

Lifting KnowHow

Lifting KnowHow is our promise to our customers. It defines what we are and how we act in order to create ideal lifting solutions, avoid accidents and maintain high customer satisfaction.



Your challenge = Our solutions

The Leading supplier of steel wire ropes, lifting products, and services.
By choosing us as your partner you achieve:

**Innovative troubleshooter with
over 90 years' experience**



**Large stock of
steel wire ropes**



**ISO 9001/14001/18001
certified partner**



Testing and Lifting KnowHow



A flexible organization



High quality products



**Access to our extensive
testing facilities**



**Experienced and well educated
service engineers**



**Access to top quality
brands within our field**



**Large stock of
lifting equipment**



**Large stock of
rental equipment**



**True 24/7-365
service**





Our promise:

“
We do not
compromise on
Health, Safety,
Environment and
Quality.”

About **us** CERTEX (UK)

The right people, skills & equipment

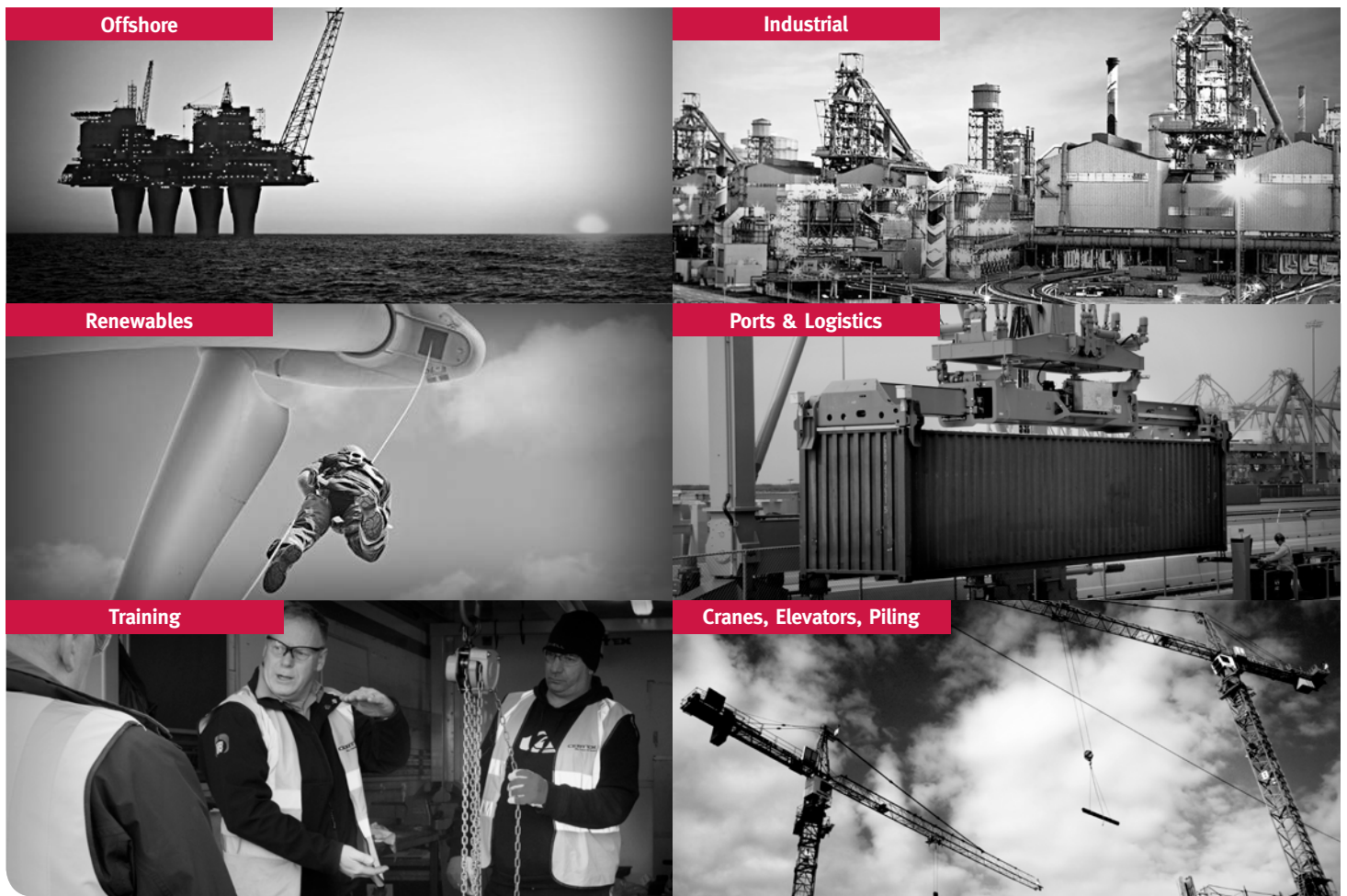
Based on approximately 100 years' experience and KnowHow within lifting and testing, CERTEX (UK) is your safe and reliable partner in steel wire rope, lifting applications and related services.



