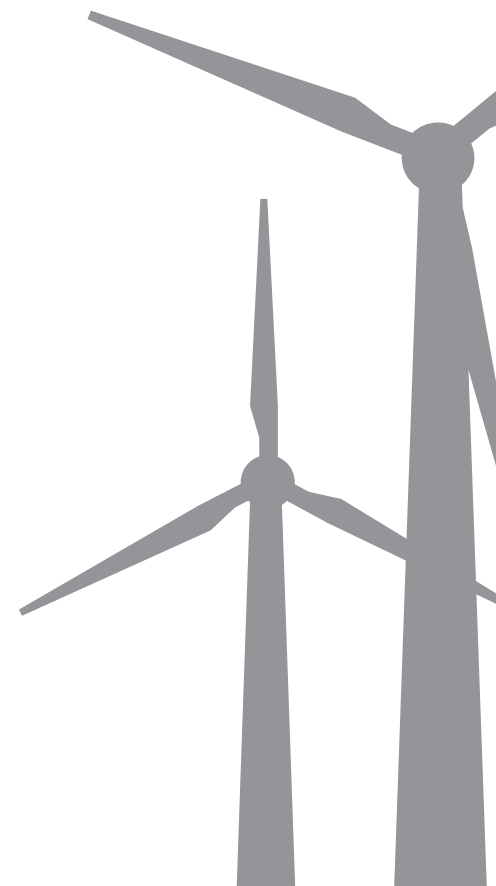
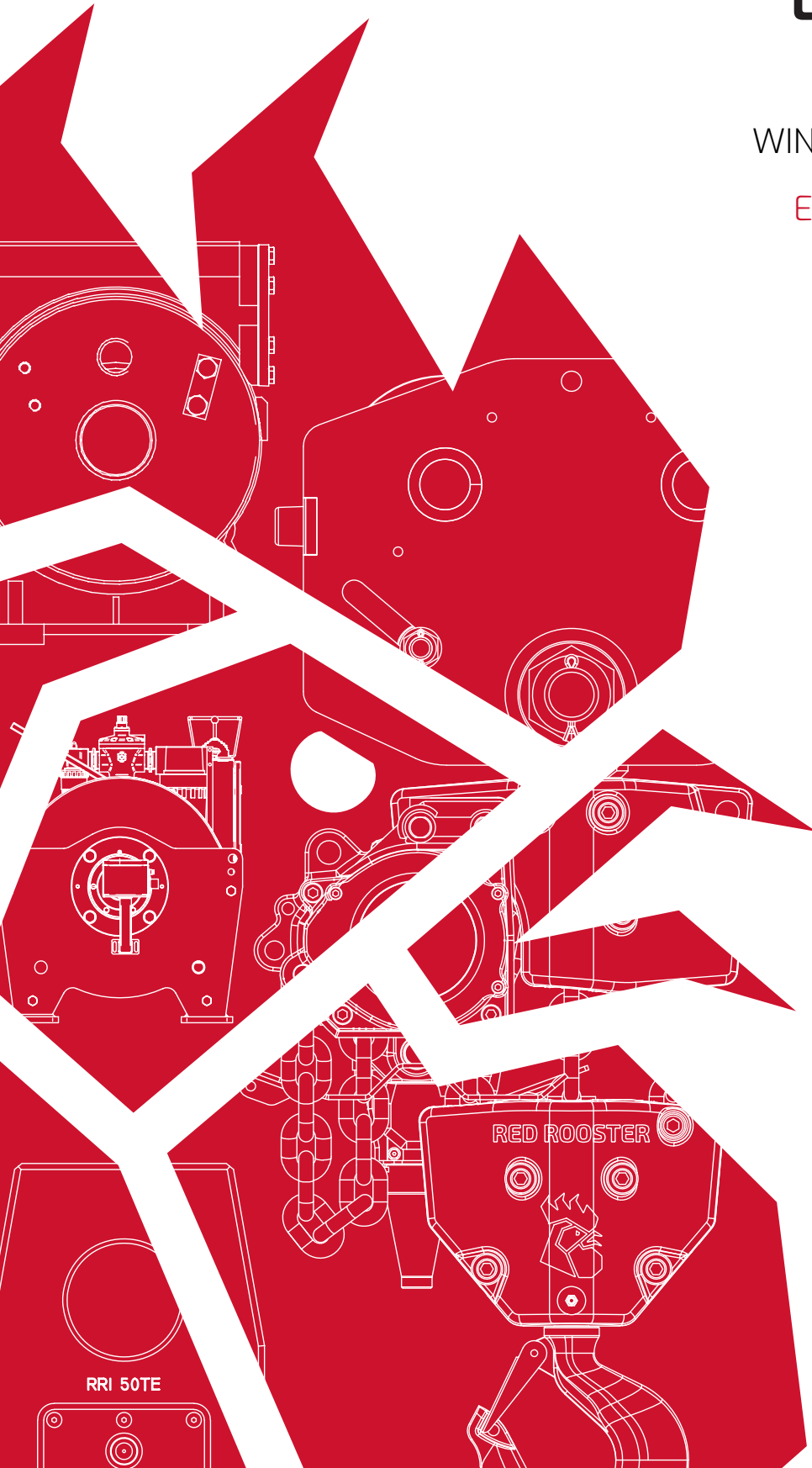




