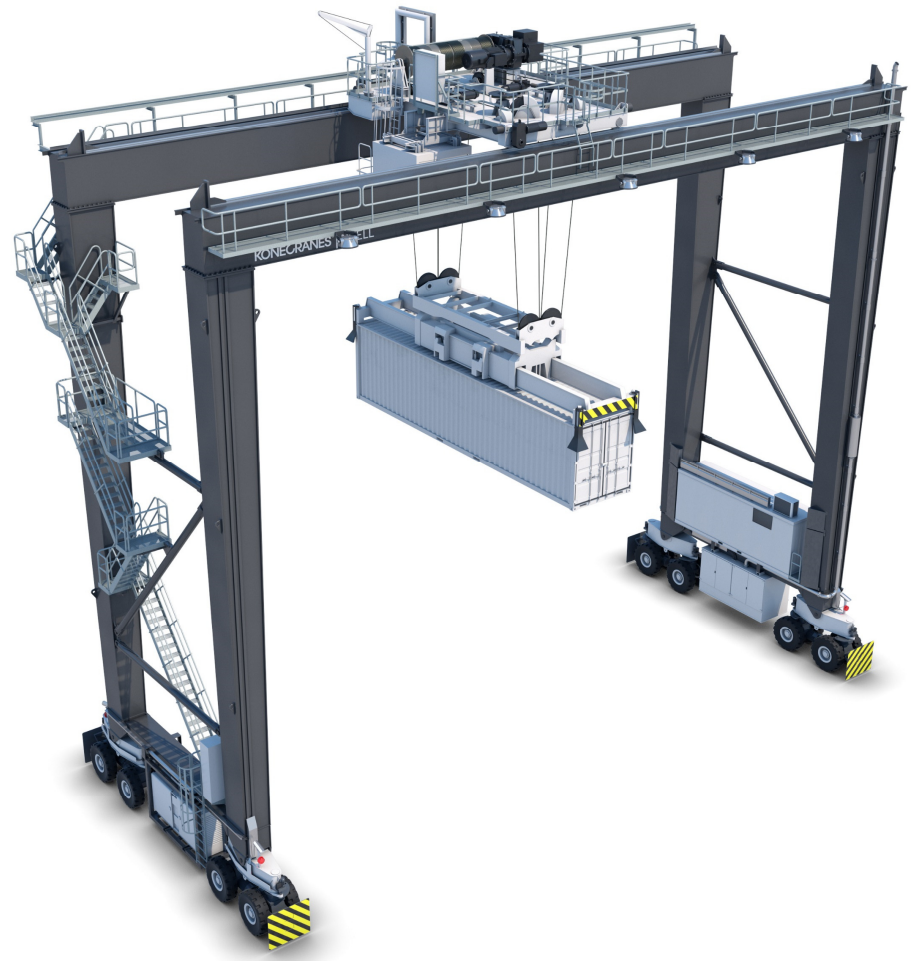


New Konecranes Noell RTG

21 February , 2019 / Jerry Fann

KONECRANES®
Lifting Businesses™



Konecranes RTGs: ideal match for your needs

**KONECRANES ALC:
BEST
PERFORMANCE**



**KONECRANES ALC:
AUTOMATION
READY**



**KONECRANES NOELL:
STEADY
PERFORMER**

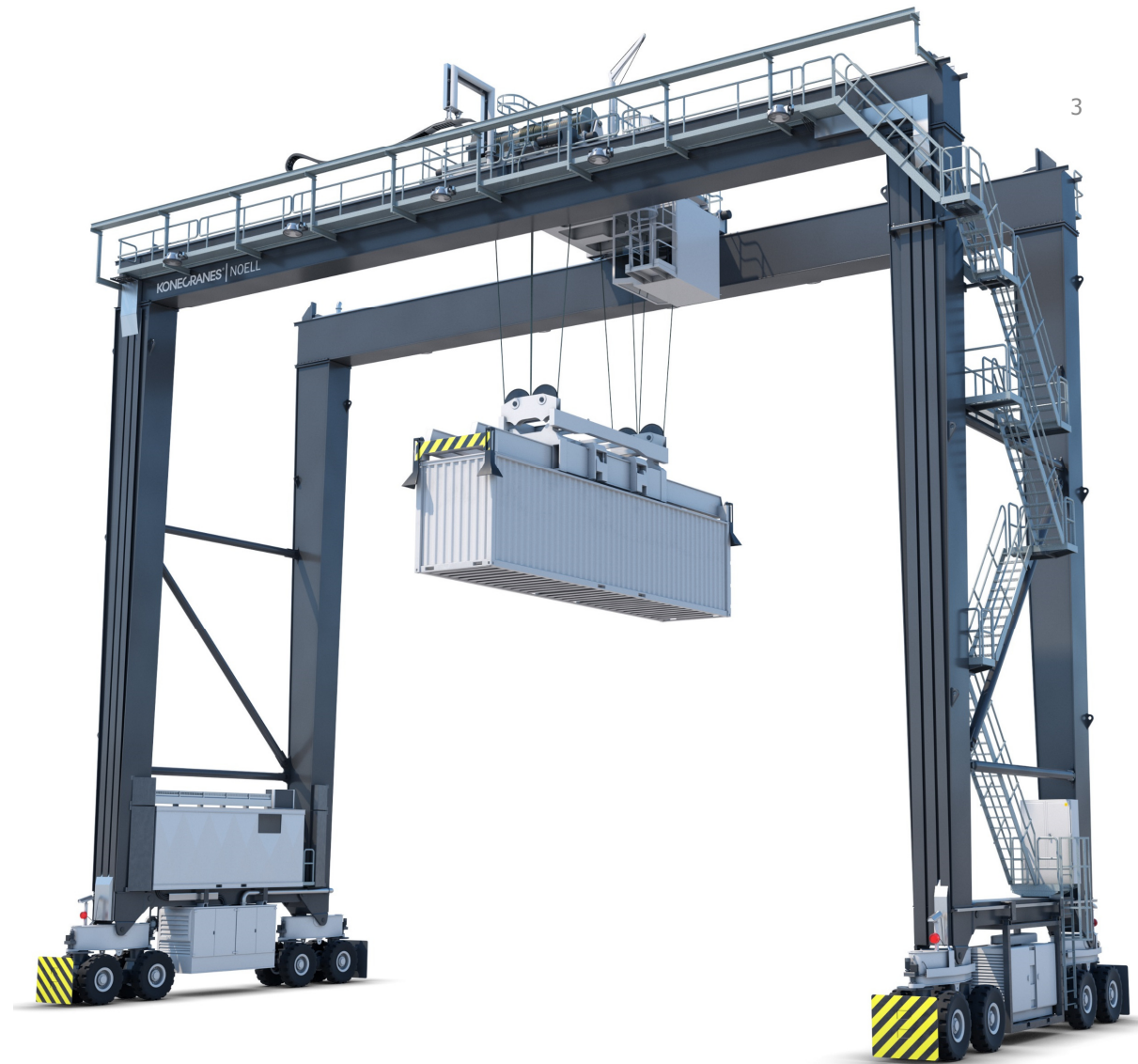


**KONECRANES
BOXHUNTER:
INLAND**



New Konecranes Noell RTG: Steady performer

- Solid performance, easier to maintain
- Lighter steel structure: for lower wheel loads
- Standardized for high quality and performance
- Flexibility in choice of components