About

- CERTEX was established in 1968 from the origins of British Ropes of 1924
- CERTEX (UK) has 160 employees
- CERTEX is owned by Axel Johnson International
– a family-owned company since 1873
- The CERTEX division has 1,300 employees in Europe
- The CERTEX division has a turnover of 290 M. €
- Our values are being far sighted, making things happen and being good to work with.

**100 years
of lifting
KnowHow**



Our market segments

Offshore

- Spooling and installation of steel wire rope
- Various load tests
- Large rental fleet
- Supply of special wire rope, lifting products and material handling equipment

Renewables

- P(F)PE equipment incl. anchor points
- Crane systems incl. third party
- Beams, hoists and trolleys
- Inspection and documentation

Accredited Training

- Lifting operation – crane, slinger, appointed person
- Safety – LOLER & PUWER, IOSH
- Inspections – rope, cargo, rigging, equipment
- Fork lifts – ITSSAR
- Accredited – LEEA, ITSSAR, HSE

Industrial

- Bespoke steel wire ropes for all applications
- Repair, maintenance, test, inspection and recertification of lifting equipment
- Supply of all kinds of lifting products, steel wire rope and material handling equipment
- Large rental fleet
- Overhead gantry crane solutions - sale and service

Ports & Logistics

- Including rail, road and shipping
- Crane ropes
- Webbing slings and lashings
- Loose gear including shackles, hooks and chain and wire rope slings.
- PPE including height safety

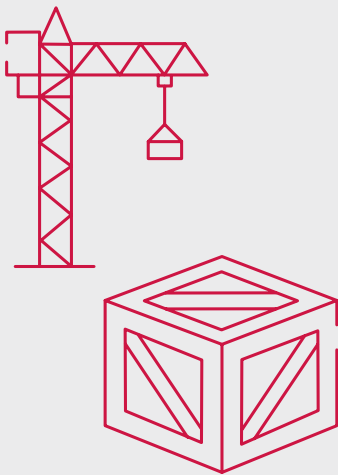
Cranes, Elevators Piling

- Including all cranes, elevators & piling markets

Solution provider

Lifting KnowHow is our promise to our customers. It defines what we are and how we act in order to create ideal lifting solutions, avoid accidents and maintain high customer satisfaction.

Challenge



Lifting KnowHow

Standard products

Customised products

Rental products

Service 24/7/365

Skilled service team



Solution

Your benefits

- Excellent safety
- High efficiency
- Time savings
- Cost reductions
- Full documentation package
- Fully supported
- Quick delivery



Services & products

This is an overview of our main services and products – some times we find ourselves called upon for other specialised jobs where Lifting KnowHow is vital.

- Tests & inspection services
- Load tests
- Inspection & certification
- Maintenance & repair
- Installation- & rigging service
- Rental
- Engineering services
- Training including LEEA, IOSH, ITSSAR accreditations



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Inspection & certification

Online documentation

We know documentation is important to you, and we have made it easy for you to keep track of the various tests we perform on your equipment and facilities.