RED ROOSTER LIFTING

WIND ENERGY SOLUTIONS

ELECTRIC CHAIN HOISTS
MANUAL HOISTS
LOAD CELLS
WINCHES



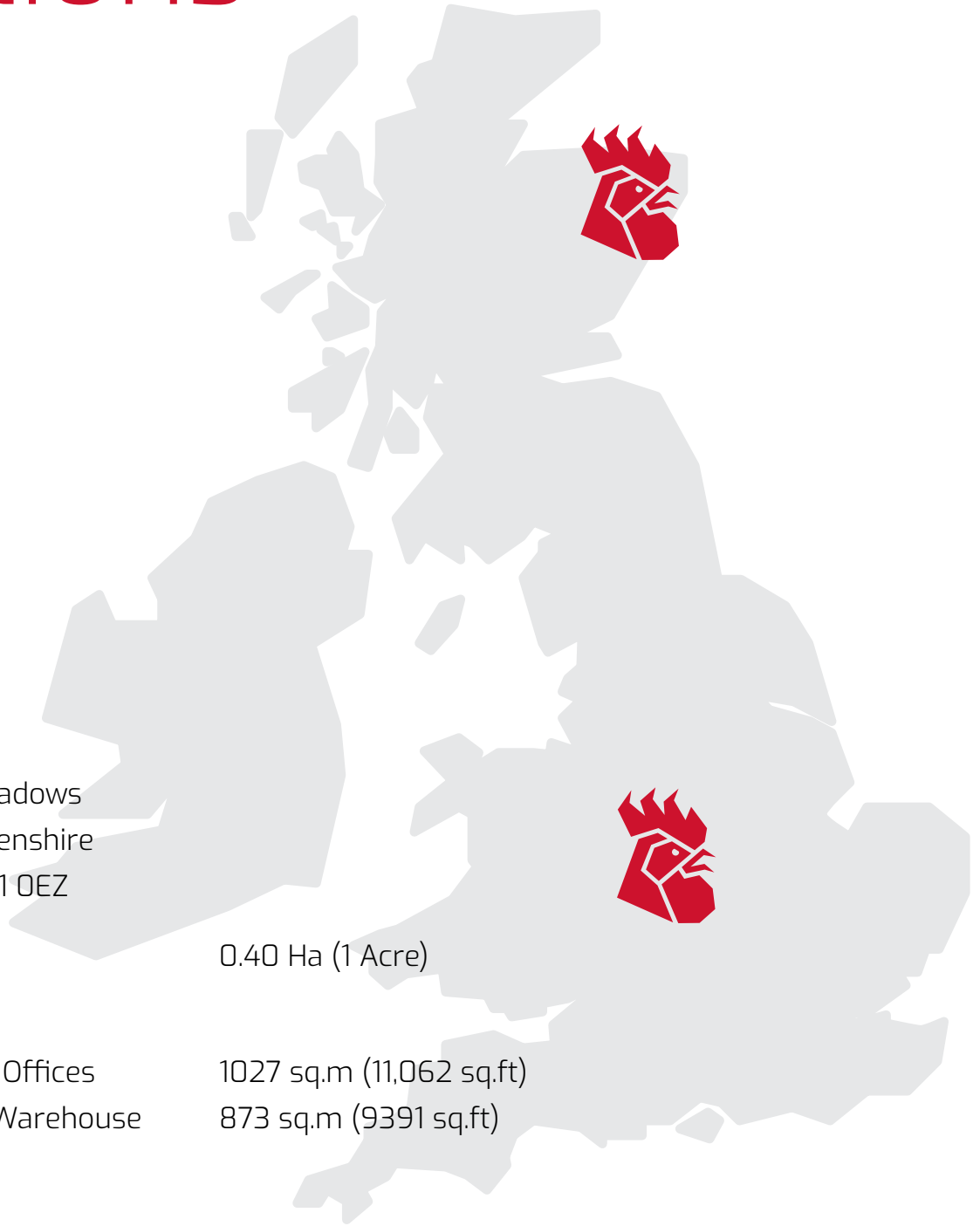
30 YEARS OF
RAISING
EXPECTATIONS



Index

SECTION 1	LOCATIONS	4
	SECTORS	6
SECTION 2	ABOUT US	8
SECTION 3	WIND ENERGY LIFTING SOLUTIONS	
	ELECTRIC CHAIN HOIST	12
	ER2 WIND HOIST	14
	ED WIND HOIST	16
	LOAD MEASURING	17
	MANUAL CHAIN HOISTS	17
	WINCHES	18

Locations



ABERDEEN

Nauta House, The Meadows
Oldmeldrum, Aberdeenshire
United Kingdom, AB51 0EZ

SITE

0.40 Ha (1 Acre)

FLOOR AREA

Main Workshops and Offices

1027 sq.m (11,062 sq.ft)

Assembly Shop and Warehouse

873 sq.m (9391 sq.ft)

WEST BROMWICH

Unit 26, Kelvin Way Trading Estate
Kelvin Way, West Bromwich
United Kingdom, B70 7TW

FLOOR AREA

