



Experts in quality, reliability & safety

Top of the line vertical access solutions to transport
both materials and your greatest assets – your people



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 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 35 years of hands-on experience.

The experts!

Make your new construction development or renovation project a logistic success by deploying our high-end passenger & material hoists.

High-end, top of the line

The RAXTAR Expert Series high-end passenger & material hoists have proven themselves at a multitude of jobsites around the world, the record breaking 1354' feet high set-up at WTC1 in New York undoubtedly being one of the most appealing references of the Expert's extraordinary capabilities.

RAXTAR hoists were developed in close cooperation with leading contractors in Europe and the United States, sharing expertise and experience on logistics & materials handling, on aspects of reliability, maintenance and safety related to the use of hoists in construction projects around the globe.

Unique Selling Points:

RAXTAR solutions provide the best answer to safe and reliable vertical access systems for the lowest Total Cost of Ownership in the market.

• The Flex Drive

Every RAXTAR passenger and material hoist and lift is equipped with "the Flex-Drive". The Flex-Drive is a 3D-concept that results in a smoother drive of the hoist along the mast, guaranteeing less wearing of parts like the racks, pinions, ties and electronic devices.

• Modularity

All RAXTAR hoists are modular; the length of a hoist cage can easily be adapted. Every two RAXTAR single cage hoists can be combined to a twin cage configuration without the need of any extra parts or modifications. Every single cage RAXTAR hoist can be changed from a left to a right mast position in no time. RAXTAR material hoists can easily be transformed into passenger hoists or transport platforms and vice versa.

• Remote Monitoring

All RAXTAR hoists can be supplied with the RXControl system. This system allows access to RAXTAR hoists at jobsites around the world via the internet. Using RXControl supports continuous remote management and troubleshooting, hence enabling operation managers to optimize hoist utilization proactively based on realtime information.

RXCONTROL



WTC - New York



Tour Incity - Lyon



10 Grenelles - Paris

• Standard Electrical Parts

The electrical systems of all RAXTAR hoists are based on standard components available around the globe. Unlike traditional hoist suppliers, RAXTAR solutions are based on an open concept, which lowers delivery times and costs.

• Safety & Regulations

RAXTAR solutions are manufactured in the Netherlands and comply with the highest safety standards. All RAXTAR passenger and material hoists are certified according to European Norms and Regulations or Northern American Standards.

• Bluetooth/Wireless LAN communication

RAXTAR uses innovative technologies to optimize the cost of ownership and increase functionalities. By using Bluetooth or Wireless LAN communication between the hoist cabin and the ground enclosure (or even between multiple hoists at a job site) simple materials and maintenance costs decrease while in the meantime functionality like optimized logistics increases.

• Automatic & Intelligent Lubrication

The greasing of the racks is an important and sometimes cumbersome maintenance aspect of rack and pinion driven machinery. All RAXTAR hoists and lifts can be equipped with an intelligent greasing system, where the hoist "itself" will take care of the greasing of the rack, knowing which parts of the rack need to be greased and at what intervals.

• RAXTAR Green Power

RAXTAR hoists can make a significant contribution to sustainable construction projects. All RAXTAR hoists can be equipped with an ECO-hoist module. The ECO-hoist module regenerates power to the grid when the hoist rides in the downward direction. The ECO-hoist module results in 40% less power consumption compared to traditional hoists.

RAXTAR
GREEN POWER 



RX Global Project References

Some of our prestigious projects around the globe.

One WTC – New York – USA

One World Trade Center or Freedom Tower is the primary building of the new World Trade Center complex in Lower Manhattan, New York City. With its 104 stories and total height of 1774 feet including pinnacle the highest building of North America. RAXTAR provided 13 RAXTAR RX3245SF hoists for a period of almost 6 years to enable the construction of this legendary sky scraper.

Incity Tower – Lyon – France

The Incity Tower in Lyon, France with its total height of 656 feet is the highest tower in France outside of Paris. This innovative building is the first HQE tower (High Environmental Quality) in France. RAXTAR supplied a true logistical solution tailored to demands of the job site. The vertical access solution provided by RAXTAR consisted of a 20,6 feet wide RX2560D dual mast passenger & material hoist mainly for the façade elements, a 18 feet long and 6 feet wide RX2555HF passenger & material hoist for palletized materials and a smaller but fast RX2032SF passenger & material hoist to get the workers to the higher floors.

“De Rotterdam” – The Netherlands

The Rotterdam is a unique multifunctional building on the shores of the river Maas on the famous Wilhelminapier in Rotterdam. The building consists of three transparent towers standing 492 feet tall on a pedestal of cafés, restaurants, a hotel, fitness and with magnificent entrances. Its remarkable mix of functions makes this building a true vertical city. 6 RAXTAR RX2745HF Green Power hoists were used to build the “vertical city”, saving up to 47% on power consumption than traditional hoists through regeneration.

