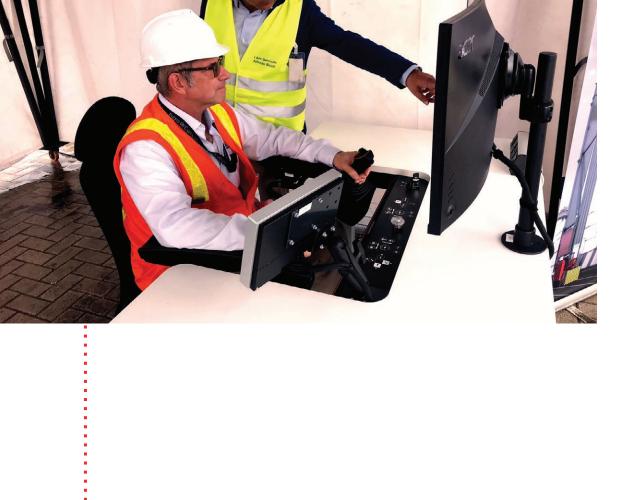
KONECRANES

HOW DID A cow evolve into one of the planets smartest animals? Powerful neural adaptations for more

sophisticated computational strategies.



Intelligence. Evolved.



port services provider to brownfield terminal

ADAPT AND THRIVE

Konecranes is the premier

developments. Our range of retrofit products will enable your fleet to adapt to a fast-changing environment.

Welcome to your **evolution**. Small, incremental changes that enable existing fleets to continue to adapt and thrive.

Upgrade Retrofit

MHC Drive

that will be available for the next 10 to 15 years.

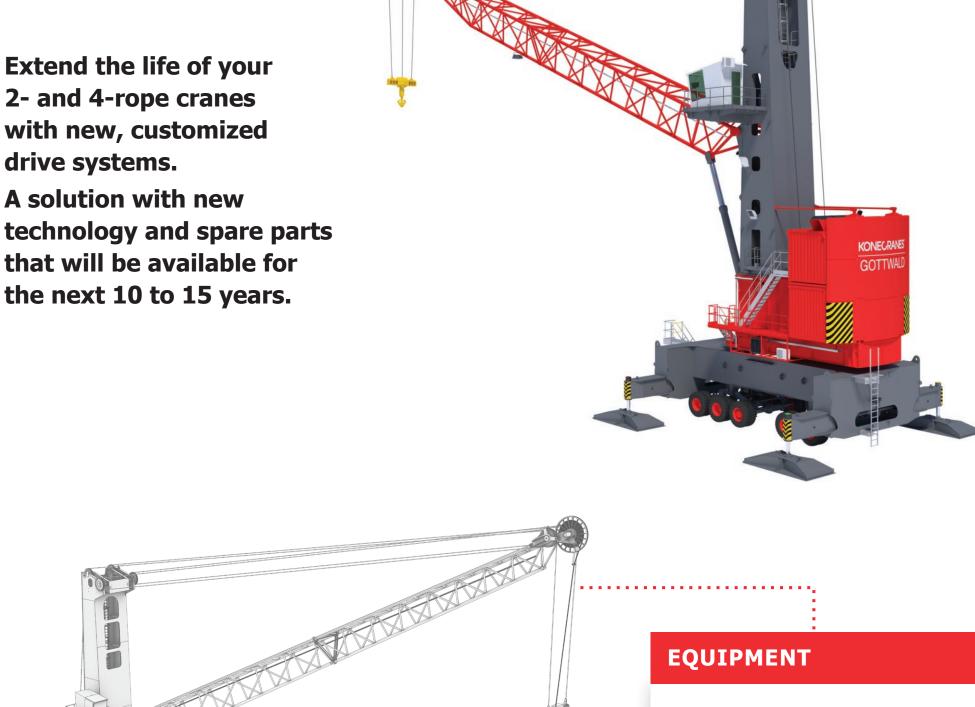
Extend the life of your

2- and 4-rope cranes

with new, customized

A solution with new

drive systems.



4-rope.

are obsolete.

depend on: • Whether it is a 2-rope or • The power and supply voltage.

This retrofit is available for

since the early 2000s and

where the drive systems

This is a standard retrofit

but drive configurations

all Gottwald MHCs delivered

For AC-drives

For DC-drives

- Decreased downtime means increased productivity. Running your crane until it breaks down can result in several months'

WHY UPGRADE YOUR MHC'S DRIVE?

used for some years to come.* But

unnecessary downtime.

* Assuming normal usage and conditions.

and obsolete.

spare parts.

After 10 to 20 years, the crane's steel structure is

often still in good working condition and could be

Specific crane components are getting old

It is increasingly difficult to find original

Spare parts and support from the drive's

original equipment manufacturer (OEM) are

no longer available, negatively impacting the

crane's availability and terminal productivity.

BENEFITS • The MHC Drive Upgrade includes: - Supply unit for drive system

• Update to the latest IPC for the crane's visualization system is included as standard, including for those cranes that do not already have one.

• The new IPC comes:

(smart line module), i.e.

Motor modules for cable drives.

