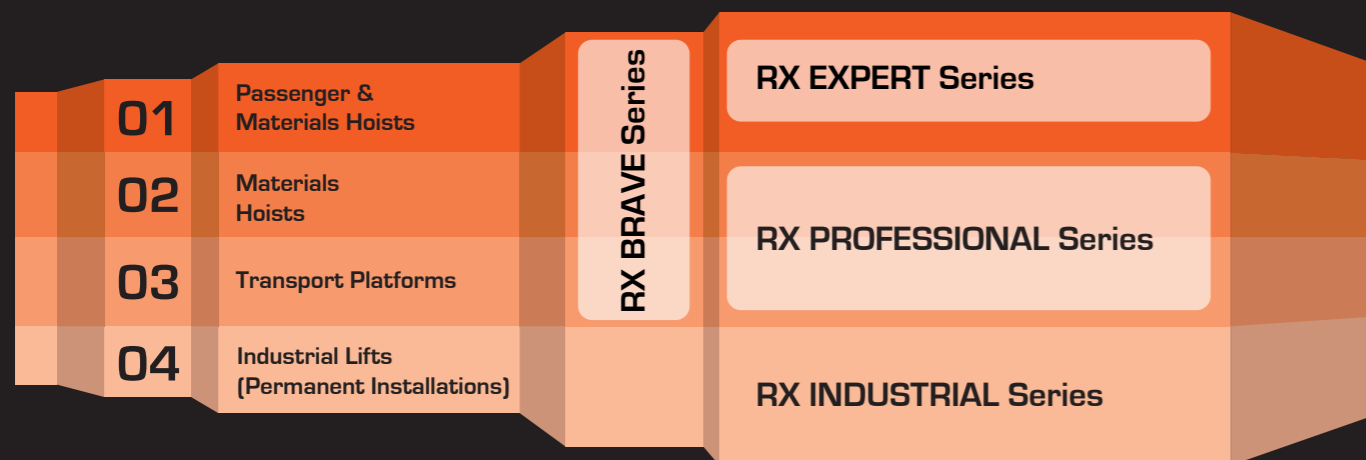
Bridges

Tappan Zee Bridge
NY, USA
The Tappan Zee Bridge over the Hudson river is the longest bridge in the State of New York, USA. RAXTAR delivered two single cabin passenger & material RX2740HF hoists with a payload capacity of 6000 lbs - 2700 kg each and a lifting speed of 235 fpm - 72 m/min for the construction of the new Tappan Zee Bridge. Both elevators travel along the pylons of this prestigious bridge under an angle of 5 degrees bringing workers and materials to a height of 330' - 100,5 m.



Tappan Zee Bridge - New York

Payload in kg	500	1000	1500	2000	2500	3000	3500
Payload in lbs	1100	2200	3300	4400	5500	6600	7700



Technical data

INDUSTRIAL HOISTS SPECIFICATIONS & OPTIONS

Cabin sizes	28 car sizes available
Internal cabin length	1,50 - 6,12 m (4' 11" - 20' 1")
Internal cabin width	1,00 - 3,00 m (3' 3 3/8" - 9' 10 1/8")
Internal cabin height	2,40 - 3,35 m (7' 10 1/2" - 10' 11 7/8")
Door opening height	2,10 - 3,35 m (6' 10 5/8" - 10' 11 7/8")
Passengers	1 - 30
Max. payload capacity	400 - 5500 kg (880 - 1200 lbs)
Lifting height	Up to 200 m (650 ft)
Travelling speed	24 - 105 m/min (80 - 345 fpm)
Motor control	Frequency Control
No of motors	1, 2, 3 or 4
Hoist controls	Semi- or fully automatic
Interface	Keypad, touch panel, joystick or push button
Power supply	380-500V, 50/60Hz, 3phase
Finishing	<ul style="list-style-type: none"> Galvanized Aluminium Stainless steel Polyester Powder coated
Standard	Overload device
Optional	<ul style="list-style-type: none"> Mechanical emergency lowering system Automatic lubrication RX Control internet management Wide loading door to 3,72 m - 12' 1 1/2" Electrical emergency lowering system RX Green Power module Twin cage Counterweight Bluetooth communication Explosion proof

Alternative configurations on request
Information presented is subject to
change without prior notice



Norms & Regulations: A10.4:2007 / CAN-CSA Z185-M87 / EN 12159+A1 / ASME A17.1 / CSA 844 / EN 81-1 / ATEX or NEC



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