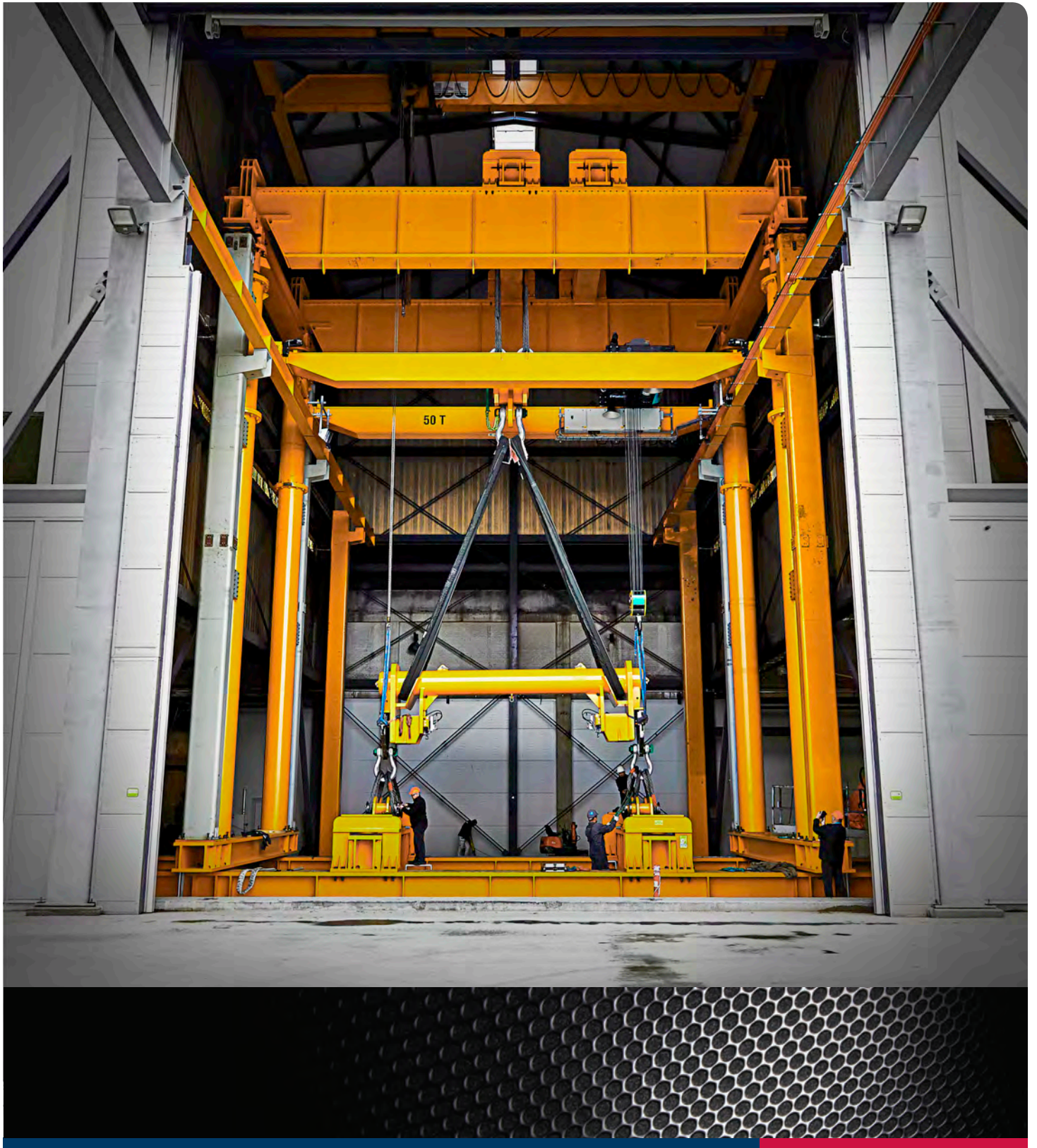
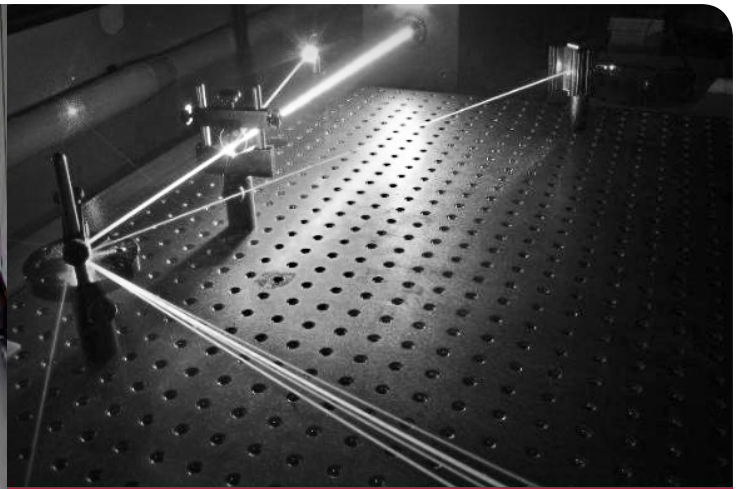
