

ALTERNATIVE CONTAINER TERMINAL CONCEPT

adi Consult GmbH, IMS Ingenieurgesellschaft mbH, and Liebherr Nenzing GmbH, one of the leading crane manufacturers in the world have developed an alternative port concept for container vessels up to Pan max size.

This concept is based on a **double girder crane, the so called MPC**, designed by Liebherr as an alternative to the common gantry crane.

adi Consult GmbH and Liebherr have an agreement to approach the market jointly.

The MPC on fixed installation allows a quay construction at low cost because of the punctual foundation and the lower weight of the crane, abt. 210 t versus abt. 500 t of a gantry.

All major components of the MPC crane are inside the crane and therefore well protected against environmental influences.

No drive ways needed as the MPC covers the storage yard as well, thus increasing the useable area.

The investment cost for the storage area will be reduced as there are no heavy fork lift trucks moving containers. There will be a reduction of operating expenses as repair costs will be cut down.

Casualties will be reduced as no heavy equipment is needed for transportation of containers.

Traffic noise will be reduced considerably.

Cost of investment: The MPC compared to a conventional gantry crane has about 50% lower investment costs. The investment costs for the infrastructure is about 40% lower compared to the conventional quay construction.

For more information please see the attachments or give us a call any time.

Contact:

adi Consult GmbH

Werner Pinnow

Tel: +49 (0)4102-707 81 12

Werner.Pinnow@adiconsult.com