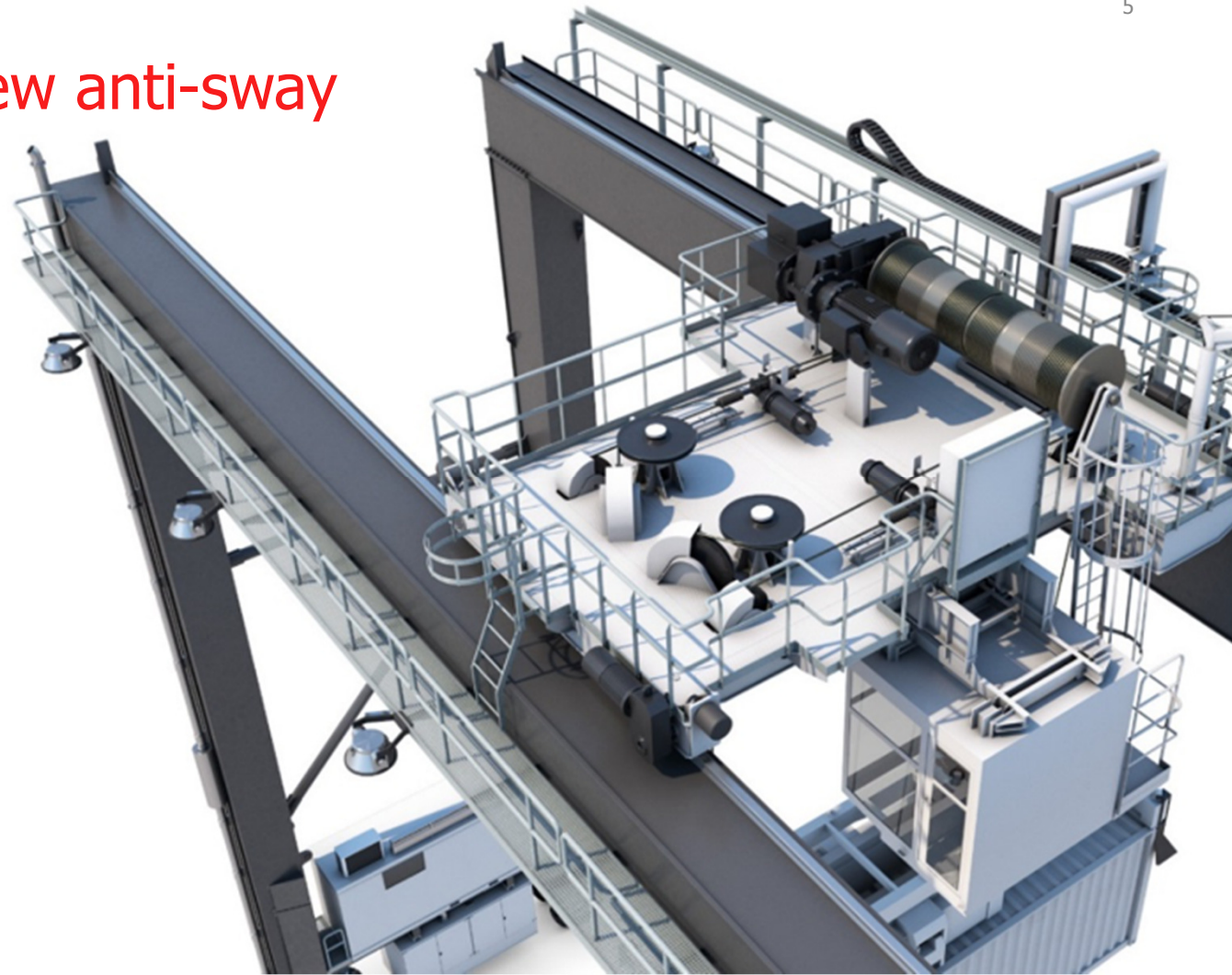
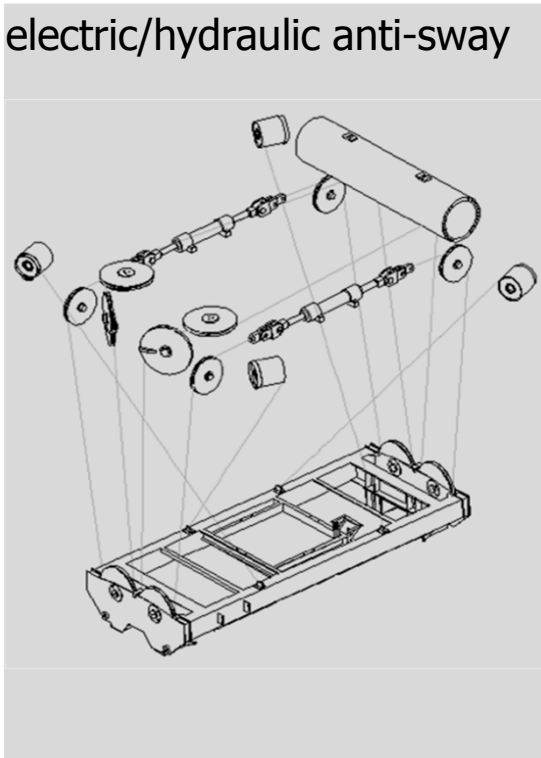
Upgraded bogies: direct drive with easy maintenance

Conventional RTG with
sprocket chain drive

