

SMARTER FROM EVERY PERSPECTIVE

OPERATIONS

Reliability and performance

- Key components made in-house
- Other components from industry-leading suppliers
- Intelligent structure gives excellent stability
- Unique rope arrangement for minimal sway and safe slewing

MAINTENANCE

Easier maintenance

- Intelligent Crane Monitoring System (CMS) supports fault tracking
- Less hydraulics
- Direct access to maintenance points
- Service modularity

OPERATOR

Safe and ergonomic

- All-in-one controls
- High visibility in multiple directions
- Comprehensive and adjustable information panels
- Safe and easy crane access

FINANCES

Lowest lifecycle cost

- Dedication to long-term partnership
- Based on Total Cost of Ownership approach
- Low energy consumption
- High productivity with short cycle times

COMMUNITY

Eco-efficient

- Less hydraulics
- Optimized equipment weight
- Energy-saving Konecranes drives
- Power feedback recycling to minimize energy consumption

OPERATIONS MANAGER

Best performance

- Quick vessel turnaround
- Priority on safety
- Reduced emissions
- Support close to you



INDUSTRIAL
CRANES

NUCLEAR
CRANES

PORT
CRANES

HEAVY-DUTY
LIFT TRUCKS

SERVICE

MACHINE
TOOL
SERVICE

INDUSTRIAL CRANES
NUCLEAR CRANES
PORT CRANES
HEAVY-DUTY LIFT TRUCKS
SERVICE
MACHINE TOOL SERVICE

SHIPYARD CRANES

KONECRANES®
Lifting Businesses™

PORTAL JIB CRANES



Konecranes is a world-leading group of Lifting Businesses™ offering lifting equipment and services that improve productivity in a wide variety of industries. The company is listed on NASDAQ OMX Helsinki Ltd (symbol: KCR1V). With over 11,500 employees at more than 600 locations in almost 50 countries we have the resources, technology and determination to deliver on the promise of Lifting Businesses™.

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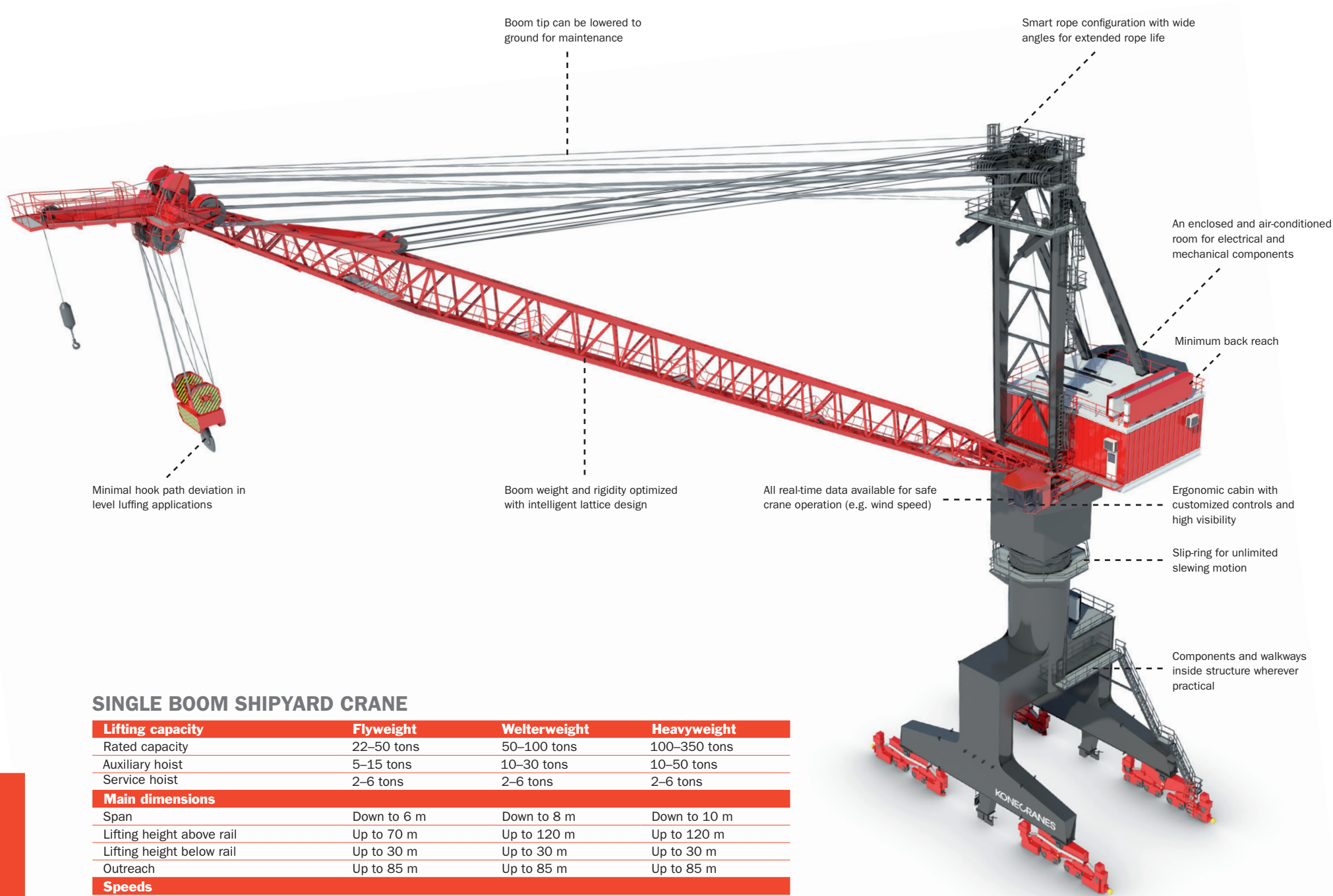
GO WITH THE FLOW

