



Liebherr Crane Move Manila, Philippines

The goal: reposition a Liebherr Tango lightweight dockside crane.

The Liebherr Tango crane is light and flexible. Unlike typical dockside container cranes, the landside legs are pinned at the top. The crane loses stability when its landside legs are not supported by the gantry rail.

Liftech successfully designed a scheme to move the light crane safely on dock. The crane was supported on dolly assemblies at each corner and struts were placed between landside and water side legs. The crane was lifted off the rails and rolled back about 150 ft. The remaining two cranes were gantried into place, and the Liebherr crane was rolled back onto the rails.

The operation was completed in four days, two days ahead of schedule.

Reference:
International Container Terminal Services, Inc.
Manila Central, Philippines