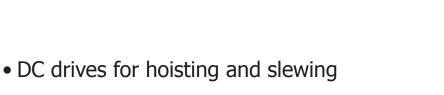
Sensor modules for encoders.

Control units and operator panel.

- With a monitor for the electrical control room, keyboard, mouse, and UPS. - Ready to connect via TRUCONNECT

- With VISUMATIC8 software

Digital Services to yourKonecranes



- integrated with the existing system.
- The MHC drive retrofit is delivered with industrial internet capabilities as standard. • For all DC drives, line fuses are replaced and, as necessary, circuit breakers, contact, etc. are modified for the new equipment.
- For AC drive cranes, there is a feedback unit that can potentially feed regenerative energy back into the grid. • The Variable Braking Resistor system can be added to your MHC upgrade as an optional extra. • On 4-rope cranes, the upgrade includes an additional control unit for DC drives as standard. • Timeframe: - From order to delivery = 4 to 6 months.
 - fuel to facilitate the commissioning.
 - Eimskip | Canada 👩 Gulf Stevedoring | USA

DP World | Mozambique

Year

2022

2022

2022

2022

2022

2022

2021

2022

2-rope

DP World | Dominican Republic

Gulf Stevedoring / USA Logistec Palmetto / USA DP World / Dominican Republic

P/F Faroe Ship / Faroe Islands

DP World / Mozambique

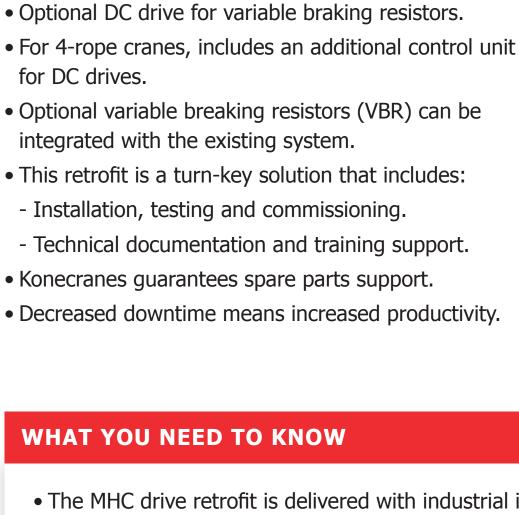
Customer/Location

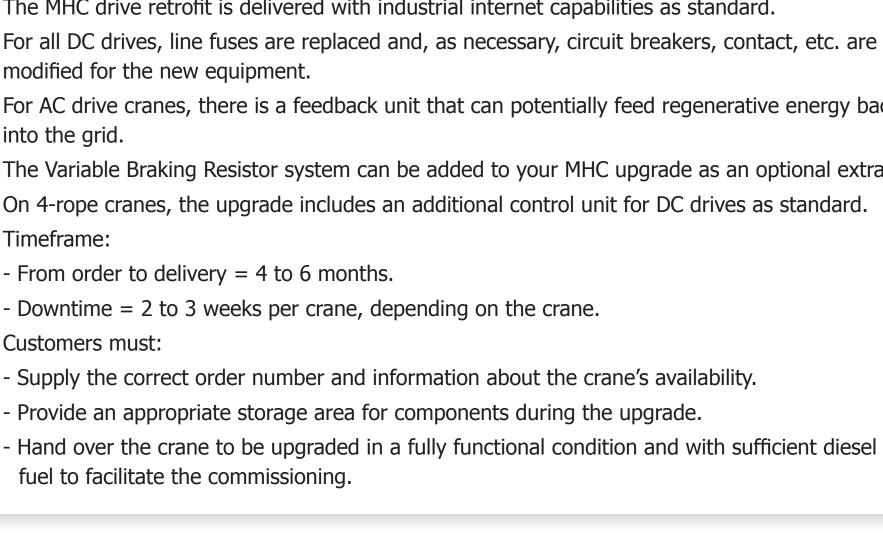
Eimskip / Canada

Gulftainer / UAE

SUMATIC.







Gulftainer | UAE

Quantity

1

1

1

2

2

2

P/F Faroe Ship | Faroe Islands

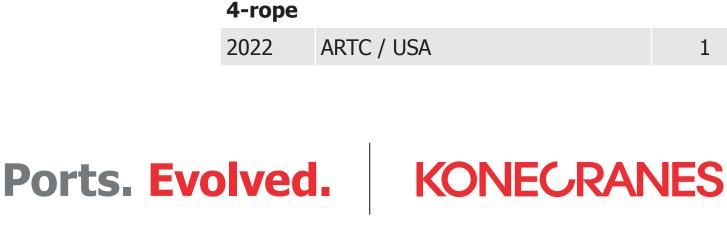
SELECTED REFERENCES

ARTC | USA

Logistec | USA

Customers must:







Konecranes is a world-leading group of Lifting Businesses™, serving a broad range of customers, including manufacturing and process industries, shipyards, ports and terminals. Konecranes provides

productivity enhancing lifting solutions as well as services for lifting equipment of all makes. The Group has more than 16,000 employees

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