

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

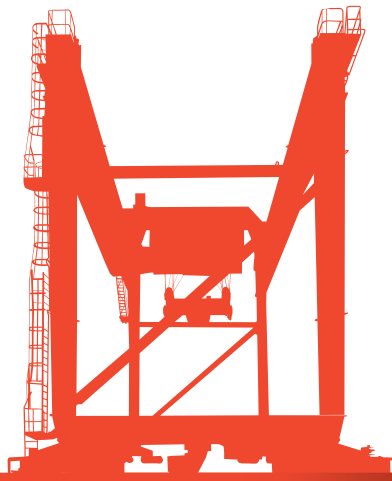
KONECRANES[®]
Lifting Businesses[™]

Reference Hyundai Heavy Industries (HHI)



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COMPANY PROFILE

Hyundai Samho Heavy Industries (HSHI) is the professional shipbuilding Co., having the 5th largest production capacity in the world. We conduct business in various fields such as shipbuilding and offshore operations. The company is located at Samho-Eup, Youngam-Gun, Chollanamdo, Korea with the spacious site having 3,300,000 square meters.

Goliath Gantry Crane

REPAIR

YEAR

2005

INITIAL SITUATION

In 2005 Konecranes' assistance was needed in the shipyard of the Korean city of Mokpo. On the Konecranes Goliath Gantry Crane, the joint between the main girder and pendulum leg has a rubber bearing assembly (d 1800 mm). The assembly was found to be defective and caused problems during ship block assembly.

KONECRANES' SOLUTION

Hyundai Samho Heavy Industries (HSHI) decided to replace the bearing. Konecranes provided the necessary components – including new rubber bearing assembly –, engineering, procedures and supervision. The replacement work was carried out under difficult conditions. For one thing, it was carried out at a height of 85 meters and for another the combined weight of the main girder and trolleys was approx. 2 300 tons. During the replacement work the main girder was supported by hydraulic jacks.

RESULTS

Thanks to the committed around-the-clock efforts of Konecranes, the work could be completed punctually within the narrow timeframe of 4 days. Afterwards the crane could be taken back into operation without any problems.

INFORMATION & CONTACT

 For further information please contact

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Replacement pendulum leg



Old pendulum leg