Offices, Workshop and Warehouse

851 sq.m (9166 sq.ft)



Sectors

Red Rooster Lifting serving global industry

Oil & Gas

Renewables

Marine

Heavy Engineering

Utilities

Agriculture

Chemical

Refineries

Mining

Food & Drink

Construction

Ship Building



There's a reason you'll see our distinctive Red Rooster logo on lifting equipment and load cells offshore and in power plants, refineries, and shipyards across the world. It's because ..

Red Rooster Lifting

Your **No.1** choice
for safety, service,
quality & integrity

About

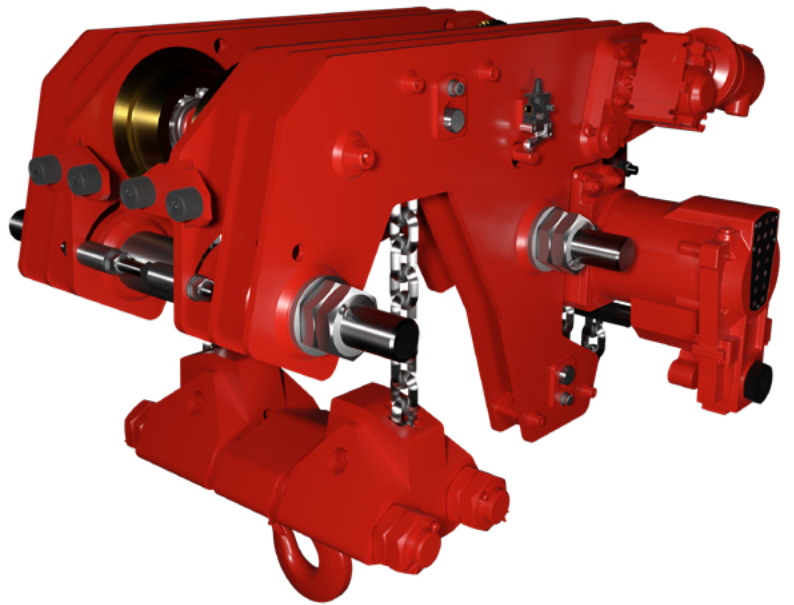
For over 30 years **Red Rooster Lifting** has specialised in the supply, rental and servicing of **the best** powered lifting and load measuring **solutions** in the world

