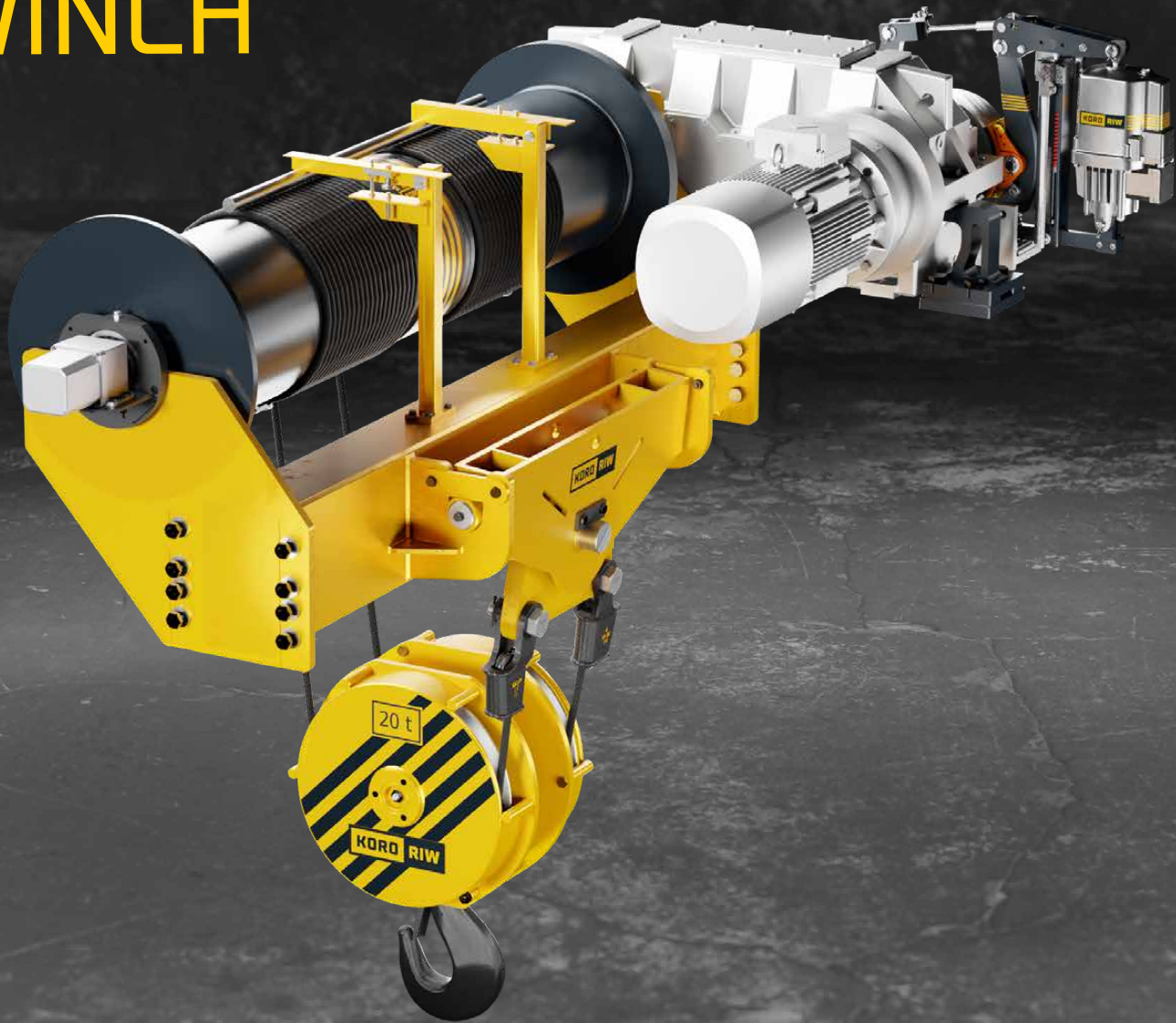


OEM PERFORMANCE WINCH



KORO RIW

WE KNOW CRANES



WE KNOW CRANES

For over 100 years, KoRo RIW has been at the forefront of crane technology, seamlessly blending premium quality with cutting-edge innovation.

Beyond supplying world-class crane components, we offer comprehensive, tailored solutions with a deep understanding of their application, ensuring each system perfectly meets your operational needs.

Our solutions are designed for peak performance and efficiency, combining custom products with the speed and reliability of standard components.

With in-house production and optimized processes, we deliver exactly what your business needs. Quickly and reliably.

At KoRo RIW, we're not just a supplier - we're a partner in your success. Our expert consultation, transparent service, and on-time delivery provide long-term, trustworthy results, backed by an above-average warranty for lasting peace of mind.

