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# LED lighting

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Liebherr Transform

**LIEBHERR**

Liebherr Container Cranes Ltd.



Stronger



Faster



Smarter



Greener

# Make the switch to LED lighting

Upgrade metal halide (HID) or high-pressure sodium (HPS/SON) lighting on your existing STS, RTG or RMG cranes to LED technology. LED lighting is a greener, energy efficient, and cost-effective lighting solution. Significant savings can be achieved through the use of a lower wattage LED lighting system, whilst improving the lighting levels on your crane and in your operational area.

A light survey will be carried out on the crane, carefully selecting the most appropriate LED fittings and optic diffusion to ensure recommended illumination levels are achieved. Existing cabling can be retained, with the switch-gear and bracketry being adapted to suit the new LED lighting.

## LED lights – the benefits

### Long lifespan

LED lights are built to last. The lifespan of LED lighting is far superior to other lighting technologies, which means these new lights won't need to be replaced. This in turn will drastically reduce maintenance costs

### Energy efficiency

LED lighting is extremely energy efficient. Most LED light bulbs use a fraction of the energy of the typical light bulb, making them far less of a drain on energy consumption. On average, LED light bulbs are four to five times as efficient as incandescent lights. LED lighting is capable of producing a large amount of light at a low wattage.



### Affordability

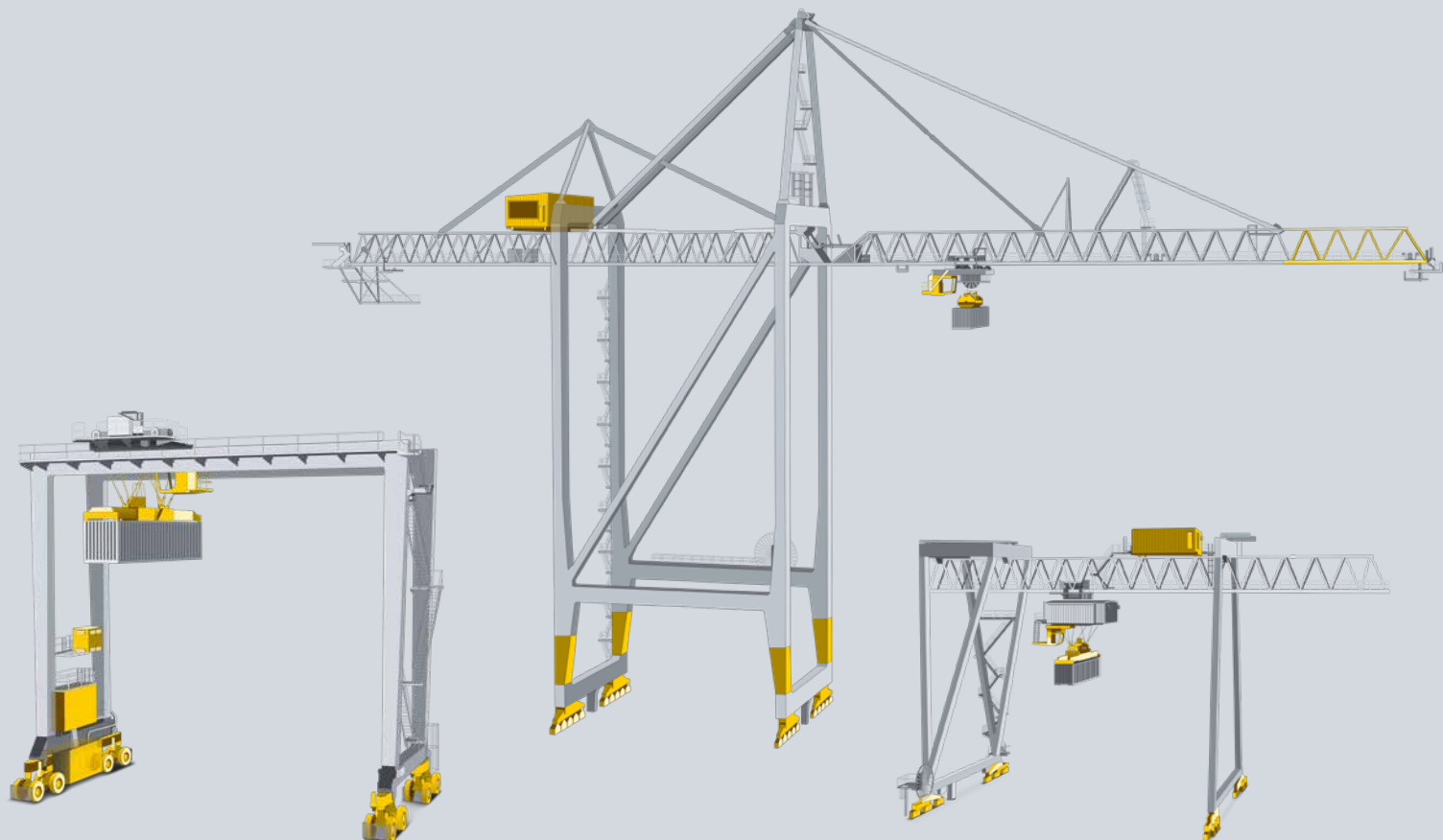
Due to the long lifespan, and incredible energy efficiency, switching to LED lighting drastically reduces maintenance and energy costs.

### Sustainability

Not only are LED lights efficient and affordable, but LED lighting also contains no toxic chemicals. This makes LED lights much more environmentally friendly. Since LED light bulbs last significantly longer than the average light bulb, they produce less waste. In addition, due to the absence of hazardous or toxic materials, they are easy to recycle.

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# 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.