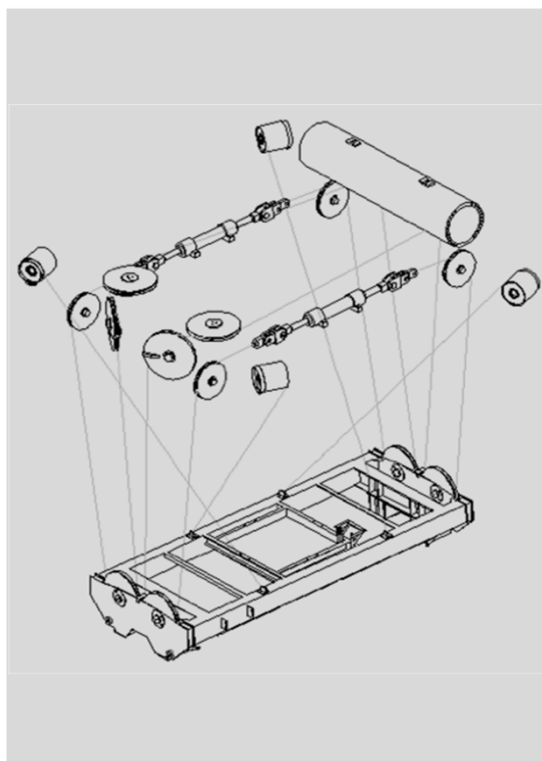


Upgraded trolley: optimized structure and new anti-sway

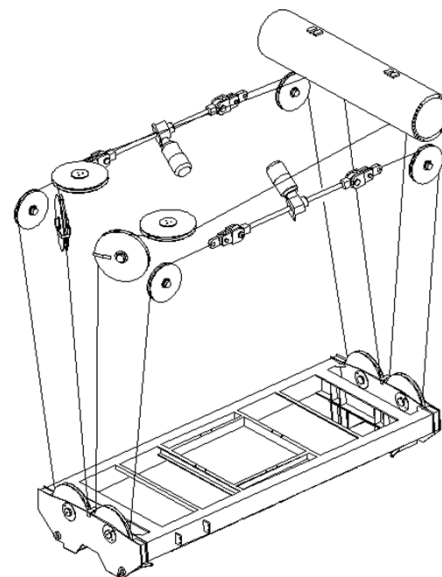
Conventional RTG with
electric/hydraulic anti-sway