We are continually improving our designs and quality systems to ensure the products and services we supply are of the highest quality. We are investing in technology to streamline production and importantly we are investing in our people to promote awareness, responsibility and exceptional customer service.

You'll see our distinctive Red Rooster logo on lifting equipment and load links offshore, on assembly lines, in power plants, refineries, and shipyards across the world.

We are nothing without our people who are all equipped with the product knowledge and expert support to quickly confirm suitability, availability and pricing for all of your lifting requirements.

With our vast experience we can offer technical backup, advice on installation and assistance with breakdowns or a full repair and testing service from our rapid response maintenance facility.



Our product range covers Red Rooster air hoists, EMCE winches, KITO electric hoists, KITO manual hoists, KITO Van Leusden specialised equipment, Verton load management and Red Rooster load measuring equipment.

We have been involved in many global lifting projects over the last 30 years including the substantial Claire Ridge and Culzean offshore installations along with two very different challenges for us, the new Queensferry Crossing in Scotland and St Paul's Cathedral bell restoration in London.



LOW HEADROOM AIR HOIST

LIFTING

Low headroom chain hoist and trolley range
This is part of our air hoist and trolley range
suitable for industry

The Red Rooster Lifting TCR series of air hoists offers a comprehensive range of lifting equipment suited to all types of industrial and marine environments. Red Rooster Lifting hoists are the perfect lifting solution for where the duty is high or where a robust hoist is required to withstand harsh conditions. The hoists comply with the European Machinery Directive and are all CE marked.

STANDARD FEATURES

- Three working wire ropes
- ATEX zone 2 certification
- Hydraulic automatic reversed drive brake
- Overhaul & repair time switches
- Chain & hook housing
- Automatic starting device (S-STOP)
- Safety safety catch device with safety catch
- Load chain of European manufacture (EN8182)
- Automatic load limiter

AVAILABLE OPTIONS

- Multiple specifications
- Customised solutions
- ATEX zone 1 certification
- ATEX zone 2 certification
- ATEX zone 3 certification
- ATEX zone 4 certification
- ATEX zone 5 certification
- ATEX zone 6 certification
- ATEX zone 7 certification
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- ATEX zone 100 certification



Red Rooster Lifting Ltd
www.redroosterlifting.com
01203 250100

Red Rooster Lifting Limited is a member of The Red Rooster Group of companies. Registered in the UK. 01203 250100





Wind Energy Lifting Solutions



KITO

ELECTRIC CHAIN HOIST



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS



ELECTRIC CHAIN HOIST

With the quality, power and reliability of the KITO ER2 WIND this is a hoist constructed for the demands of wind turbine installation and maintenance.

The new ER2 WIND electric chain hoist has been adapted from the industrial design of the ER2 electric chain hoist using the knowledge gained from projects and well known wind turbine manufacturers from around the world.

The result is a robust hoist capable of being adapted to customer requirements for the lifting of loads both inside and outside wind turbines. With height of lift up to 150 metres, capacities up to 800kg and speeds up to 28 m/min cover most requirements but if a higher capacity or lift height is required please contact us.