All certificates are kept in CERTMAX, our online certification service, giving you online access to all your certificates issued by CERTEX (UK) – wherever, whenever.

Your benefits

- Full documentation
- Online database overview
- 24/7/365 access to your certificates and history
- Search on product data
- Automatic request for test of your equipment (option)

**24/7/365
service**



Your benefits

- Excellent safety
- Time saving
- Low testing costs
- Full documentation package including video



**Services
& products**

Tests & inspection services

We perform all kinds of tests and services on and offshore.
Our services are always performed with safety in focus.

- Proof load testing
- Periodic maintenance of lifting equipment
- Examination of loose lifting equipment, fixed equipment, cranes, hoists, davits, flarebooms etc
- N.D.T. – Non Destructive Testing
- Dye Penetrant & Magnetic Particle Inspection
- PPE & PFPE Inspections
- Guarantee legal & regulatory compliance

UP TO 100 TON

Load tests

State of
the art
testing

Testing loads

We have the capability to load test vertically and horizontally

UP TO 100 TON



Water Bag or solid weight

Test of lifting beams, cranes etc. up to 100 ton with our water weights.

Test gantry

We perform load testing of all kinds of equipment on our test gantry



Test bench

Pull and breaking tests up to 100 ton.

UP TO 100 TON



Your benefits

- Become competent and ensure safety
- Packages designed around you
- Train with the experts
- Practical training where required
- Meet legal requirements



**Multi –
Accredited
Provider**

Training services

Certex offer a range of training courses, supported and delivered by our LEEA accredited training instructors. Courses can be held either at a customer premises, or at a Certex (UK) location around the country.

- Lifting Operation Courses – ranging from appointed person to wire rope socketing.
- Safety Training Courses – a variety of courses including LOLER, PUWER (education to Health and Safety Executive regulations) & the Institution of Occupational Health (IOSH).
- Inspection Courses – ranging from crane rope to rigging loft management.
- ITSSAR Accredited Course including Forklift Truck Operator Courses

Ensuring competency and compliance

For the latest courses visit:

certex.co.uk/training



Large challenges often have simple solutions

Certex are regarded as Europe's leader in lifting gear and steel wire rope. Moreover we are highly experienced in the design and manufacture of overhead cranes. Using our service you will benefit from our knowledge of the intricate technical details and experience of solving complex and sometimes challenging tasks, with ingenious and simple to use solutions. We work openly in the market and cooperate with multiple suppliers, therefore we can always compose your solution with the best parts from the most competent manufacturers.

Custom solutions

We are certified by Crane Manufacturer Association. Documents available with our CERTMAX software.