Upgraded trolley: direct drive and anti-sway



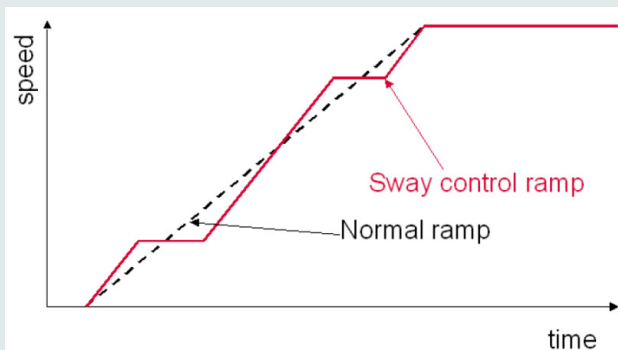
New



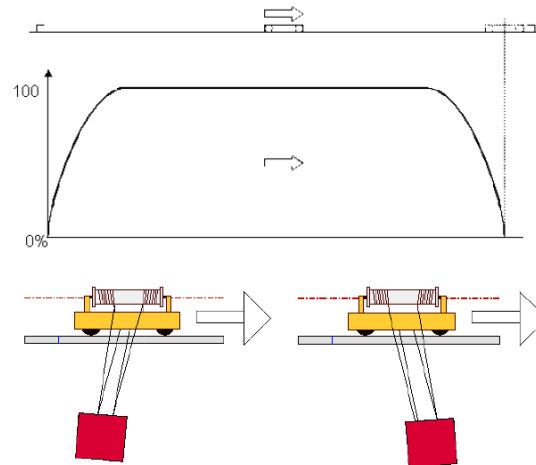
Upgraded anti-sway: Konecranes Dynapilot

Main features

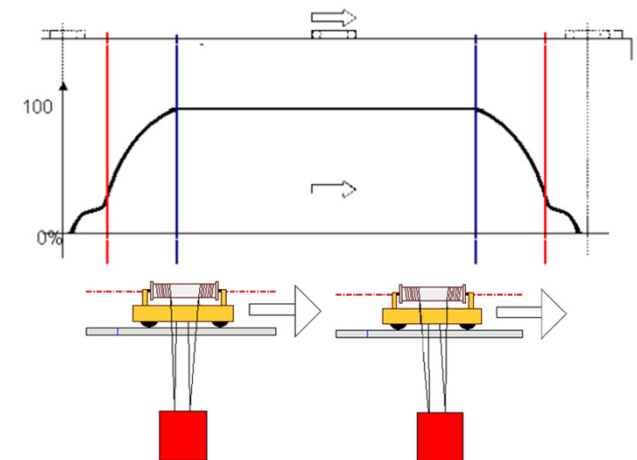
- Software anti-Sway system (embedded in crane PLC SW)
- Effective and maintenance-free
- Effective both in trolley and gantry directions



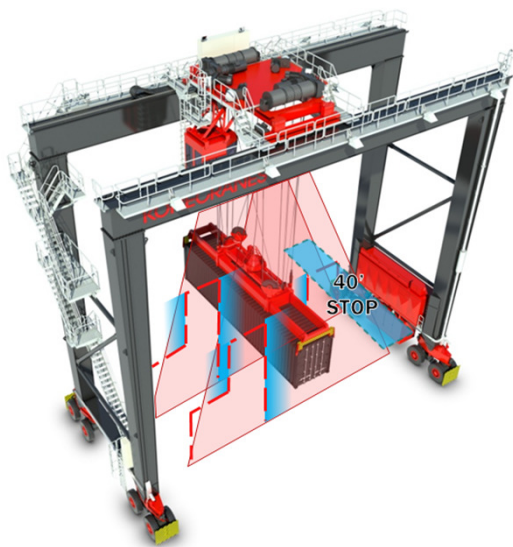
Normal acceleration without Dynapilot



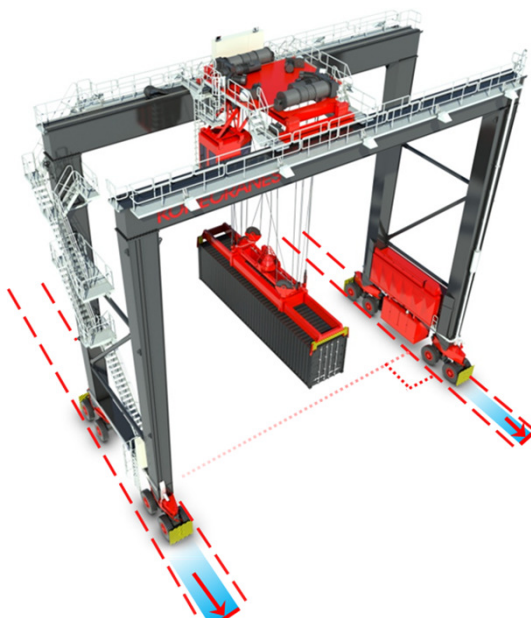
Dynapilot acceleration and deceleration (works in both directions)



