



## THE CHALLENGE

After 15 years of operations, the trolley drive train was worn out, and it was time for a complete replacement. The overhaul had to be done in a tight timeframe to minimize the crane's downtime.

## THE SOLUTION

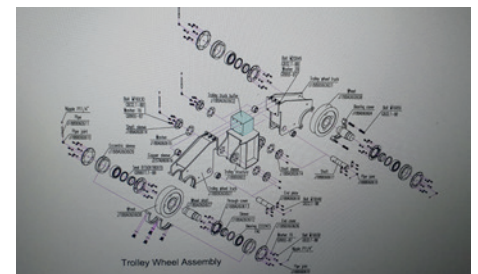
STARKON was up for the challenge and executed the complete project.

Including:

- a project safety plan including risk analyses;
- a project schedule including a daily progress update;
- the whole body vibration measurement;
- replacement of all trolley drive train parts;
- trolley wheel alignment after the replacement;
- wheel replacement;
- all bearings and shaft replacements; and
- truck buffer replacement and height adjustment.

## THE RESULT

Even with some setbacks like adverse weather conditions, STARKON succeeded to complete the project within the tight schedule. The overhaul of the complete drive train of the ship-to-shore crane resulted in the smooth function of the trolley operations. The crane is now ready for another 15 years of container movements.



<https://starkon.nl/project/sts-crane-trolley-wheel-truck-refurbishment>

## STARKON BV

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