

How did

a cow evolve into one of the planets smartest animals?

Powerful neural adaptations for more sophisticated computational strategies.



Intelligence. Evolved.

Mobile Harbor Crane Control Upgrade

A simple, smart adaptation that readies a 15-year-old crane for many more years of operation.

Adapt and thrive

Konecranes is the premier port services provider to brownfield terminal developments. Our range of retrofit products will enable your fleet to adapt to a fast-changing environment. Welcome to your evolution.

MHC Control Upgrade

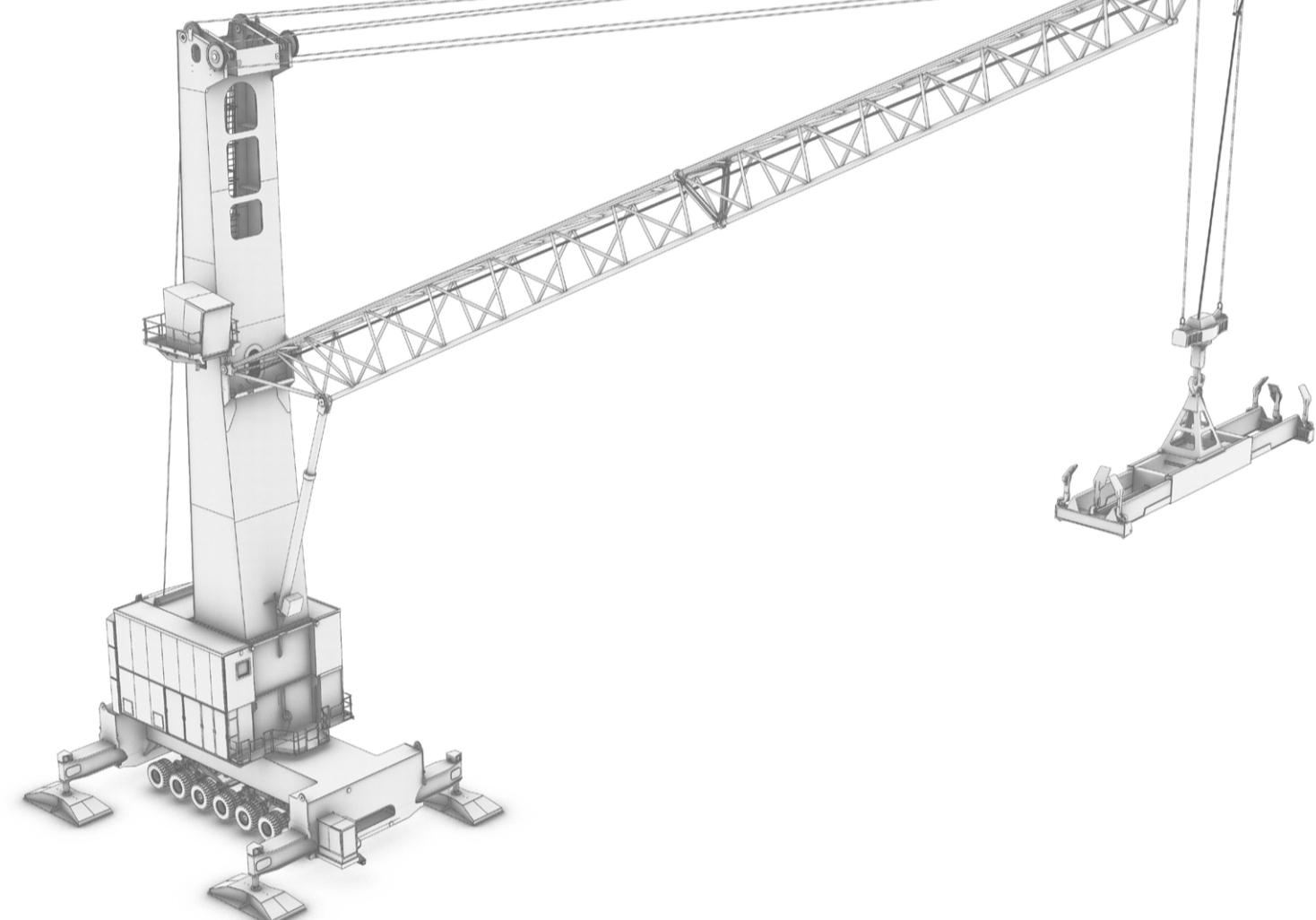
A simple way to extend the operating life and availability of your mobile harbor crane.



Benefits

- After the retrofit, Konecranes guarantees spare parts support.
- Included with the retrofit are new monitors for the control room and operator cabin.
- This retrofit is a turn-key solution that includes:
 - installation, testing and commissioning
 - technical documentation
 - training support.
- Decreased downtime means increased productivity.
- Modern technology increases the reliability and extends the lifespan of an old MHC for between 10 and 15 years.
- Supports sustainability principles of improving existing equipment – saving materials, transport costs and emissions.

This is a standardized retrofit applicable to Konecranes Gottwald MHCs K2000.



MHC
Mobile Harbor
Crane



Why Upgrade the MHC's Programmable Logic Controller?

After 10 to 20 years, the steel structure of MHCs is likely to last for more years,* but –

- The computer hardware and software components in these cranes are now obsolete.
- Sourcing original spares and support is no longer possible. This negatively impacts crane availability and terminal productivity.

- + The SPC600 control upgrade includes one selected PC, monitors, a CodeSys 3.5 control system and VISUMATIC 8 as well as a UPS.



* Assuming normal usage and conditions.

What you need to know

- MHC SPC600 retrofit is delivered with industrial internet capabilities as standard.
- The software retrofit is customized for each MHC so that for the final software application, both the operation for the crane driver as well as the functionality remains identical.
- Proactive retrofit: downtime = 1 to 2 weeks, depending on the specific crane.
- Reactive retrofit: downtime = 1 to 2 months, depending on specific crane.



Selected References

PD Ports | Middlesbrough

YEAR	CUSTOMER/LOCATION	QUANTITY
2021	PD Ports / Middlesbrough	1

Ports. Evolved.



Konecranes is a global leader in material handling solutions, serving a broad range of customers across multiple industries. We consistently set the industry benchmark, from everyday improvements to the breakthroughs at moments that matter most, because we know we can always find a safer, more productive and sustainable way. That's why, with around 16,600 professionals in over 50 countries, Konecranes is trusted every day to lift, handle and move what the world needs. In 2023, Group sales totalled EUR 4.0 billion. Konecranes shares are listed on Nasdaq Helsinki (symbol: KCR).

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