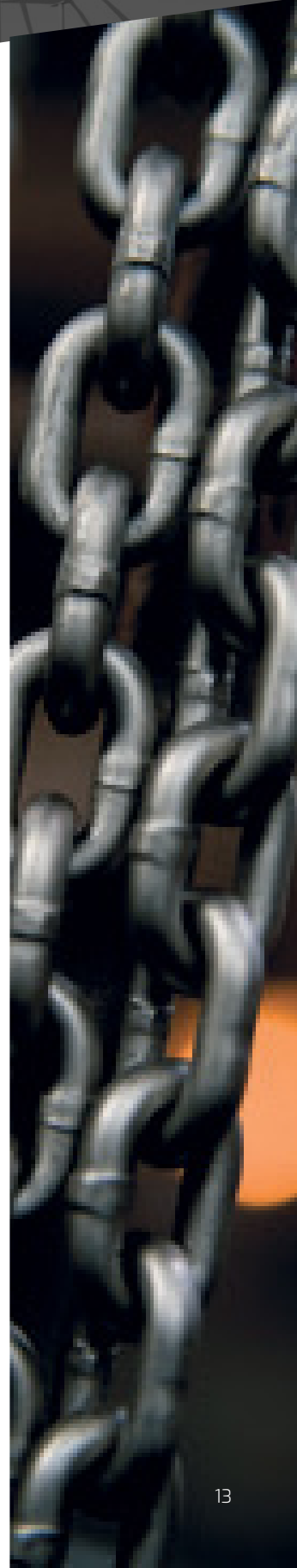
The hoist has all the features you would expect from a KITO hoist with frequency inverter control, friction clutch, upper and lower limits, thermal overload protection, trolley locking device and high strength nickel plated load chain.

With other features such as push, geared electric and low headroom trolleys, beam heavy duty chain bags, high visibility hook protector.

CORRISON-RESISTANT LOAD CHAIN

KITO is the only manufacturer worldwide offering electroless nickel-plated load chains. The advantages of these products are higher corrosion resistance and lower wear compared to traditional load chains.

- Electroless nickel-plated
- Reduced hydrogen embrittlement
- Nickel-plated load chain grade T, series DAT (G80) as standard for electric chain hoists in accordance with standard EN 818-7.
- Nickel-plated load chain grade T, series V (G100) as standard for manual chain hoists in accordance with standard EN 818-7
- Special manufacturing process – strength 800 N/mm² resp. 1,000 N/mm²



KITO

ER2 WIND HOIST

KITO ER2 electric chain hoist is a reliable and robust device which is used for all demanding applications such as wind turbines.



RED ROOSTER LIFTING

RAISING EXPECTATIONS

FOR YOUR WIND TURBINE

LOAD CAPACITY	Up to 800 kg fixed. Higher load capacities on request
OPERATING VOLTAGE	3 phase 400/690 V, other voltages on request
LIFTING HEIGHT	Up to 150 m, other lifting heights on request
LIFTING SPEED	Up to 28 m/min
CLASSIFICATION	FEM 1Bm, ISO M3, other classifications on request
MOTOR PROTECTION	Thermal motor protection PTC
IP PROTECTION	Class IP55
MOTOR	Fan-cooled
BRAKE	Electromagnetic brake or pull rotor brake
LOAD CHAIN	Nickel-plated load chain with high corrosion resistance
LOAD SHEAVE	5 or 6 pockets (model dependant) for very smooth operation

OPTIONS

- Radio remote control
- Foam hook protector
- Plain, geared or motorised trolley
- Special voltages on request



KITO

RED ROOSTER
LIFTING

RAISING EXPECTATIONS

ER2 WIND HOIST

KITO ER2 electric chain hoist is a reliable and robust device which is used for all demanding applications such as wind turbines.