Full responsibility

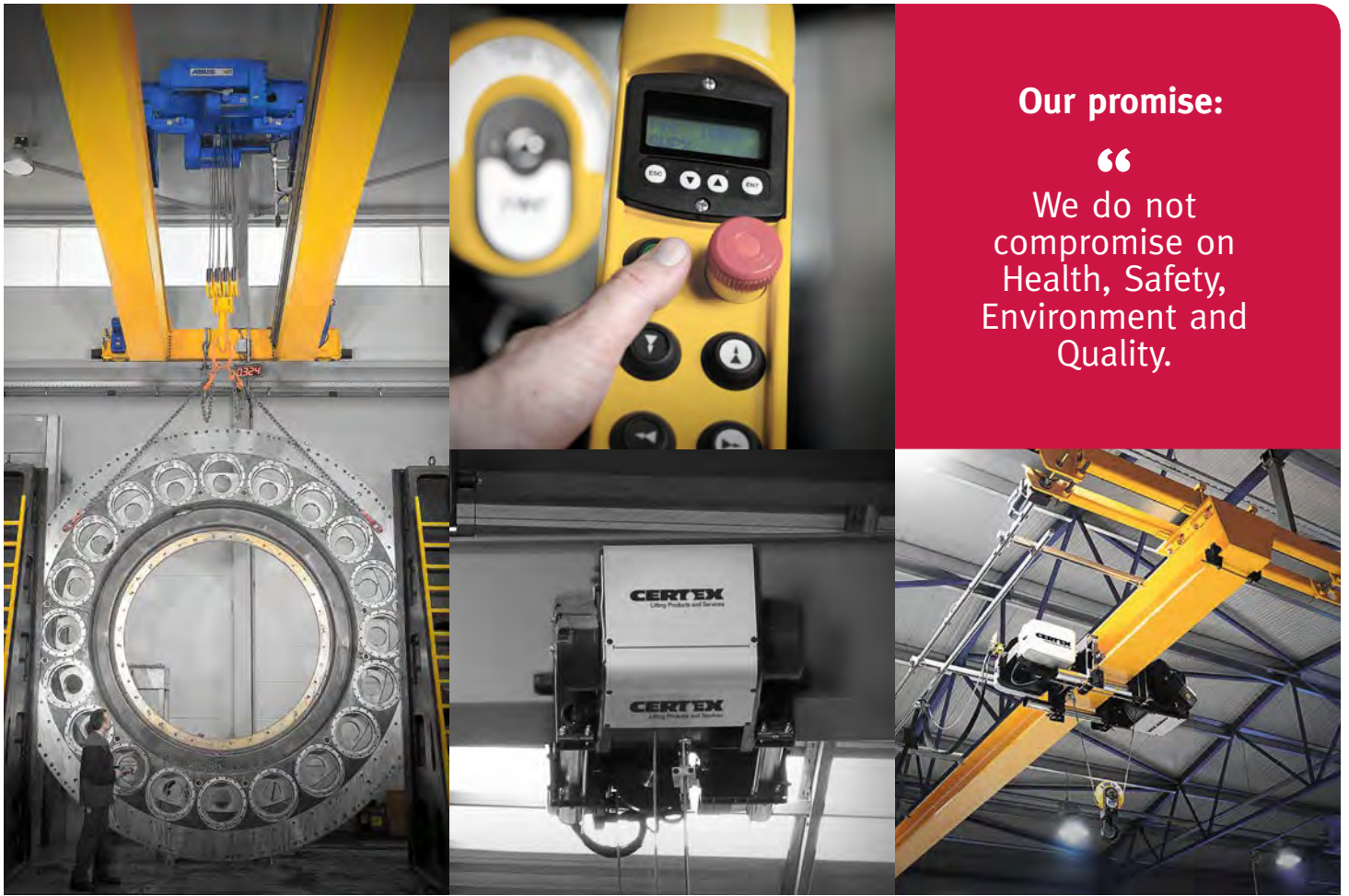
Bringing you the right solution is a top priority. We follow the project through to the end and will not leave the case before you are satisfied.



Outstanding service program

Your complex and particularly difficult tasks are handled by solution architects in our technical department.





Our promise:

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Environment and
Quality.”

Our best ideas can be found in the smallest places

Optimal use of space and maximum workspace for the crane. We make every effort to bring you the most crane for money, savings in other costs and space. Impossible only means that no one has found the right solution yet! We have the skills to design you the right solution.

We offer:

In house solution center

- Development, construction, calculation and drawing

In group production facilities

Large product range

- Quality components
- Standard and custom solutions

After sales services

- European coverage
- Highly qualified technicians

Customer service

- European customer support 24/7
- Qualified and experienced office team

Ownership

- Rock solid and reputable group



Straight to the right solution – at the right price

This is an overview of our main services and products – some times we find ourselves called upon for other specialized jobs where Lifting KnowHow is vital.

Step 1

You need a crane and search for the right solution. Call us and invite us to meet you at your premises.

Step 2

At the meeting we will ask some relevant questions and do measurements for the working area.

Step 3

We design the right crane for the purpose and we calculate a quotation. At this step there might be a few more questions.

Step 4

We bring you the quotation in person including drawings and we go through the material together.

Step 5

After ordering the crane the final design and detail drawings will be processed together with you and eventual sub-suppliers.

Step 6

Completion under our management



CERTEX

**100 years
of lifting
KnowHow**

Height Safety made simple

Check out our easy to understand videos, that let you know what you use and when.



