

STS height increase

Liebherr Transform

LIEBHERR

Liebherr Container Cranes Ltd.



Stronger



Faster



Smarter



Greener

Reach new heights with your STS

When you bought your crane, it was state-of-the-art, big enough to handle the largest vessels you needed it to handle and had some “Growing room” to allow you to plan ahead and service the larger vessels that were sure to arrive in the future.

Now, you find that your crane is no longer big enough, it needs to be taller to handle the newer generation of ships that stack containers much higher on deck. Alternatively, perhaps you have a change in your operational requirements on the landside and you need to accommodate larger equipment under the crane. Either way, you need a taller crane.

Fortunately, Liebherr cranes are built to last. Robust engineering means that instead of buying a new crane, you can simply extend the lift height on your existing crane.

Lift height extensions using our patented system allows for lift height increases of up to 11.5m with minimal operational interference. Site turnaround is fast too, from four weeks per crane.



Fast turnaround thanks to patented system

Our unique patented system has been developed by Liebherr engineers to make increasing the lift height on your STS crane a straightforward, clean operation. Using the sill beam for jacking ensures that additional large or heavy equipment is not required, meaning that we can roll the crane to the end of the quay and increase the lift height without even removing it from the rails. If we do have to move it from the rails, we only require a small foot-print to complete the lift height extension.



A few weeks to prepare the crane, weld on attachments and bracing is all that is required before moving the jacking equipment into place, one jack for each corner. Lifting the crane and inserting the extensions is carried out over the course of a few hours. Our engineers undertake an extensive design review, always keeping in mind the environmental restraints, whilst focusing on optimising the commercial opportunities that an increased outreach brings.

Overview

- Extensions of up to 11.5 m
- Simultaneous lifting
- Tidy with minimal disruption
- No requirement for support equipment
- From four weeks per crane
- Simultaneous jacking at 2 m / hr
- Four hydraulic jacking towers @ 600 t SWL per corner

Liebherr Transform

Unleash the full potential



Liebherr Transform is the upgrade and modification service from Liebherr Container Cranes Ltd.

Ports and terminals are under increased pressure to reduce costs and boost performance through increased productivity, faster turnarounds and reduction in equipment downtime. This can sometimes result in increased capital expenditure for new equipment.

As a Liebherr Container Cranes customer, you already own the best container handling equipment on the planet. Why not unleash its full potential by upgrading it?

Liebherr Transform uses the best available technologies to make your crane stronger, faster, smarter, greener and ultimately ... better.