ELECTROMAGNETIC BRAKE

Ensures powerful braking and holds the load securely

THERMAL OVERLOAD LIMITER

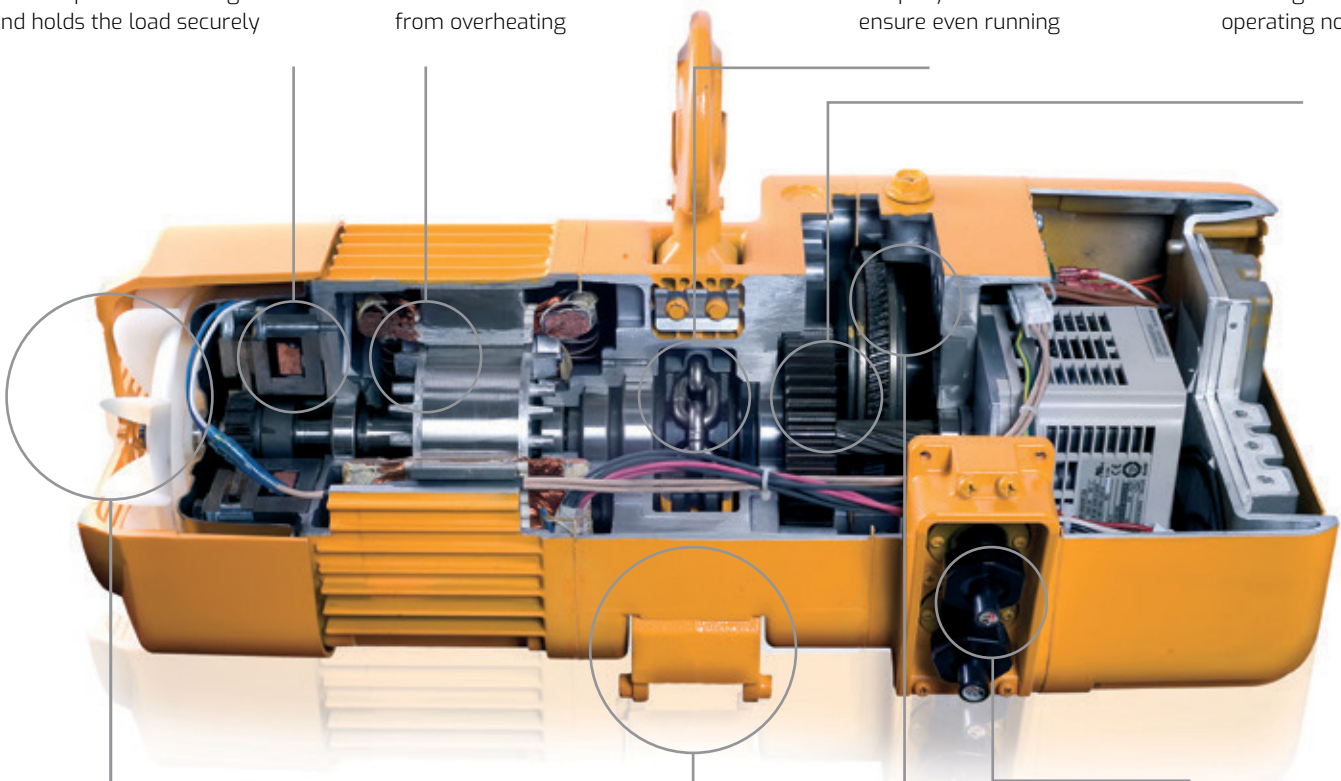
Prevents the motor from overheating

CHAIN GUIDE

Uniquely structured to ensure even running

GEARBOX

Helical gears reduce operating noise



FAN COOLING

The combination of the aluminium die-cast body and fan system ensure optimum cooling

UPPER / LOWER LIMIT SWITCH

Stops the hook when the highest or lowest position has been reached

FRICTION CLUTCH

To protect the components subject to stress against overloading

DIRECT CABLING

Internal connectors make it easier to connect the device

OPERATING HOURS COUNTER / LOAD CYCLE COUNTER BUILT INTO FREQUENCY INVERTER

The display of operating data allows maintenance intervals to be planned effectively



KITO



RED ROOSTER LIFTING

RAISING EXPECTATIONS

ED WIND HOIST

Single-phased KITO ED electric chain hoist is lightweight and robust as well as weatherproof and corrosion resistant.