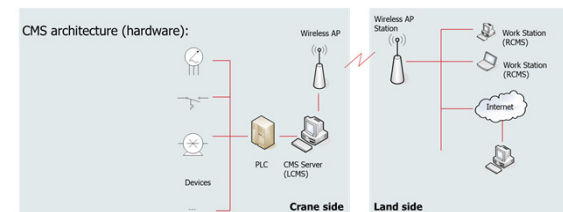
New optional features



Stack Collision Prevention
(based on stack profiling)



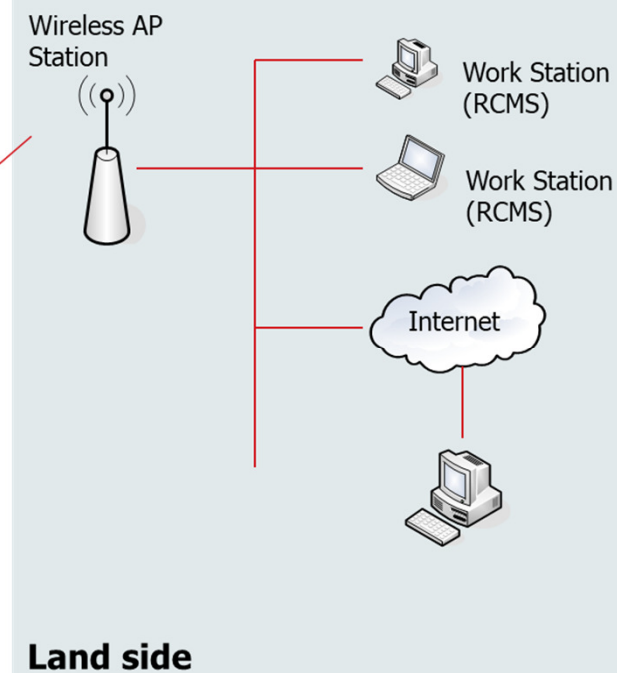
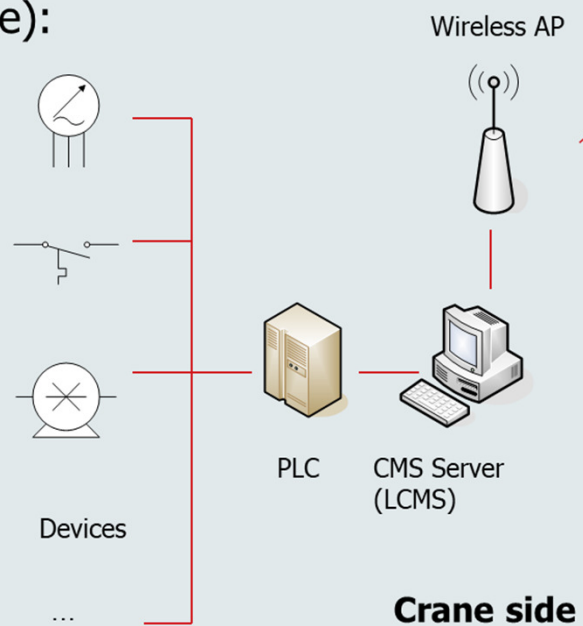
Auto-steering



Remote CMS

Crane Management System (CMS)

CMS architecture (hardware):