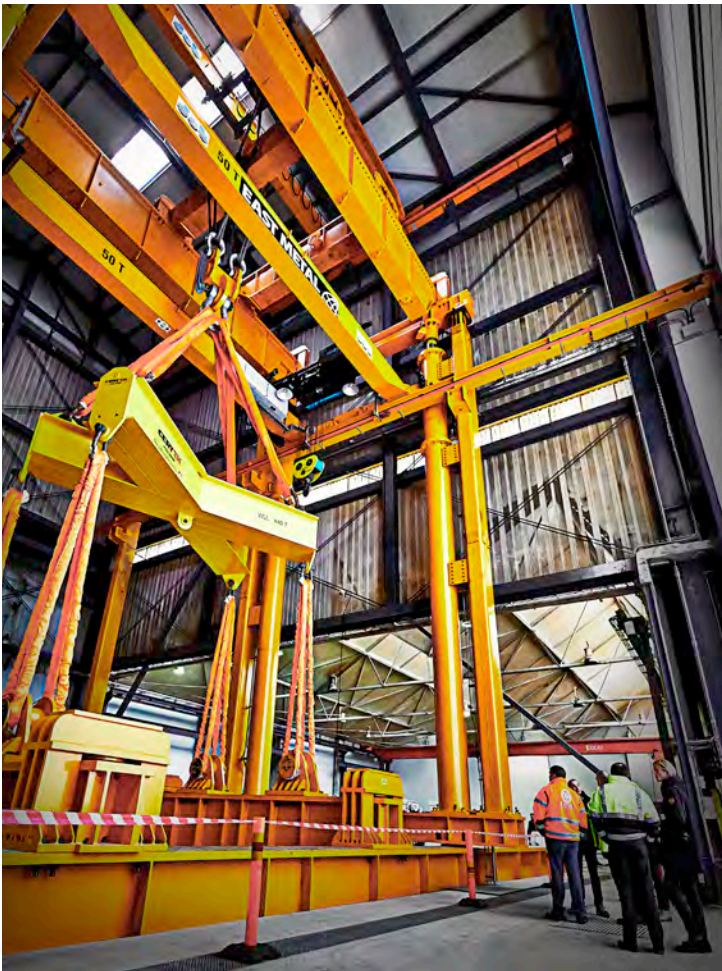