432 Park Avenue – New York – USA

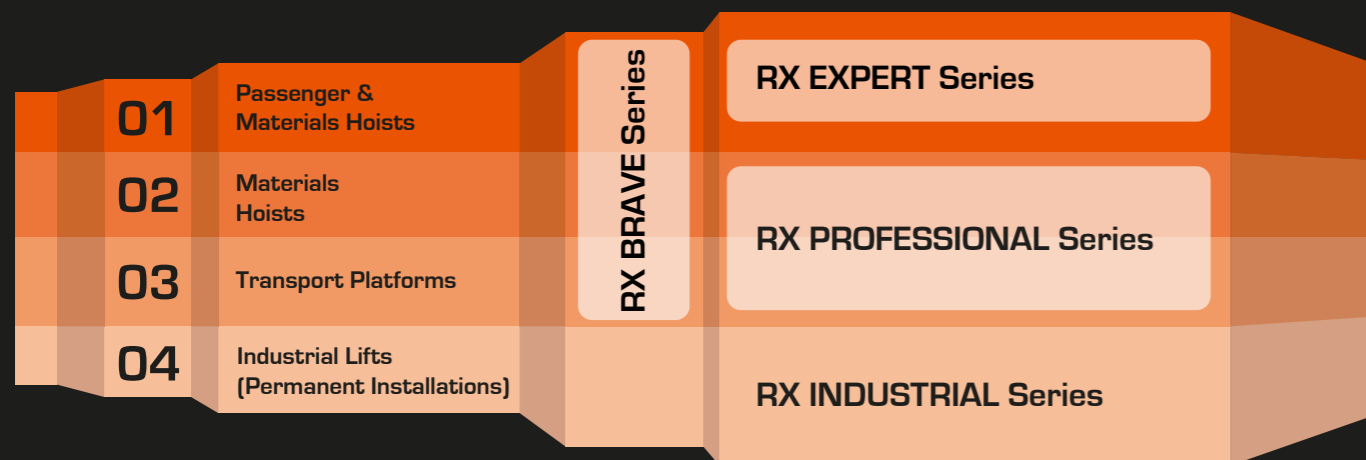
432 Park Avenue is a high rise residential project in New York City. With a height of 1398 feet, it is the third largest building in the United States and the tallest residential building in the Western hemisphere. RAXTAR supplied a dual car RX3245SF travelling to the full height of this landmark building in the Big Apple.

Abu Dhabi Plaza – Astana - Kazakhstan

RAXTAR provided 6 dual car RX2550HF-WB passenger and material hoists, each cabin 16,4 feet long and 6,6 feet wide to this mega project that is considered a milestone in the country benefitting from international experience in the green house building techniques. The tallest of the towers of this five-tower construction project is 600 feet high comprising 88 floors, making it one of the tallest buildings in Central Asia.



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



EXPERT PASSENGER & MATERIAL HOISTS

Model	METRIC				IMPERIAL				Passengers [no.]	Power Supply [V]
	Payload [kg]	Cabin Dimensions [l x w x h]	Lifting Speed [m/min]	Lifting Height [m]	Payload [lbs]	Cabin Dimensions [l x w x h]	Lifting Speed [fpm]	Lifting Height [feet]		
RX1532	1500	3,2 x 1,5 x 2,6	42,72	200	3300	10'6" x 5' x 8'6½"	138,236	650	18	400,480
RX2032	2000	3,2 x 1,5 x 2,6	42,72	200	4400	10'6" x 5' x 8'6½"	138,236	650	24	400,480
RX2040	2000	4,0 x 1,5 x 2,6	42,72	200	4400	13'2" x 5' x 8'6½"	138,236	650	25	400,480
RX2550	2500	5,0 x 2,0 x 2,6	54,72	425	5500	16'5" x 6' ¾" x 8'6½"	177,236	1400	30	400,480
RX2555	2500	5,5 x 1,8 x 2,6	54,72	425	5500	18'1" x 10' 7/8" x 8'6½"	177,236	1400	30	400,480
RX2740	2700	4,0 x 1,5 x 2,6	72,92	425	6000	13'2" x 5' x 8'6½"	236,302	1400	30	400,480
RX2745	2700	4,5 x 1,5 x 2,6	72,92	425	6000	14'9" x 5' x 8'6½"	236,302	1400	33	400,480
RX3240	3200	4,0 x 1,5 x 2,6	72,92	425	7000	13'2" x 5' x 8'6½"	236,302	1400	30	400,480
RX3245	3200	4,5 x 1,5 x 2,6	72,92	425	7000	14'9" x 5' x 8'6½"	236,302	1400	33	400,480
RX3640	3600	4,0 x 1,5 x 2,6	72,92	425	8000	13'2" x 5' x 8'6½"	236,302	1400	30	400,480
RX3645	3600	4,5 x 1,5 x 2,6	72,92	425	8000	14'9" x 5' x 8'6½"	236,302	1400	33	400,480

Norms & Regulations: CE/EN 12159, ANSI A10.4, CSA Z185

FEATURES & FUNCTIONS

Motor control	DOL or Frequency Converter	Overload detection	Standard
Number of motors	2 or 3	Internet management	Optional
Twin cage	Optional	Blue tooth communication	Optional
Hoist controls	Relay or PLC / Calling Buttons	Automatic lubrication	Optional
Interface	Joystick, Push Button or Touch Panel	RX Green Power	Optional
Counterweight	No		

Alternative configurations on request | Information presented is subject to change without prior notice | All rights reserved

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432 Park Avenue - New York

RAXTAR
VERTICAL ACCESS

Learn more about us to ensure your success!

RAXTAR
De Run 4455
5503 LS VELDHOVEN
The Netherlands

T +31 (0) 88 369 0000
F +31 (0) 88 369 0001
E sales@raxtar.com
I www.raxtar.com

 @ RAXTARHOISTS
 @ RAXTARHOISTS
 @ RAXTAR