STANDARD FEATURES

- 230 V / 50 Hz single-phase
- Hook suspension
- High-performance mechanical brake with friction clutch
- Range limit switch for lifting
- Single or dual lifting speed
- Weatherproof and corrosion resistant
- Aluminium gear casing

OPTIONS

- Radio remote control
- TMH plain trolley
- Foam hook protector



LOAD CAPACITIES 60 KG TO 480 KG

480 kg capacity in double chain design, available with conversion set

HIGH-PERFORMANCE MECHANICAL BRAKE

With friction clutch

NICKEL-PLATED LOAD CHAIN

Grade T, series DAT (G80) in accordance with standard EN 818-7, Strength 800 N/mm²

HIGH LIFTING SPEED

max. 20.1 m/min



FOR YOUR WIND TURBINE

LOAD CAPACITY	Up to 480 kg
OPERATING VOLTAGE	1 PH 230 V / 50 Hz
LIFTING HEIGHT	Up to 100 m, other lifting heights on request
LIFTING SPEED	Up to 20.1 m/min
CLASSIFICATION	FEM 1Am, ISO M4

SELF INDICATING, CABLED AND TELEMETRY LOAD CELLS

Red Rooster have developed a wide range of load measuring and monitoring equipment over the last 30 years that are accurate, robust and reliable

- Range of capacities 5 to 500 tonne
- Cabled, self indicating, and telemetry
- Replaceable or rechargeable batteries
- Long battery life
- Accuracy 0.5% FSD

Red Rooster also manufacture and supply telemetry load shackles, compression cells, ATEX / IECEx approved wireless load cells for Zone 1 and 2 and hydrostatic load cells.

All load cells come fully tested and certified with an EU declaration of conformity, calibration certificate and a report of thorough examination.



MANUAL CHAIN HOISTS

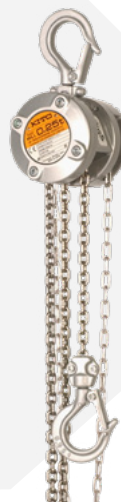
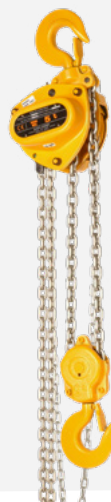
As a useful addition to KITO electric chain hoists, our manual chain hoists are perfect tools when it comes to assembly and maintenance work. Load capacities from 250kg with our CX and CB hand chain blocks. The LX and LB lever hoists move loads from 250kg to 9,000kg.

They can be used everywhere even if neither space nor electricity are available for precise operations.

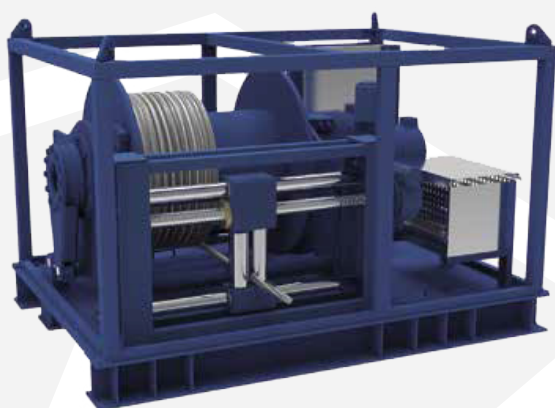
- Nickel-plated load chain
- Compact design
- Mini lever hoists and chain blocks from 250kg

HAND CHAIN BLOCKS CX & CB

HAND CHAIN BLOCKS LX & LB



SC 220



TYPICAL APPLICATIONS

- Lifting equipment for construction of wind turbines
- Tool hoists for wind turbine applications
- Generator kite winches
- Ship pulling kite winches
- Positioning winches for tidal energy barges
- Man riding inspection winches for hydro powerplant supply tubes
- DNVGL-ST E272 Hose reels for sea water driven pile driving equipment for wind turbine foundation
- Cable pull-in winches for pulling off shore wind turbine cables (inter-array/export)
- Safety door winches for hydro power plants