By choosing KoRo RIW, you're investing in future-focused technologies that keep you ahead of industry trends, always benefiting from the latest advancements.

KoRo RIW is your No.1 Partner for Crane System Solutions, with expertise across all verticals, industries, and applications.

From customized components to superior consultation and guaranteed delivery, we ensure your business moves forward efficiently and safely, with deep insights into every solution.



01

UNCOMPROMISING SAFETY

At KoRo RIW, safety is integral to our products.

Engineered to exceed industry standards, our crane components ensure secure operations even in the toughest environments.

With rigorous testing and strict safety protocols, we enhance security and reduce risks across the board.

02

MAXIMUM PERFORMANCE

Our products are designed for exceptional performance in demanding industrial environments.

Crafted from premium materials, they deliver consistent reliability and efficiency while minimizing downtime.

With optimized manufacturing processes, we ensure on-time delivery, keeping your operations seamless and productive.

03

PRECISE SOLUTIONS

KoRo RIW provides tailored solutions for each client, offering crane components that are customized to meet specific needs.

Our expert team ensures precision, flexibility, and optimized performance for any project, keeping your operations efficient.

LOOKS STANDARD. FEELS CUSTOMIZED.

WE TURN COMPLEXITY
INTO CLARITY, AND IDEAS
INTO SUCCESS

WHERE MODULAR MEETS MADE-TO-MEASURE

Our customized winches and hoisting solutions combine the efficiency of standardized modules with the flexibility of fully customized systems. This ensures cost-effective solutions, short response times and outstanding availability.

The modular design not only guarantees a reliable spare parts supply but also delivers long-term safety and maximum performance throughout your installation.

CUSTOMIZED LIFTING SOLUTIONS FOR EVERY REQUIREMENT

Our goal is to let you focus entirely on your core business. We take full responsibility for your lifting solution and special application. From selection to final integration.

With our experience, engineering expertise and understanding of even the most demanding applications, we ensure smooth processes and maximum safety.

BUILT AROUND YOUR NEEDS



MAXIMUM DESIGN FLEXIBILITY



GLOBAL AFTER SALES SERVICE



PRECISION AND DURABILITY



FAST DELIVERY AND HIGH SPARE-PART AVAILABILITY



SEAMLESS INTEGRATION



EASY AND COST EFFECTIVE MAINTENANCE





SINGLE- OR MULTI-GROOVE ROPE DRUMS,
PRECISELY MACHINED TO ENSURE ACCURATE
ROPE LEAD-OFF AND REDUCED WEAR

FLANGE CONNECTION FOR PRECISE
INTEGRATION, RAPID INSTALLATION AND SAFE
CONNECTION TO THE STEEL STRUCTURE

GEAR LIMIT SWITCH WITH OPTIONAL
INCREMENTAL ENCODER FOR SAFE
OPERATION AND PRECISE CONTROL

FAIL-SAFE DRUM BRAKE ENSURING SAFE
BRAKING UNDER ALL CONDITIONS

RELIABLE HOIST MOTORS, PRECISELY AND FULLY
COAXIALLY ALIGNED, WITH MULTIPLE
CONFIGURATIONS FOR CUSTOMER FLEXIBILITY

TOP BLOCK AND FLEX-COMPENSATION ROCKER/SHEAVE
ASSEMBLY WITH INTEGRATED LOAD CELL, ENSURING
IMPROVED SAFETY FOR PERSONNEL AND MACHINERY