Double Boom Crane construction is the most rigid and accurate in load handling. It is also the simplest to stow, so it is easier to work with neighboring cranes.

Single Boom Crane is more economical than a double boom, and with the latest design advances, it can also be made rigid for heavier loads. Floating dock cranes are a special type of single boom crane for floating dock launches and repairs.

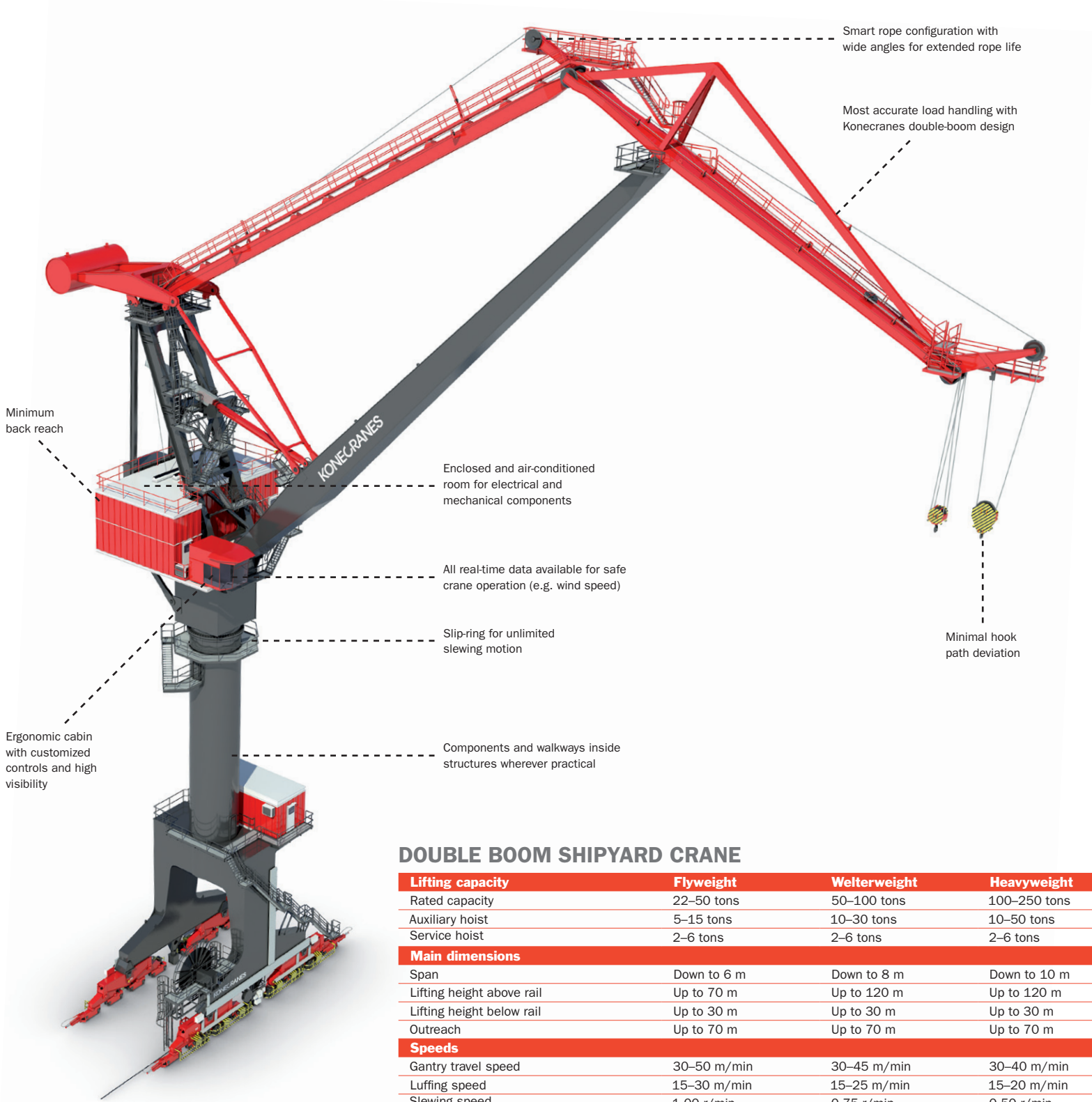
Konecranes provides a comprehensive range of outfitting cranes with full tailoring for your shipyard and your lifting needs. In the last 50 years, we have supplied more than 450 portal jib cranes to customers around the world. Today's cranes use the latest technology combined with time-proven engineering for the most efficient outfitting cranes on the market today.