Testing and Lifting KnowHow





1,500 ton test tower

– First in the
world of its kind

Increase safety in the 1,500 ton test tower

In our new test tower we are able to simulate close to a real operation.

With the latest technology and 3D laser measurement we are able to measure and document how your subject reacts in different load situations.

With this new opportunity you can increase safety and reduce your testing costs essentially. Instead of using cranes the new test tower will bring new opportunities for very safe testing.

Possibilities

- Test up to 1,500 ton
- Test of very large subjects
- Precise measurements

Your benefits

- High safety
- High efficiency
- Time saving
- Cost reductions
- Full documentation package

State of the art testing



First of
its kind



Tests & inspection services

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

- Various load tests: Cranes, MOB / Lifeboats, lifting beams, frames and winches
- Spooling tasks – All kinds of wire ropes, synthetic ropes and cables
- Calibration for crane measuring systems and load cells
- Socket casting
- Periodic maintenance of lifting, IACS certified equipment
- Break load test – up to 900 ton
- Class certification tests
- NDT testing



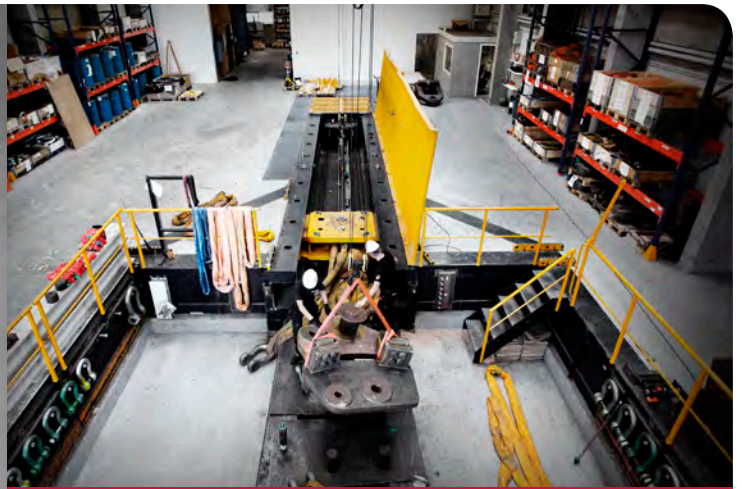
Water Weights

Test of structures up to thousands of ton

With a range of bags designed to test everything from cranes to flightdecks and from bridges to lifeboats. We have the solution for virtually every load testing challenge.

Water is the ideal resource for testing all types of lifting equipment and load-bearing structures – it's available everywhere. That means that with our systems, you only have to transport and store light, flexible material. Our bags typically weigh less than 2% of achievable load – the other 98% is locally-sourced water.

The technology is simple, safe and adaptable, which means you can deploy it practically anywhere – indoor and out, on- and offshore, at your home base or on the other side of the planet.



Your benefits

- High safety
- Economical solutions
- Time saving
- Low testing costs
- Full documentation package



Test tower

Our vertical test tower has a capacity of 50 ton.

In the tower we perform load testing of all kinds of equipment. We always aim at carrying out load test of the subject under conditions that resemble the actual use as much as possible.

UP TO 50 TON



Test bench

With our 1,200 ton horizontal test bench we are able to carry out pull tests up to 1,200 ton and breaking tests up to 900 ton.

The special design of the bench enables us to do pull tests (angle tests) of items up to 500 ton and on subjects up to 7 meters wide.

The bench is equipped with precise sensors that will reveal any elongation.

On request all tests can be video filmed for use as documentation with embedded cameras.

UP TO 1,200 TON



**Safety
first**

Installation & rigging **service**

We recognize customer need for support and help in our area of expertise. Therefore we offer installation and rigging services worldwide.

Installation and rigging services:

- Supervision
- Wire rope installation
- Spooling
- Socketing
- Rigging



LIFTING KNOWHOW

Our Lifting KnowHow is about safety and our efforts to avoid accidents during lifting operations.

For many years we have delivered innovative solutions to our customers' lifting challenges, and through this we have developed extensive expertise and experience.

We use our Lifting KnowHow to give you the best possible service and technical support:

- Advice on selection of production
- Advice on your specific lifting job
- Inspection and certification of your equipment

Your benefits

- No long-term capital investment
- No maintenance-, handling- or storage costs
- Variable costs



Rental

We offer a wide range of lifting equipment for rental. Rental enables you to have temporary access to a complete set-up of lifting tools, convenient for project based operations.

We know that it is crucial to have temporary access to a large set of lifting equipment ready for use and adapted to the different phases of projects.

Rigging loft

Based on your needs and specifications we pack a container and make sure it is on site in time with all equipment in ready to use condition.