RELIABLE LOAD LIFTING ATTACHMENTS
AND ROBUST HOOK BLOCKS FOR
PRECISE AND FLEXIBLE LIFTING

AT A GLANCE



LIFTING POWER:
UP TO 360 kW



LOAD CAPACITY
FROM 5 t - 250 t



VARIETY OF
REEVING
SYSTEMS



EASY INTEGRATION
INTO STEEL
CONSTRUCTION



WIDE RANGE
OF ROPE DRUM
SIZES

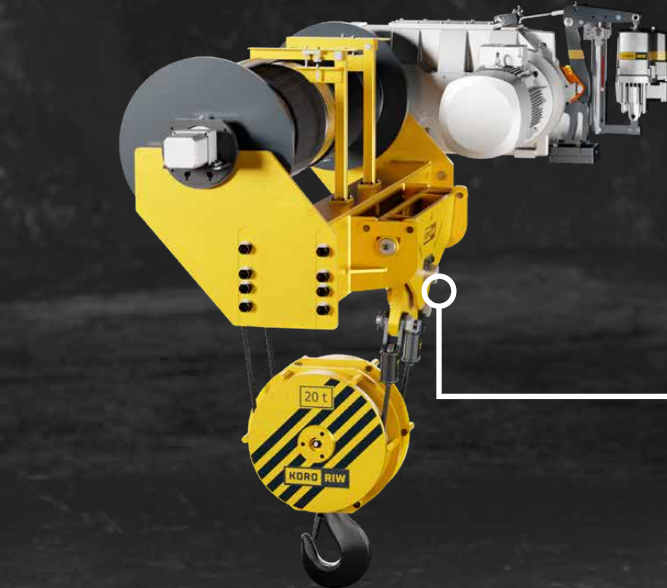


HIGH
STANDARDIZATION
LEVEL



SEAMLESS INTEGRATION

OUR KORO WINCH TURNS YOUR STEEL INTERFACE INTO ENGINEERING ELEGANCE



Top-mounted rope reeving for ultimate design freedom. Perfect for existing and walk-on trolley configurations, enabling application-optimised hoist arrangements with superior serviceability.



Direct bearing connection to the end carriages or cross beam transforms your structure into a compact, material-optimised trolley design.

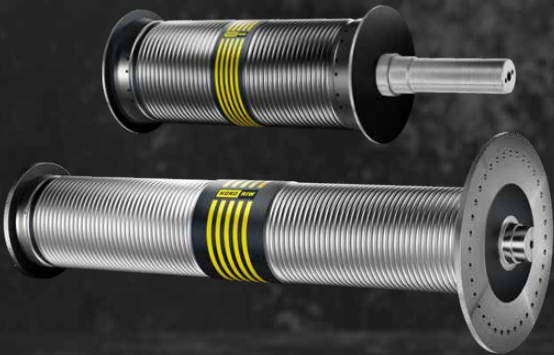
Less weld seams, reduced fabrication effort and faster assembly deliver maximum structural rigidity with minimal engineering effort for a safe hoisting solution.



Smart interface options such as barrel couplings, also in combination with foot-mounted gearboxes, give you maximum freedom in drive design. Reliable, efficient integration with minimal installation effort, designed to make your life easier.

DRUMS THAT FIT YOUR SPACE

OEM performance winches are designed to minimise end approach by reducing drum length or increasing drum diameter when needed for hook travel. Rope anchorage to the flanges allows a shorter drum, maximising space and enabling compact trolley layouts. The precision-machined groove profile increases rope life and ensures long-term reliability, making it a cost-effective solution for your operations.



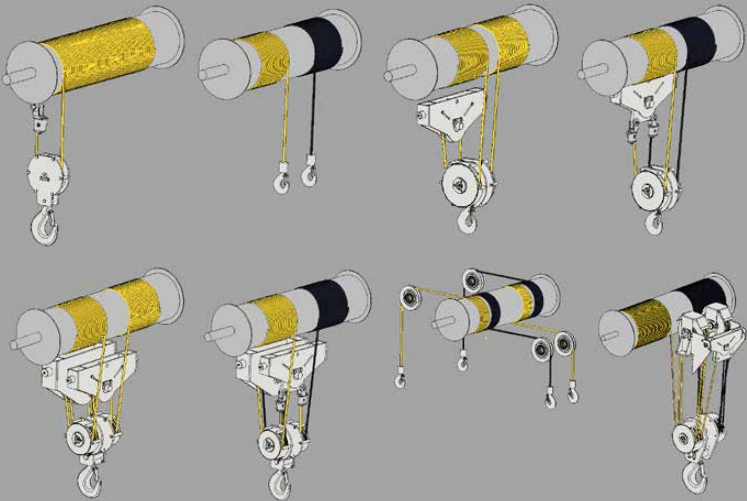
OUR STANDARD DRUM CONFIGURATIONS

Maximum length:	6.600 mm
Maximum diameter incl. drum flange:	Drum Ø 1,420 mm, drum flange Ø 1,750 mm
Design options:	Single-groove or multi-groove configurations
Connection types:	For barrel couplings and shaft connections (feather key, involute splines, shrink disc, etc.)
Accessories:	Flange bearings, pillow block bearings, rope clamps, barrel couplings, etc.

ROPES THAT GO THE DISTANCE

Our wire ropes are engineered for maximum service life and performance, featuring a polymer-filled core that supports the strands, reduces wear, and provides excellent corrosion protection for outdoor and extreme conditions.

In symmetrical reeving configurations, rope life is extended, operation is optimised, and true vertical lift is ensured by eliminating hook travel. Additional reeving options and custom drum rope take-offs are available on request.



BUILT TO BEAR THE LOAD

RELIABLE COMPENSATION ROCKERS AND SHEAVE BLOCKS

Designed for durability and ease of monitoring, our KoRo RIW sheave blocks and compensation rockers feature optional wear indicators on the rope pulleys and measuring pins for precise overload detection. This ensures safe operation, reduces maintenance effort, and keeps your crane running reliably.