Essential knowledge in height safety systems

Fall protection regulations state

Each employer and employee who has to carry out work at a height likely to cause injury if a fall occurs above or below ground must be protected from the hazard by using the hierarchy of controls such as a security fence, a safety net or a personal fall protection system.

When working where there is a risk of a fall from height, you must follow the requirements of the health and safety at work act 1974 the Management of Health and Safety at Work Regulations 1999 and the Height Regulations 2005 (WAHR).

Personal Fall Protection Systems

We have divided the basic components into items 1, 2, 3, and 4.

Items 1, 2, 3, and 4 make up a comprehensive personal fall protection, and if it is applied correctly it can alleviate or prevent damages from a fall. But all four items must be met, in accordance with existing legislation and applied together – only then it is comprehensive personal fall protection. Automatic request for test of your equipment (option)

Please contact Certex (UK) for more information about fall protection, including consultations and fall protection training. Visit our height safety webpages on www.certex.co.uk for more information.



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Work at height means work in any place where, if there were no precautions in place, a person could fall a distance liable to cause personal injury.

1. Anchorage connector

The anchorage connector needs to ensure compliance with regulation BS EN 795 in regards to personal fall protection and anchorage. An anchorage connector may be a beam, a security fence, a welded construction, a temporary horizontal wire etc.

The standard says that the anchorage connector must be able to tolerate a static load of minimum 12 kN for 3 minutes. The anchorage connector must be as high as possible to minimize the risk of falling, and as vertically as possible in relation to the work place as possible to avoid pendulum swing effects and contact with lower levels in case of a fall.

2. Connecting device

The connecting device is the critical link which joins the anchorage connector to the fall protection equipment and harness. A connecting device may be a sling, steel line, or a carabiner. It must meet the requirements of BS EN 362 and must be able to tolerate a load of minimum 15 kN for 3 minutes.

3. Shock-absorbing device

Shock-absorbing equipment must be installed directly upon on the anchorage line or built into the sliding lock or appropriate sliding block, (loose fall protection equipment is available too e.g. in a lanyard).