“IN THE LAST 50 YEARS, WE HAVE SUPPLIED MORE THAN 450 PORTAL JIB CRANES TO CUSTOMERS AROUND THE WORLD.”



SINGLE BOOM SHIPYARD CRANE

Lifting capacity	Flyweight	Welterweight	Heavyweight
Rated capacity	22–50 tons	50–100 tons	100–350 tons
Auxiliary hoist	5–15 tons	10–30 tons	10–50 tons
Service hoist	2–6 tons	2–6 tons	2–6 tons
Main dimensions			
Span	Down to 6 m	Down to 8 m	Down to 10 m
Lifting height above rail	Up to 70 m	Up to 120 m	Up to 120 m
Lifting height below rail	Up to 30 m	Up to 30 m	Up to 30 m
Outreach	Up to 85 m	Up to 85 m	Up to 85 m
Speeds			
Gantry travel speed	30–50 m/min	30–45 m/min	30–40 m/min
Luffing speed	15–30 m/min	15–25 m/min	15–20 m/min
Slewing speed	1.00 r/min	0.75 r/min	0.50 r/min
Hoisting speed with nominal load	10–30 m/min	7.5–20 m/min	5–15 m/min
Hoisting speed with no load	25–50 m/min	20–35 m/min	20–30 m/min
Auxiliary hoist speed with nominal load	45–70 m/min	40–60 m/min	35–55 m/min
Auxiliary hoist speed with no load	60–90 m/min	55–85 m/min	50–80 m/min
Electrical systems			
Crane power supply	Cable reel	Cable reel	Cable reel
Drive and control system	Konecranes AC	Konecranes AC	Konecranes AC
Maintenance			
Crane Monitoring System	Standard	Standard	Standard
Remote diagnostics	Option	Option	Option



DOUBLE BOOM SHIPYARD CRANE

Lifting capacity	Flyweight	Welterweight	Heavyweight
Rated capacity	22–50 tons	50–100 tons	100–250 tons
Auxiliary hoist	5–15 tons	10–30 tons	10–50 tons
Service hoist	2–6 tons	2–6 tons	2–6 tons
Main dimensions			
Span	Down to 6 m	Down to 8 m	Down to 10 m
Lifting height above rail	Up to 70 m	Up to 120 m	Up to 120 m
Lifting height below rail	Up to 30 m	Up to 30 m	Up to 30 m
Outreach	Up to 70 m	Up to 70 m	Up to 70 m
Speeds			
Gantry travel speed	30–50 m/min	30–45 m/min	30–40 m/min
Luffing speed	15–30 m/min	15–25 m/min	15–20 m/min
Slewing speed	1.00 r/min	0.75 r/min	0.50 r/min
Hoisting speed with nominal load	10–30 m/min	7.5–20 m/min	5–15 m/min
Hoisting speed with no load	25–50 m/min	20–35 m/min	20–30 m/min
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Drive and control system	Konecranes AC	Konecranes AC	Konecranes AC
Maintenance			
Crane Monitoring System	Standard	Standard	Standard
Remote diagnostics	Option	Option	Option