

SHIP-TO-SHORE GANTRY CRANE

For the
fastest ship
turnaround
time



INTEGRATED HOUSE

Integrated machinery and electrical house including a silent room for monitoring. Major components are under a single roof for simplified and convenient maintenance.

MORE RELIABLE HOISTING

Main hoist has two-rope design for quick rope replacement. Snag protection system can be reset electronically.

CORE OF LIFTING

Core of Lifting from Konecranes: motors, gear reducers, control system work together seamlessly as a unit.

SIMPLIFIED MAINTENANCE

Easy access to the crane maintenance locations for minimized maintenance effort and crane downtime. Reduced hydraulics.

SHIP-TO-SHORE GANTRY CRANE

For the fastest ship turnaround time

Konecranes Ship-to-Shore (STS) gantry cranes are known for their reliability and high performance. They are built around the Core of Lifting concept that incorporates Konecranes' purpose-designed and purpose-built electric motors, gears and control system. With Konecranes STS cranes you will achieve the fastest possible container ship turnaround time.

Operator comfort

Operator comfort is central when it comes to high productivity. Konecranes STS cranes are known for their smooth ride and predictable control – the keys to a very productive work shift.

Maintaining uptime

Maintaining uptime means that the crane is always ready for work, regardless of the conditions. Konecranes STS cranes have a designed lifetime of four million fatigue cycles. The service access points have been designed by listening to customer voices from the field, minimizing downtime in practice.



FEWER SURPRISES

Konecranes STS crane steel structure comes with 4 million fatigue cycles according to EN-standard.

	Monobox	Doublebox
Lifting capacity under spreader	65 LT	65 LT
Lifting height above rail	40.0 - 52.5 m	42.5 - 57.5 m
Outreach	52.5 - 65.0 m	60.0 - 75.0 m
Span	19.5 - 30.5 m	27.0 - 35.0 m
Backreach	20.0 m or 25.0 m	25.0 m, 27.5 m or 30.0 m
Trolley type	Semi-rope trolley	Rope-towed trolley
Trolley speed	210 or 240 m/min	240 or 300 m/min
Hoist speed (with load)	75 or 90 m/min	90 m/min
Hoist speed (empty)	150 or 180 m/min	180 m/min
Gantry travel speed	45 m/min	45 or 55m/min
Fatigue design (EN)	4 million cycles	
Power supply	3-20 kV, 3 phase, 50/60 Hz	
Shore power supply	50/60Hz, 400V	
Typical wheel loads	47-70 tons/m*	52-76 tons/m*
Drive system	Konecranes Core of Lifting	
Diagnostics and maintenance	Konecranes Crane Management System (CMS), TRUCONNECT, yourKONECRANES, Konecranes STORE, Konecranes Port Service	

*8 wheels per corner

PREDICTABLE AND PRECISE CONTROL

Precise container handling with electromechanical trim-list-skew machinery. Simplified maintenance.

SAFETY FIRST

Free and clear access around the crane when required – in all environmental conditions.

**CONNECTED**

The TRUCONNECT® remote service combines the relevant data for informed decision-making through a single graphical interface, YourKonecranes.com.



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. In 2018, Group sales totaled EUR 3.16 billion. The Group has 16,100 employees at 600 locations in 50 countries. Konecranes shares are listed on the Nasdaq Helsinki (symbol: KCR).

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