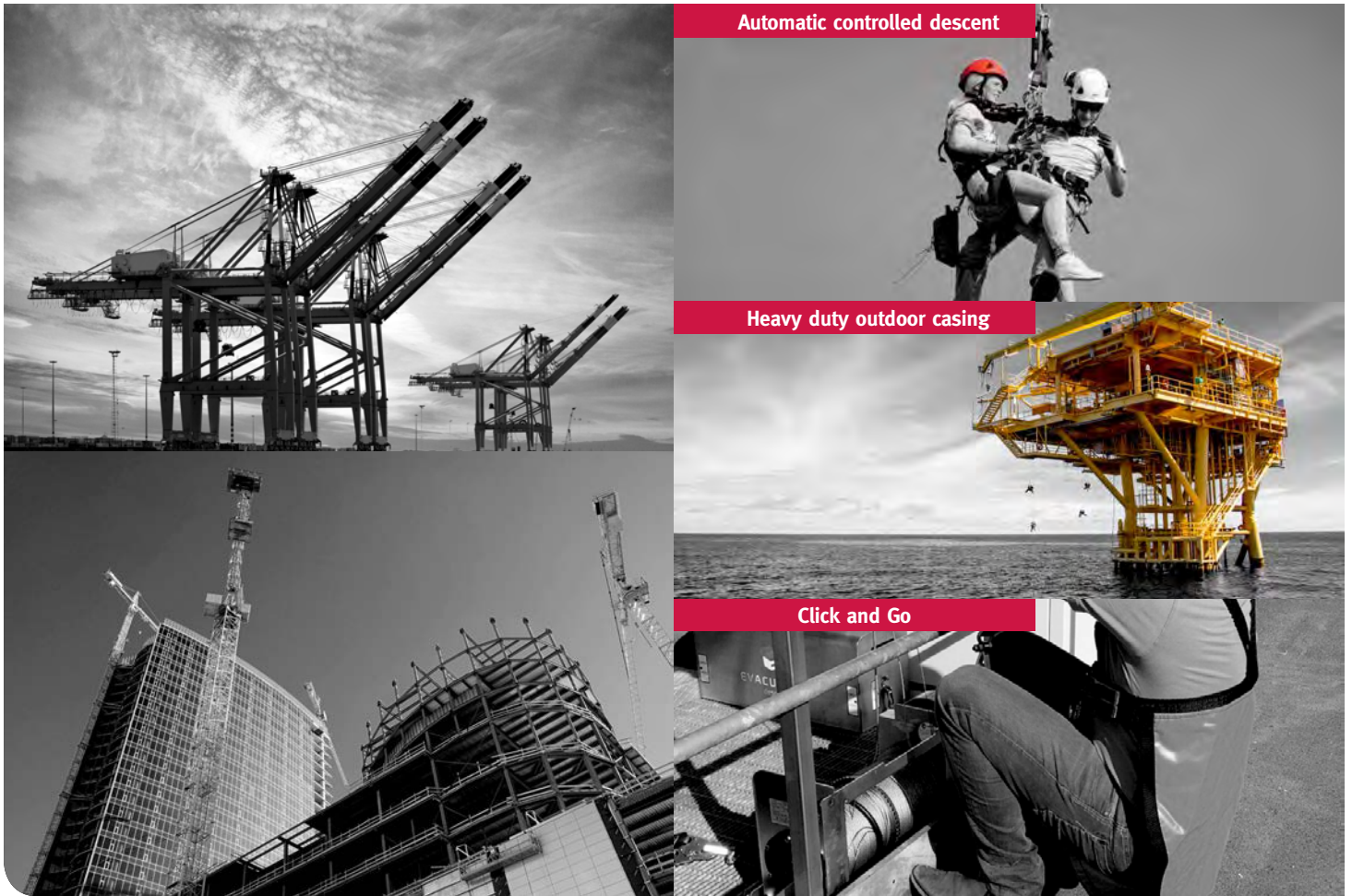
Shock-absorbing devices ensure that the body will not be stressed more than 6 kN. In order for this to work all components in the system must be produced

in accordance with BS EN 365. Always use approved equipment in combination with shock-absorbing devices, or a fall may result in deadly damage to internal organs. Shock-absorbing devices must meet BS EN 355.

4. Harness

Part of the personal protection system worn by the user the harness is considered to be a fully approved and valid personal protection. It must meet the requirements of BS EN 361. The selection of the harness depends on use, environment and type of work.





The World's First Fire Proof Collective Evacuation System

The Evacuater

The Evacuater is the world's fastest and most user friendly fire proof collective evacuation system for wind turbines, tower cranes, power plants, refuge areas/rooms, oil rigs and all other high structures. The perfect escape solution for people in stressfull panic situations: **Click and Go!**

The benefits

- Always ready to go within 10 seconds
- Fire proof
- User friendly
- Fully automatic
- No electricity required
- Collective descent: Max. 282 Kg per reel
- Standard models 50-140-200-300 meters per reel
- Steel cables, can not get tangled
- Controlled descent speed (1m/s)
- Compact
- Easy to install
- Inside, outside, onshore or offshore installation
- Maintenance friendly
- Life span: 30 years
- Cost efficient
- Suitable for all high structures

Standard fire protection casing
Extra fire protection: Up to 1000°C



Escape hooks: Always ready to go



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The easiest
and fastest collective
evacuation system



Wind Turbines

The Evacuator gives compliance with EN50308 § 4.4.2. Wind turbines-protective measures ‘the descent system has to be fireproof enough to allow escape from the nacelle to the ground in the event of fire, it shall be suitable for the number of persons to be evacuated’.

Available
from 2018

Available in 4 models



E50
≤50 meters
4 x 282 kg
12 people evacuation*



E140
≤140 meters
2 x 282 kg
6 people evacuation*



E200
≤200 meters
2 x 282 kg
6 people evacuation*



E300
≤300 meters
1 x 282 kg
3 people evacuation*

*Based on typical weight