

HYUNDAI CRANES

Leading through HIGH QUALITY



HYUNDAI CONTAINER CRANES

Ship To Shore Cranes
RTGs (Rubber Tyred Gantry Cranes)
RMGs (Rail Mounted Gantry Cranes)



Hyundai Samho Heavy Industries has established an effective total system in engineering, design, manufacturing, erection, transportation, site installation, test and commissioning of high quality container handling cranes.

The superiority of Hyundai cranes has been successfully demonstrated in the ports and terminals worldwide with timely delivery and reliable performance.

Hyundai cranes will be certainly the best choice to increase the efficiency and productivity of a port and terminal operation.



▲ 50T Capacity STS cranes for Port of Balboa



▲ 60T Capacity STS cranes for PSA Singapore



▲ 61T Capacity STS cranes for YGPA



▲ 40T RTGs for Busan Port



▲ Automated Transfer Crane and AGV for Kwangyang Port



▲ Automated Transfer Crane for Busan Port

WIRELESS POWER TRANSMISSION CRANE

Innovative 3rd Generation RTG
Eco-Friendly Equipment For Green Terminal
Cost-Efficient Solution



Most of ports in the world are commonly concerned about a large quantity of carbon emission, high cost operation and mobility constraints of cranes.

To resolve these problems, Hyundai Samho heavy Industries developed innovative 3rd generation RTG with wireless power transmission technology in 2016.

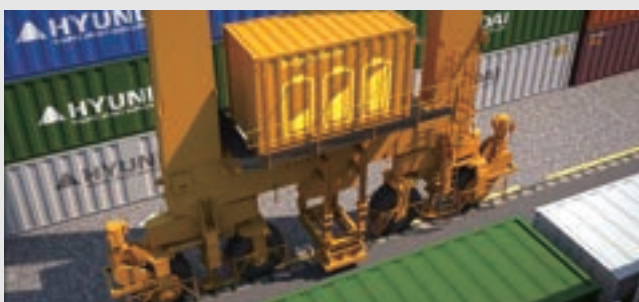
Hyundai provides eco-friendly equipment and cost-efficient solution for realization of green terminal.



▲ Efficient Wireless Power Transmission



▲ Provide Free Mobility of RTG



▲ Save Regenerative Braking Energy



▲ Lower Installation & Maintenance Cost

◆ TEST CONDITION

MOTION	DUTY CYCLE [%]	TEST TIME [min]
HOIST	37.0	22.2
TROLLEY	16.3	9.8
GANTRY	15.8	9.5
STANDBY	30.9	18.5
TOTAL	100	60

◆ W-RTGC(WIRELESS) Power Consumption

MOTION	1 st	2 nd	3 rd	4 th	AVG
HOIST	8.2	8.7	10.3	8.7	9.0
TROLLEY	2.3	2.5	3.1	2.8	2.7
GANTRY	2.5	5.7	4.9	4.8	4.5
STANDBY	3.1	2.2	3.4	3.3	3.0
TOTAL	16.1	19.1	21.7	19.6	32.5

[kWh]

SHIPYARD CRANES

Goliath Gantry Cranes Jib Cranes



With a large number of delivery performances of Goliath and Jib cranes to the world's top-class shipyards, Hyundai Samho Heavy Industries offers the most optimized solutions based on its know-how accumulated through production, maintenance and operation of cranes for the past 50 years. Now, Hyundai is developing smart crane system that features anti-collision, preventive maintenance and remote operation technology.



▲ 900T Capacity Goliath Gantry Crane



▲ 1600T Capacity Goliath Gantry Crane



▲ 1650T Capacity Goliath Gantry Crane



▲ Rope Balance Type Jib Crane



▲ Swing Lever Type Jib Crane



▲ Double Link Type Level Luffing Crane

INDUSTRIAL PLANT & OFFSHORE

Heavy Lifting Vessel
Floating Dock
Derrick For Semi-Submersible Drilling Rig
Other Industrial Plants



By successfully delivering the 120,000T Q-Max class Floating Dock, 10,000T capacity Heavy Lifting Vessel, Derrick for the 6th generation Semi-submersible Drilling Rig, and Filling & Emptying System for the Third Locks of Panama Canal project, Hyundai Samho Heavy Industries has recently established a remarkable position in the Industrial Plant and Offshore market.



▲Derrick for Semi-Submersible Drilling Rig



▲ 120,000T Q-Max Floating Dock



▲ 10,000T Capacity Heavy Lifting Vessel



▲ Offshore Platforms



▲ Filling & Emptying System for Panama Canal



▲ Mega Steel Structure

BULK HANDLING SYSTEM

Continuous Ship Unloader
Grab Type Ship Unloader
Stacker & Reclaimer
Belt Conveyor System



Hyundai Samho Heavy Industries specializes on a turn-key basis in engineering, design, fabrication, and construction of Bulk handling system which includes the supply of Ship Unloader, Conveyor system, Stacker, Reclaimer, and Shed or Silo.

Hyundai's total engineering approach in conjunction with extensive experience and advanced technology leads us to be a supplier of a whole range of reliable Bulk handling system.



▲ Coal Handling System



▲ Grab Type Ship Unloader



▲ Continuous Ship Unloader



▲ Stacker & Reclaimer



▲ Coal Storage Facility (Shed Type)



▲ Conveyor Belt System

AUTOMATION & DOUBLE TROLLEY SYSTEM

Double Trolley Operation System
Remote Operation System
Automatic Crane Control System



Hyundai's Double Trolley Quay Crane, the highly sophisticated crane with advanced automation and remote control technology, will feature lashing platform, secondary hoist and trolley to move container to and from lashing platform and the automated horizontal transport. The operation of the trolley and hoist are fully automatic based on Automatic Crane Control System in the most productive and safe manner.



▲ Double Trolley Quay Crane with Automation System



▲ Target Profiling & Position System



▲ Ship Profiling Scanning System



▲ Spreader Position Control System



▲ Remote vision System



▲ Container Numbering Recognition System

Experience great satisfaction with fully-customised products

whatever you need for port operation and cargo handling

Hyundai Samho Heavy Industries as a leading plant and crane manufacturer, supplies various material handling cranes such as container cranes, bulk handling systems, shipyard cranes and industrial plants. With accumulated experiences and cutting-edge technology proven in this business field, Hyundai provides highest class design and quality products, meeting the utmost needs of the customers.



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