SPECIFIC OPTIONS

- Very accurate load measuring by means of a single load-shackle
- Load data storage value-date-time
- Data port for interface with client monitoring system
- Completely enclosed outer frame with insulated panels and heating inside for long term preservation in hostile environments
- Knock Down versions offering < 1000 kg single component weight for critical lifting or floor loading transport situations.
- Spooling gear for proper rope spooling with extreme fleet angles
- Rope speed and length measurement
- Double drum selections for steel and HMPE if required
- Remote control with HMI panel
- Suitable for use of HMPE rope
- Delivery with cable or rope pre-tensioned onto the drum

The winches and capstans from the EMCÉ "Renewables" series possess the same standard features of the Oil & Gas winches, and can also be executed with the same mechanical and control options.

MODEL ELECTRIC	WLL 1ST LAYER KG	WLL 6TH LAYER KG	RECOMMENDED ROPE DIA MM	SPEED 1ST LAYER M/MIN	SPEED 6TH LAYER M/MIN	DRUMCAP 1ST LAYER M	DRUMCAP 6TH LAYER M	MOTOR POWER KW	DIMENSIONS L x W x H MM	WEIGHT KG
SC-10PI	15000	10000	26	5	8	35	250	15	2250 x 1750 x 1650	4700
SC-15PI	22000	15000	30	5	8	40	300	22	2500 x 1800 x 1750	5200
SC-20PI	30000	20000	34	5	8	40	300	30	2600 x 2000 x 1850	6000
SC-25PI	38000	25000	38	5	8	50	350	37	2800 x 2000 x 2000	6500
SC-30PI	44000	30000	40	5	7	50	350	45	2800 x 2300 x 2100	7500

WINCHES FOR WIND TURBINES

EMCE Winches can provide equipment for wind turbine construction, servicing, maintenance and for the testing of the turbines blades.



CONSTRUCTION

- Guideline winches
- Tack line winches
- Main lifter winches
- Fold in winches
- Retraction winches



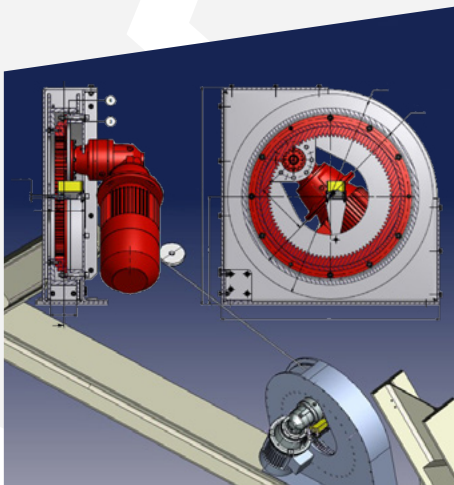
MAINTENANCE

- Generator replacement winches
- Rotor replacement winches



TESTING

- Blade testing equipment



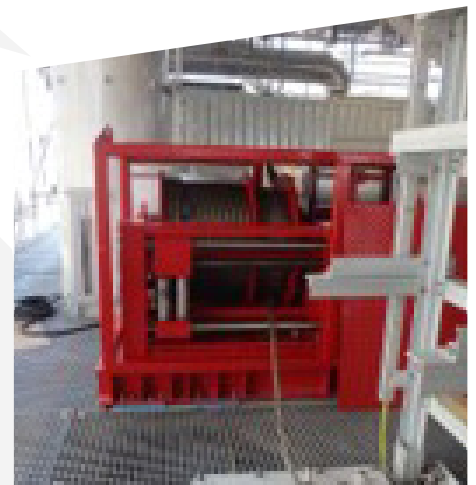
SERVICE

- Development & engineering
- Prototype production



RENEWABLE WINCHES

- Static / Pumping kite winches
- High speed plane winches



CABLE PULLING WINCHES

- Messenger wire winches
- Pull IN / cable pulling winches

30 YEARS OF RAISING EXPECTATIONS

ABERDEEN

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