# **CONFERENCE & RECEPTION**

#### Marco Guariglia M.D. Liebherr Tower Cranes

The benefits of fibre ropes on tower cranes

CREATED AND ORGANIZED BY



PARTNER ASSOCIATION



#### **Liebherr Tower Cranes**

We make lifting better.





#### A history of ropes





#### **Research & Development**

test in sand, dust ,n' rain



~ 90° C ~ 153° F

### ~ 70.000 m

2009

## ~ 55.400 h

tech labs & systems, clima chambers, ...





#### **Research & Development**



Special constructions

Up and down for years

Until...



#### The result

#### The result

#### lacing rope with syntetic fibre - soLITE

- same roll behaviour
- equal diameter

- + more durable on site
- + corrosion-free
- + better handling
- + ...

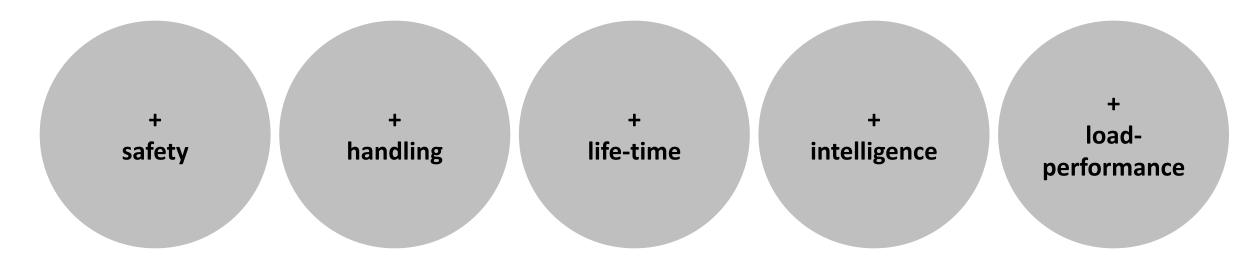






Product Testing
10 tower cranes
5 countries
318 weeks on sites









Operators check is easy – just look for red. Plain safety!

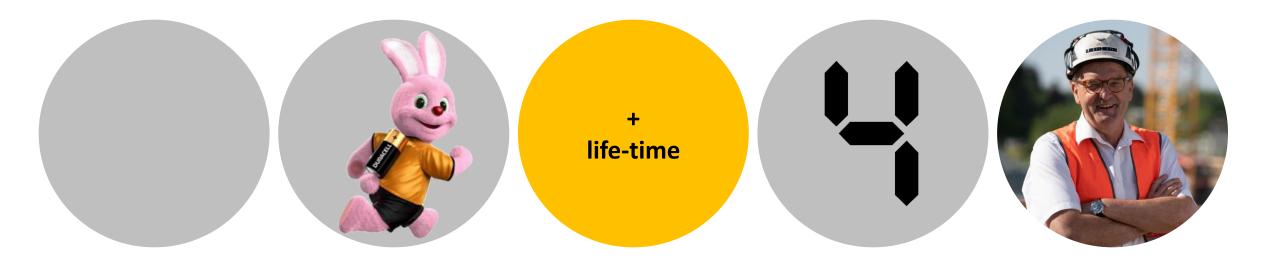




Not just a phrase:

Faster, easier and cleaner assembly.





Lasts longer and longer and longer...~ 4 times – 7 to 9 years on site





Litronic Bending Algorythm Intelligent condition monitoring





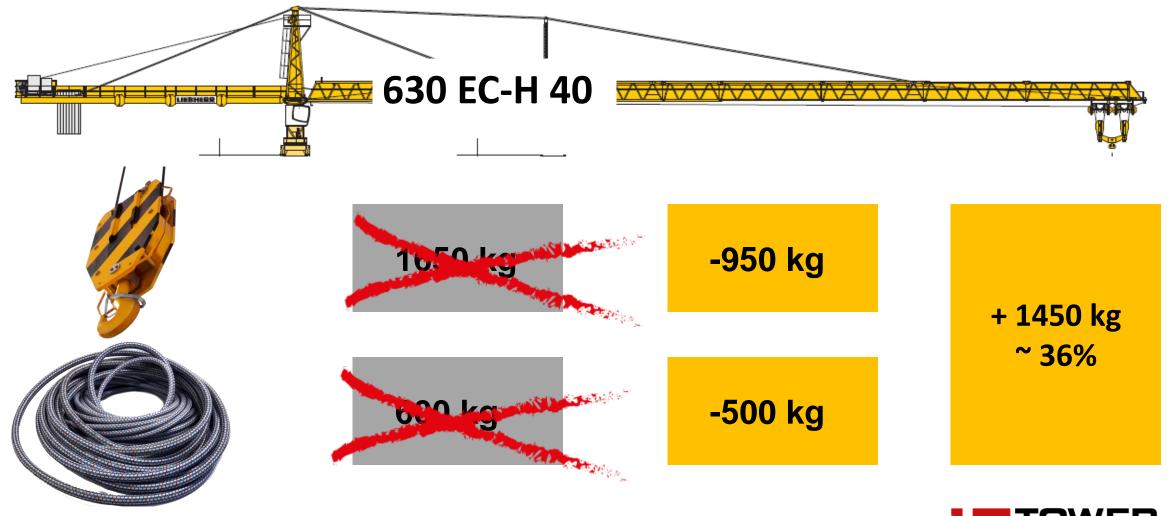
The big ,why'! More load-performance



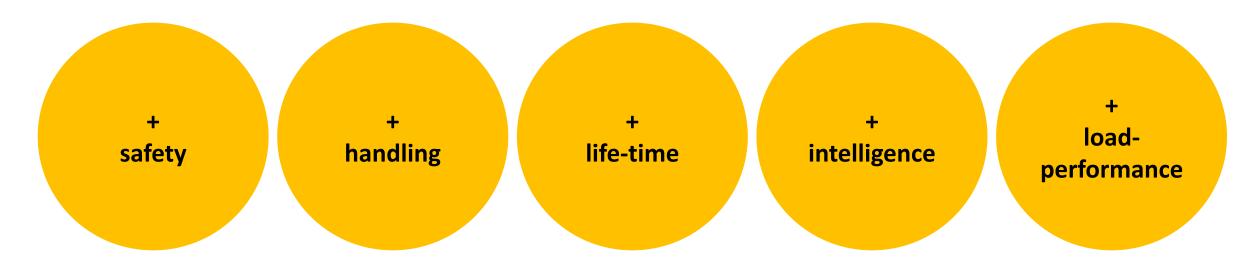












Start-of-sales: Bauma 2019





# The benefits of **soLITE** for **tower cranes**

