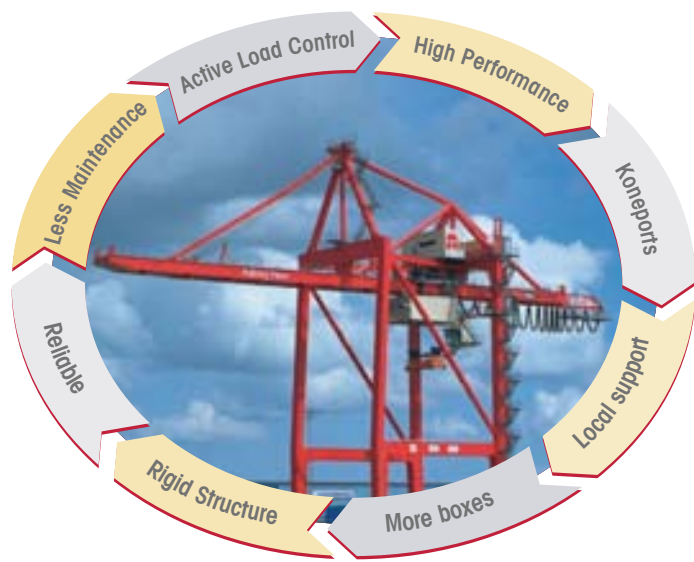




# High Lifecycle Profitability

Konecranes Ship-to-Shore gantry cranes are the workhorses of any high performance container handling operation. They work 24 hours a day and 365 days a year giving more value to your investment. Konecranes' goal is to ensure that you get the best performance of your cranes throughout the lifetime of the cranes. High operational performance and low running costs mean positive impact on your business. Konecranes will take care of your cranes in all phases during the lifetime of the cranes.



## HOW CAN KONECRANES HELP YOU TO ACHIEVE HIGH LIFECYCLE PROFITABILITY?

### High productivity with

- Rigid steel structure
- BoxHunter Active Load Control with Sway Prevention and Horizontal Fine Positioning
- Easy to drive, short learning curve

### Maintenance friendly

- Minimum hydraulics
- Access to all maintenance locations
- Konecranes AC drives and motors with minimum maintenance

### Low operational costs

- High availability
- Low downtime

### Reliability

- Proven, modular design
- Konecranes in-house crane components and systems
- Konecranes local support

### Koneports support for all crane brands

- Local technical support
- Maintenance
- Spare parts
- Repairs
- Modernizations

### Environmental friendly design

- Regenerative IGBT supply unit (network braking)
- Non-hydraulic systems with minimum environmental impact

### Konecranes as a company

- No 1 crane Company
- Financially sound
- Continuous R&D

# All Ship-to-Shore crane sizes



## Typical Super Post Panamax STS Crane

- or semi-rope trolley
- Doublebox main girder and boom structure
- Capacity: 50-65 ton
- Outreach: 60-65 m
- Hoisting speed: 90/180 m/min
- Trolley speed: 210 m/min
- Gantry speed: 45 m/min



## Typical Post Panamax STS Crane

- or semi-rope trolley
- Doublebox main girder and boom structure
- Capacity: 50-65 ton
- Outreach: 45-55 m
- Hoisting speed: 75/150 m/min
- Trolley speed: 180 m/min
- Gantry speed: 45 m/min



## Typical Panamax STS Crane

- or semi-rope trolley
- Monobox main girder and boom structure
- Capacity: 40-50 ton
- Outreach: 30-40 m
- Hoisting speed: 60/120 m/min
- Trolley speed: 150 m/min
- Gantry speed: 45 m/min

# available



## High performance **BoxHUNTER®** trolley

Light weight, high performance machinery on trolley design with Active Load Control. Sway Prevention and Horizontal Fine Positioning Systems give tools to the driver for higher performance. Gear reducers, rope drums, electric motors and drives manufactured by Konecranes.



## Konecranes electrical system

Konecranes all AC electrical system designed for crane application. Smooth and precise movements with short response times. CAROL Crane Management System with advanced features.



## Spacious machinery house

Spacious machinery house design. Room for efficient maintenance.

## Rigid structure

Strong and rigid structure – minimum deflections. Gives protection to walkways and electrical cables inside the legs.



## Snag Load Protection System

Non-hydraulic, environmental friendly all mechanical Snag Load Protection System with no energy consumption during the operation.



## Ergonomic Operator's Cab

Spacious and ergonomic Operator's Cab, which ensures productive working environment for the driver. Together with Konecranes trolley design and electrical system the driving comfort is state of the art.





# World Leading Crane Technology

**KCI Konecranes is the leading crane and crane maintenance provider in the world and operates from over 250 locations in more than 40 countries.**

KCI Konecranes designs optimal solutions for your material handling needs. Based on these solutions, our highly automated in-house component manufacturing creates high quality and quick spare parts delivery.

KCI Konecranes is widely known for its state-of-the-art products. Continuous Research and Development work ensures the reliability of the equipment in various environment and applications. Components designed specifically for material handling applications allow us to offer more value to our customers.

KCI Konecranes is the world's biggest electrical drive supplier for crane applications. We have in-house expertise that can be utilized in connection with all kinds of drive and automation applications.

KCI Konecranes supplies lifting appliances from 125 kg chain hoists up to 3000 ton offshore cranes. We provide services from crane inspections to comprehensive maintenance contracts for your whole plant. Majority of the well over 200.000 cranes under our maintenance contract are manufactured by others. KCI Konecranes' after sales services is the world-class organization backed with the global engineering network.



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