Power options modules

Diesel

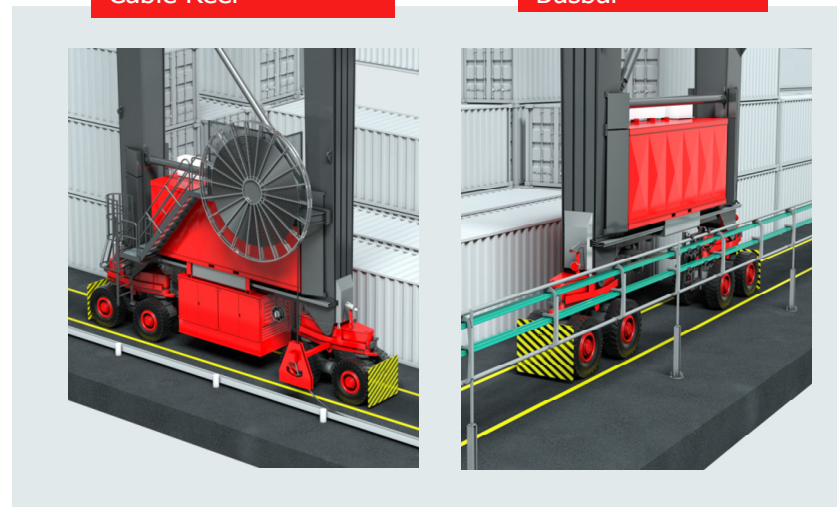
Hybrid Power Pack



Significant reductions in diesel fuel consumption

Cable Reel

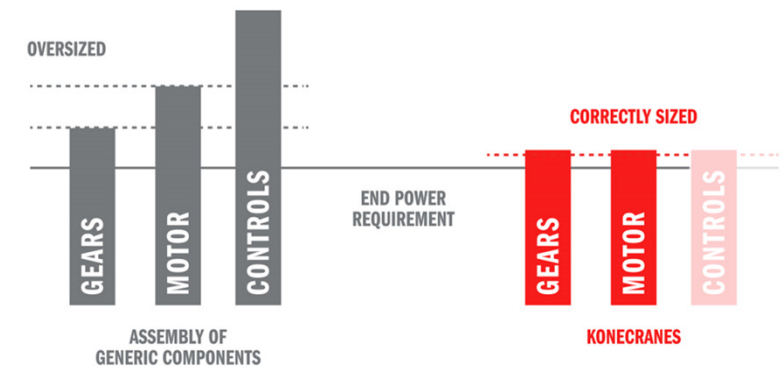
Busbar



The convenience of electricity – less maintenance, less noise, lower emissions

KONECRANES gears & motors

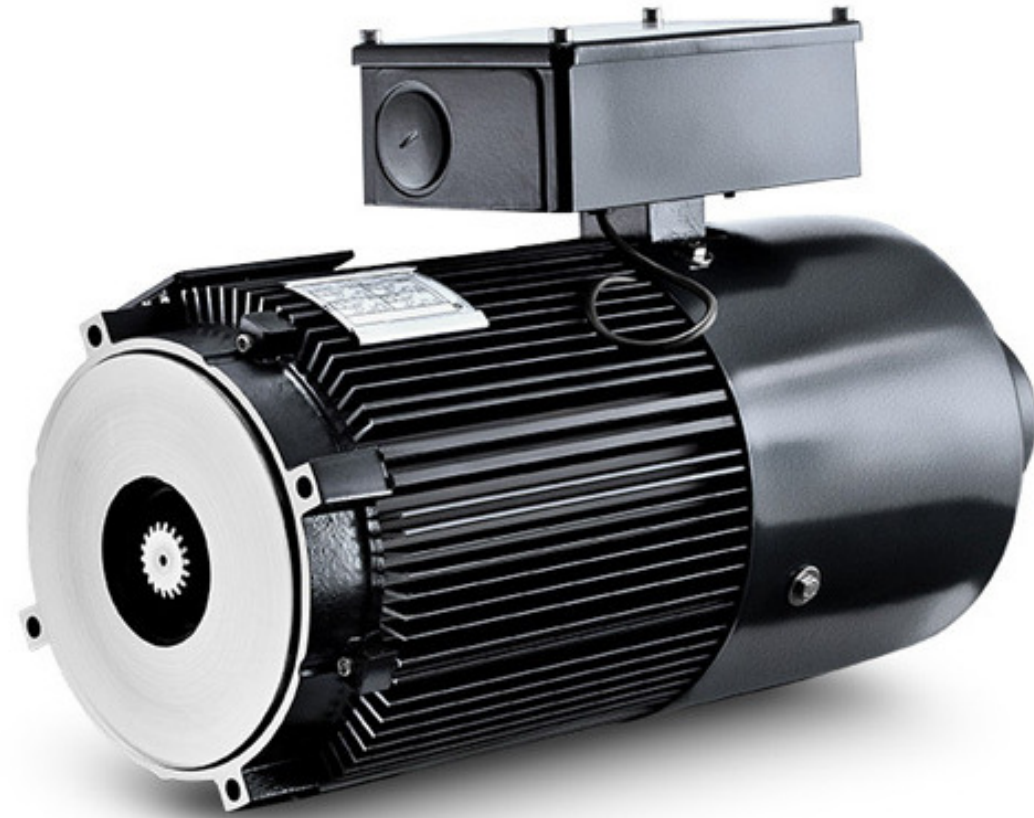
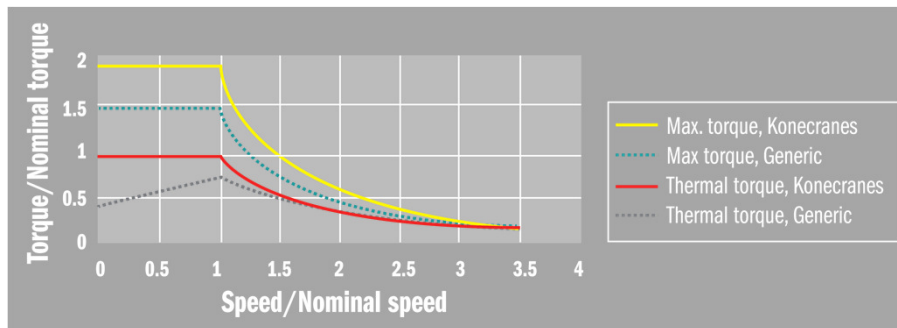
- Purpose built components specifically designed for hoisting applications
- Holistic design, components optimized to work together
- Widely proven solutions
- More compact assembly (layout optimization)
- Greater eco-efficiency



KONECRANES motors

Purpose-built because of the instant power peak needed in lifting:

- Accurately sized
- Consuming less energy

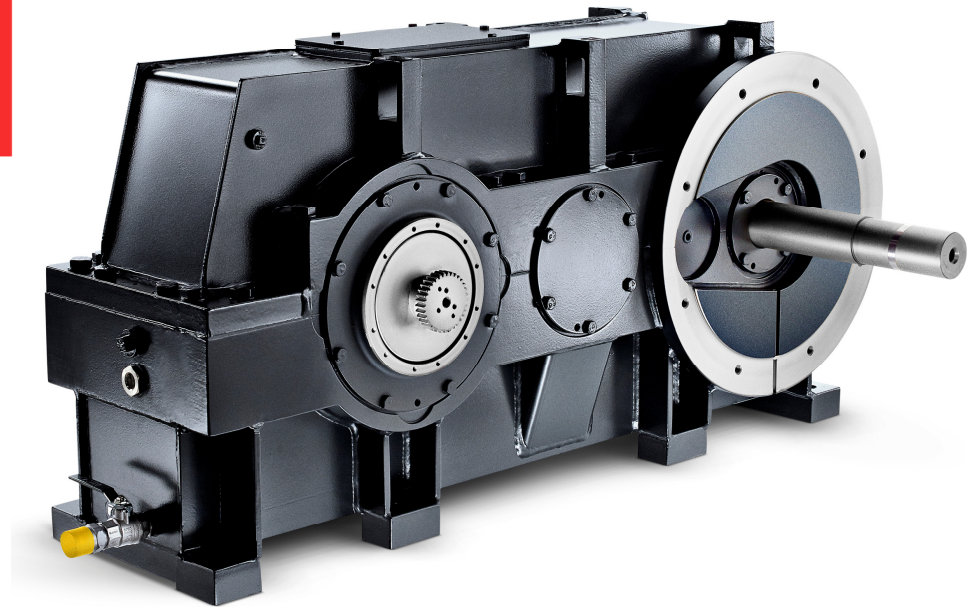


Over 2,000,000 motors made and delivered since 1933

KONECRANES gears

Purpose-built because of the special gear teeth needed in lifting:

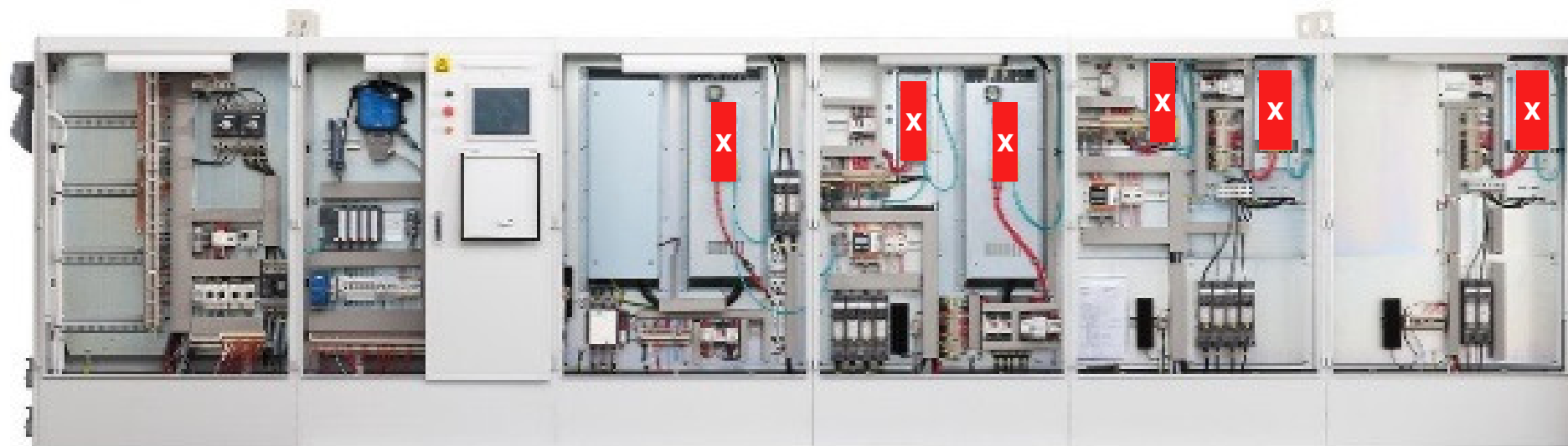
- The right distribution of force for dynamic loads: very high safety coefficient against tooth fracture
- Smooth contact pattern minimizes pressure on parts, reducing wear and risk of damage



Over 1,000,000 gearboxes
made and delivered since 1933

YOUR CHOICE inverters

- Works with Siemens drives
- Fully integrated, assembled and tested in-house by Konecranes
- Turn-key responsibility by Konecranes

