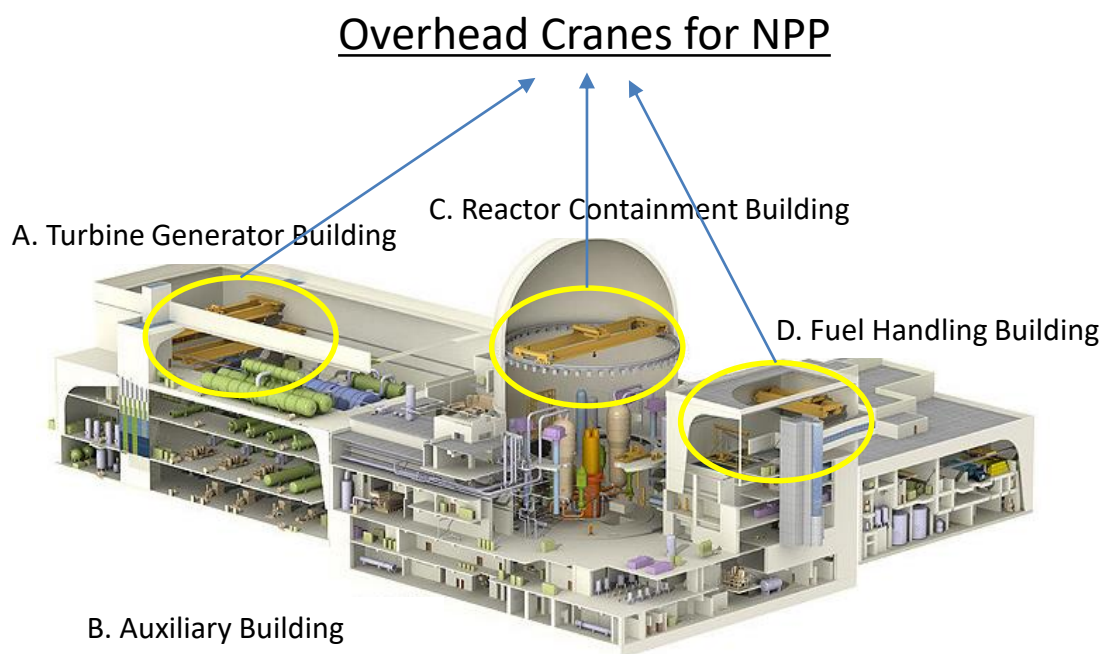


All types of overhead cranes for NPP can be supplied

- Turbine Generator Building (TGB)
 - : 310/70 US Ton TGB Main Crane
 - : 30/10 US Ton TGB Aux Crane
- Reactor Containment Building (RCB)
 - : 950 US Ton Polar Crane
- Fuel Handling Building
 - : 150/10 US Ton Fuel Handling Area Crane
- Others
 - : 50/12 US Ton Intake Gantry Crane
 - : 25/5 US Ton Cold Machine Shop Crane
 - : 15 US Ton Turbine Valve Shop Crane

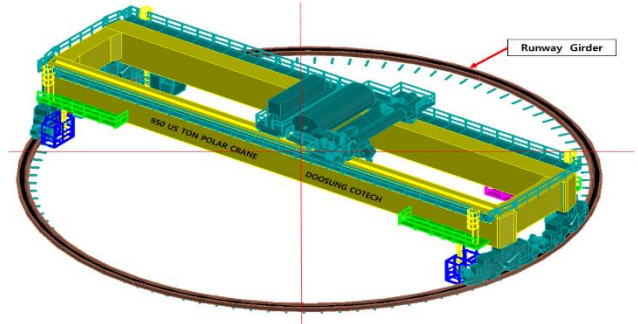


310/70 US Ton TGB Main Crane



950 US Ton Polar Crane

Item	Reactor Containment Building Polar Crane	Category	Mechanical / Crane
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Description & Characteristics

- Polar cranes are used for sensitive fueling and fuel assembly purposes, as well as reactor head removal and replacement. Used to handle multipurpose lifting needs, polar cranes are comprised of a main hoist, auxiliary hoist, and containment inspection man lift. These cranes can perform various maintenance and operational duties while ensuring optimal quality and safety. Easily meeting the stringent requirements of the nuclear industry, cranes also reduce the need for additional cumbersome lifting equipment.