TOP BLOCK



COMPENSATION
ROCKER OR SHEAVE
WITH INTEGRATED LOAD
MEASURING DEVICE



ROPE WEDGE
CROSSBAR

HIGH PERFORMANCE BOTTOM BLOCKS

Our heavy-duty and robust bottom blocks are available with single or double hook suspension and freely rotating hooks. Motorized rotating hooks allow precise load positioning at the push of a button. For special requirements, we design bottom blocks with load capacities of up to 500 t.



CUSTOMIZED
DESIGNS



MANUAL
BOTTOM
BLOCKS



MOTORIZED
BOTTOM
BLOCKS

REVOLUTIONIZE YOUR BRAKING SAFETY

Our winches feature in-house KORO brake systems designed for maximum safety and precision. Every lifting movement is carefully controlled for speed, torque, inertia, and load. Regenerative braking by inverter operation makes the system nearly wear-free, ensuring long-lasting, reliable performance.



NEXT LEVEL BRAKING WITH KBBxtrem® BRAKE SHOES

Take safety even further with our KBBxtrem® Premium Brake Shoes, our new, revolutionary KoRo RIW Signature Line.

Designed for superior performance, these brake shoes feature an advanced lining in compliance with DIN 15011 that ensures superior braking safety under any operating condition.



KoRo RIW provides redundant safety catch brake systems for maximum safety when transporting critical loads. The floating caliper brake, effective directly on the rope drum, ensures precise and low-wear braking. Optionally, a toothed brake can be added to the drum shell for extra holding force. Both solutions are flexible, robust, and ensure safe braking of the load even if the drive train fails.





SMART ACCESSORIES FOR STANDARD WINCHES



ROPE OVERRUN DETECTION

- Rope overrun detection for early identification of irregularities
- Instant recognition of incorrect spooling
- Compact design prevents equipment damage
- Safe and reliable lifting operations guaranteed

ROPE GUIDE SYSTEM

- Parallel rope guide for precise and synchronised rope alignment on the drum
- Minimised wear and maximum safety
- Robust design for reliable operation even under demanding conditions

SHEAVE INTEGRATED WEAR INDICATION

- Red indication mark, located in the sheave-grooving, for quick and easy visual wear control
- Real-time visual feedback on component condition
- Planned maintenance before wear becomes a risk

WHEN STANDARD ISN'T ENOUGH

SPECIALIZED SOLUTIONS FOR DEMANDING LIFTING APPLICATION



KoRo stands for innovation and flexibility, delivering winches that go far beyond the standard OEM solution.

Our portfolio includes advanced options such as redundant rope systems for maximum safety, special motor configurations for EX (explosion-proof) environments, and unique coatings designed for highly corrosive settings like in pre-treatment lines.

These features demonstrate KoRo's ability to provide customized solutions for the most demanding industrial applications, giving you a glimpse of what's possible when you need more than standard.

SPECIAL BOTTOM BLOCKS – PRECISELY FOR YOUR APPLICATION

Our special bottom blocks are engineered to meet the toughest demands in crane operations.

Whether you require heat-protected designs for high-temperature environments or solutions for electrical breakdown resistance in critical safety zones, we deliver customized configurations tailored to your specific application.



COMING SOON

DESIGN YOUR OWN WINCH

YOUR WINCH. YOUR CONFIGURATION.

Design your own winch with our innovative online tool. See your configuration in real time and create a solution perfectly suited to your needs.

SMART SPARE PARTS ACCESS

With our NFC touchpoint, all key information is instantly available, making spare parts ordering fast, easy, and completely hassle-free.



WHEEL BLOCKS AND SETS

Our drive components offer maximum mounting flexibility for nearly any application. Built for numerous shaft-mounted gearboxes from various manufacturers.



RUNNING WHEELS

Available in diameters from 125 mm to 1,250 mm you can choose from cast, forged, or solid-machined materials, with or without integrated gear element and optional surface hardening.



BUFFER STOPS

Happy Ending for all Crane and Crab runways with our individually designed buffer stops according to DIN EN 1090 EX3. KoRo RIW buffer stops are available in both cellular and hydraulic buffers.



AUTOMOTIVE



ENERGY
SECTOR



PLANT
ENGINEERING



MINING



LOGISTICS



ENTERTAINMENT



CRANE
ENGINEERING



CONVEYOR
SYSTEMS



SMELTING
WORKS



PORT
TECHNOLOGY



Scan to read more

ANY
INDUSTRY -
MANY
APPLICATIONS



Industrial Brakes | Wheels | Wheelblocks | Bottom Blocks | Hooks
Rail Clamps | Rail Clips | OEM Performance Winch | OEM Crabs | Rope Drums | Drum Couplings