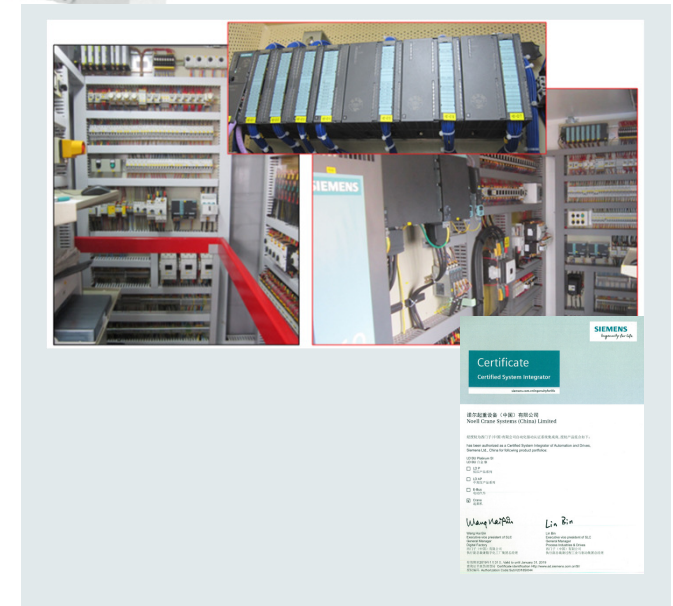


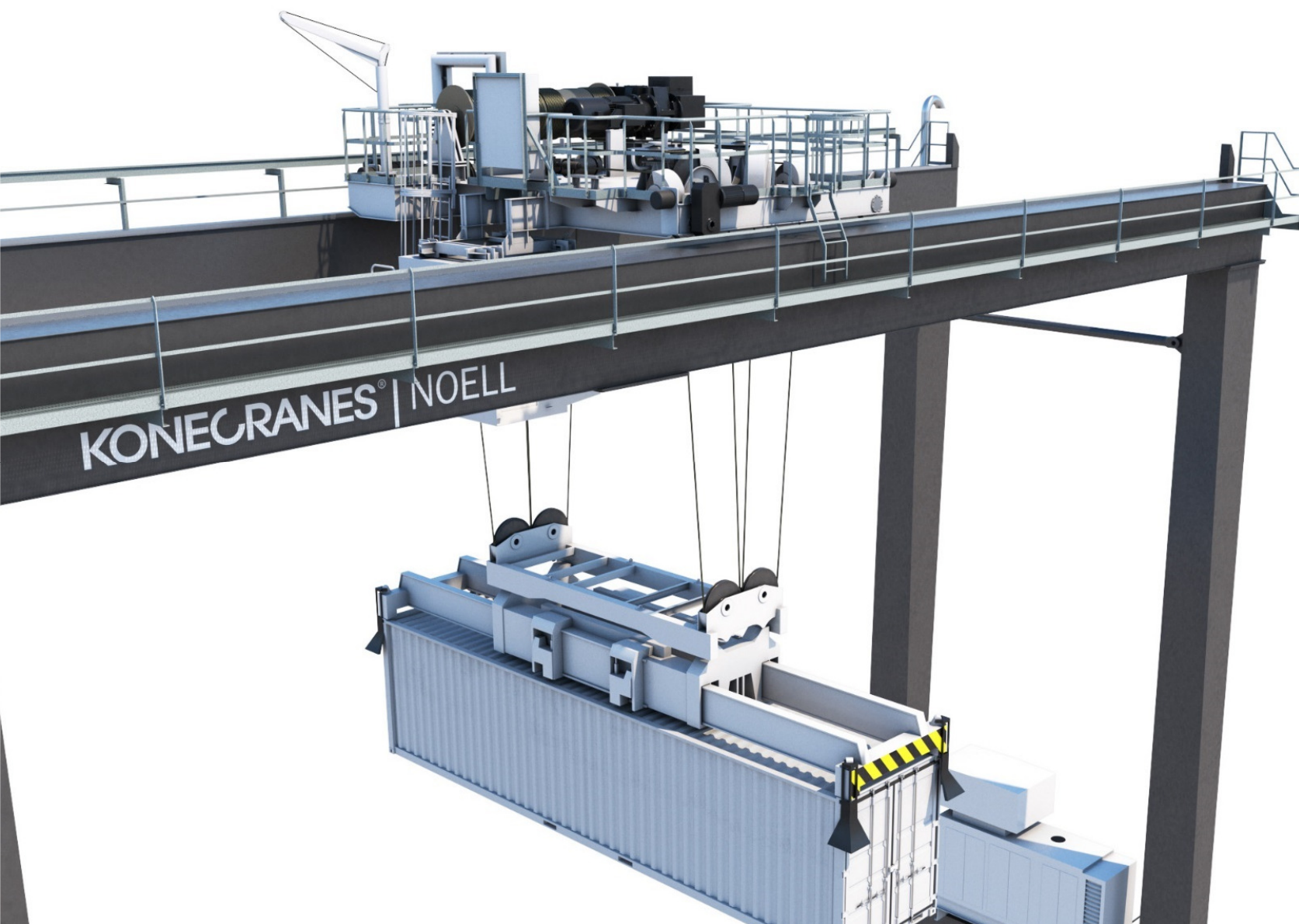
Available now

Upgraded bogies

Hybrid

Siemens drives





**STEADY
PERFORMER**



**NOT JUST LIFTING
THINGS, BUT ENTIRE
BUSINESSES**