Our range of rental equipment includes:

- Pneumatic, electric and hydraulic winches in various sizes
- Manual chain- and lever hoists
- Electric, pneumatic and hydraulic chain hoists
- Snatch and crane blocks
- Shackles in all sizes
- Water Weight bags
- Loadcells



Your benefits

- Full documentation to your client
- 24/7 access to your certificates
- Automatic request for test of your equipment (option)

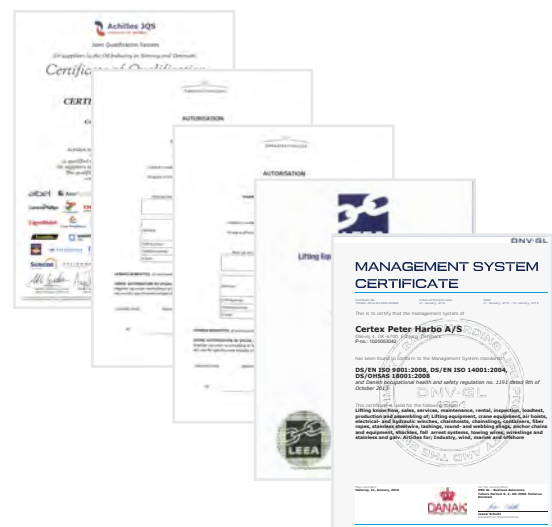
Inspection & certification

Online certification system

CERTMAX is our online certification service which gives you online access to all your certificates issued by CERTEX Peter Harbo A/S – wherever/ whenever.

When needed copies of certificates can be printed on site. CERTMAX also gives you an overview when your equipment requires recertification.

Our HSEQ management system is certified by DNV/GL and covers ISO 9001/14001/18001. Necessary and good for you to know when you make your documentation for your client.





SOLUTION-ORIENTED

- Committed problem solvers
- Reliable and trustworthy
- Well-trained and skilled
- Comprehensive technical know-how
- Flexible and on call 24/7

EDUCATION AND COURSES

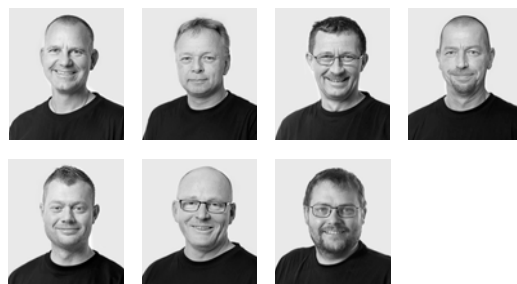
- Certified Ingersoll Rand technicians
- Certified KITO hoist technicians
- BOSIET certified
- GWO basic safety education
- Certified LEEA Instructor
- Certified Skylotec technicians
- Certified Tractel technicians

Read more on www.harbo.dk

Our service team

A team of dedicated employees with all the right competences, application know-how and skills is the corner stone when solving your next project.

Our team is ready to move 24/7 – any time and any day. They will mobilise within hours and find the right solution for your lifting project.



Your challenge = Our **solutions**

Cost reduction is essential – By choosing us as your partner you achieve:

**Innovative troubleshooter with
more than 40 years' experience**



**Large stock of Wire Rope
and Rope**



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



Testing and Lifting KnowHow



A flexible organization



High quality products



**Access to our efficient 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





“

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

40 years
KnowHow

The **right** skills, people & equipment

Our métier is material handling, testing and inspection. Our employees have the skills to serve you in a safe, efficient and economical way.

We know what it takes, and we bring you the best solution to your challenge. Whenever you contact us, you will meet a service minded crew, who on short notice are able to mobilize a team of specialists or to make a solution to your next challenge.

In our production we keep the team up to date and from our well-equipped workshop you will quickly find help to complete your job.

Last but not least – we are able to provide you with very advanced and flexible testing facilities.

Certificates

- ISO 9001:2008 Quality management system
- ISO 14001:2004 Environment management system
- OHSAS 18001:2008 Occupational Health and Safety management system
- MSA R-1970 DNV approved steel wire rope sling according to DNV 2.7-1
- DMA (Danish Maritime Authority) certified
- Achilles certificate
- LEEA member and certified instructor

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Based on 40 years experience
and KnowHow within lifting and
testing, CERTEX Peter Harbo A/S
is your safe and reliable partner
in steel wire rope, lifting
applications and related services.

CERTEX
PETER HARBO

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