Main Customer

- KHNP / Korea

Product Specification

- Overall Dimension
 - Length : 1,752 / 4,450 (in/cm)
 - Width : 607 / 1,540 (in/cm)
 - Height : 591 / 1,500 (in/cm)
- Span (center-to-center of wheels (Minimum)) : 143 ft – 0 in
- Capacity
 - Main Hoist : 475 / 431 (US tons/M tons)
 - Construction Hoist : 475 / 431 (US tons/M tons)
 - Main Hoist and Construction Hoist Linked Together : 950 / 862 (US tons/M tons)
 - Auxiliary Hoist : 90 / 82 (US tons/M tons)
 - Bridge Design Load : 647 / 587 (US tons/M tons)
 - Monorail Hoist : 2.2 / 2 (US tons/M tons)

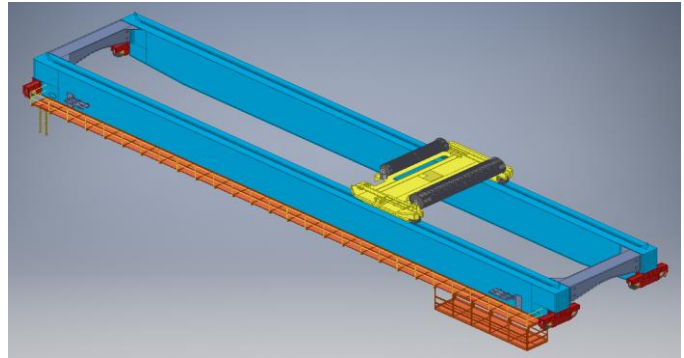
Certification

- ISO 9001 / ISO 14001 / ISO 45001 / OHSAS 18001

Manufacturer

- DOOSUNG COTECH Co.,Ltd.
- www.doosungct.com
- TEL : +82-55-582-5455
- ds@doosungct.co.kr

Item	Turbine Generator Building Crane	Category	Mechanical / Crane
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Description & Characteristics

- Turbine building cranes in nuclear power plants are large, typically in the capacity range of 200 tons or more, often with long spans. They are frequently used to handle outage support equipment in addition to turbine and generator maintenance.

Main Customer

- KHNP / Korea

Product Specification

- Overall Dimension
 - Length : 1,690 / 4,292 (in/cm)
 - Width : 443 / 1125 (in/cm)
 - Height : 320 / 813 (in/cm)
- Span (center-to-center rails) : 138 ft 6 in
- Capacity
 - Main Hoist : 310 / 281 (US tons/M tons)
 - Auxiliary Hoist : 70 / 64 (US tons/M tons)
 - Bridge Design Load : 310 / 281 (US tons/M tons)

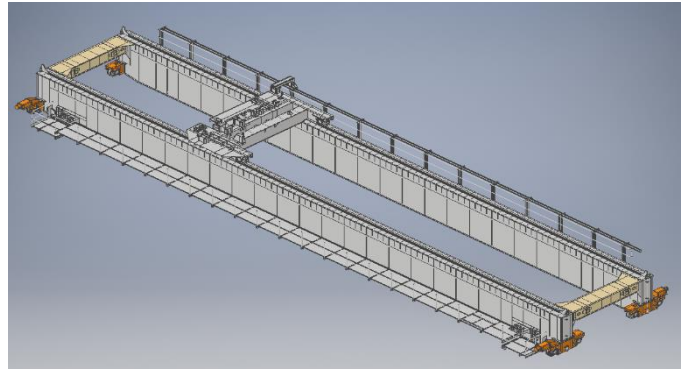
Certification

- ISO 9001 / ISO 14001 / ISO 45001 / OHSAS 18001

Manufacturer

- DOOSUNG COTECH Co.,Ltd.
- www.doosungct.com
- TEL : +82-55-582-5455
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Item	Fuel Handling Area Crane	Category	Mechanical / Crane
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Description & Characteristics

- The Fuel Handling Area Crane travels on the full length rails of Auxiliary Building for the initial fuel loading. After fuel loading, the crane is restricted by removable mechanical limit stops installed (by other) on the rails to prevent the crane with heavy loads from traveling over the spent fuel pool and to limit the moving in such a manner as to minimize falling or tripping into the pool.

Main Customer

- KHNP / Korea

Product Specification

- Overall Dimension
 - Length : 1,379 / 3,502 (in/cm)
 - Width : 347 / 880 (in/cm)
 - Height : 255 / 647 (in/cm)
- Span (center-to-center rails) : 113 ft – 0 in
- Capacity
 - Main Hoist : 150 / 136 (US tons/M tons) DRL
: 150 / 136 (US tons/M tons) MCL
 - Auxiliary Hoist : 10 / 9 (US tons/M tons)
 - Bridge Design Load : 150 / 136 (US tons/M tons)

Certification

- ISO 9001 / ISO 14001 / ISO 45001 / OHSAS 18001

Manufacturer

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- TEL : +82-55-582-5455
- ds@doosungct.co.kr