

258 HC-L 10/18 Fibre

The lightness
of power

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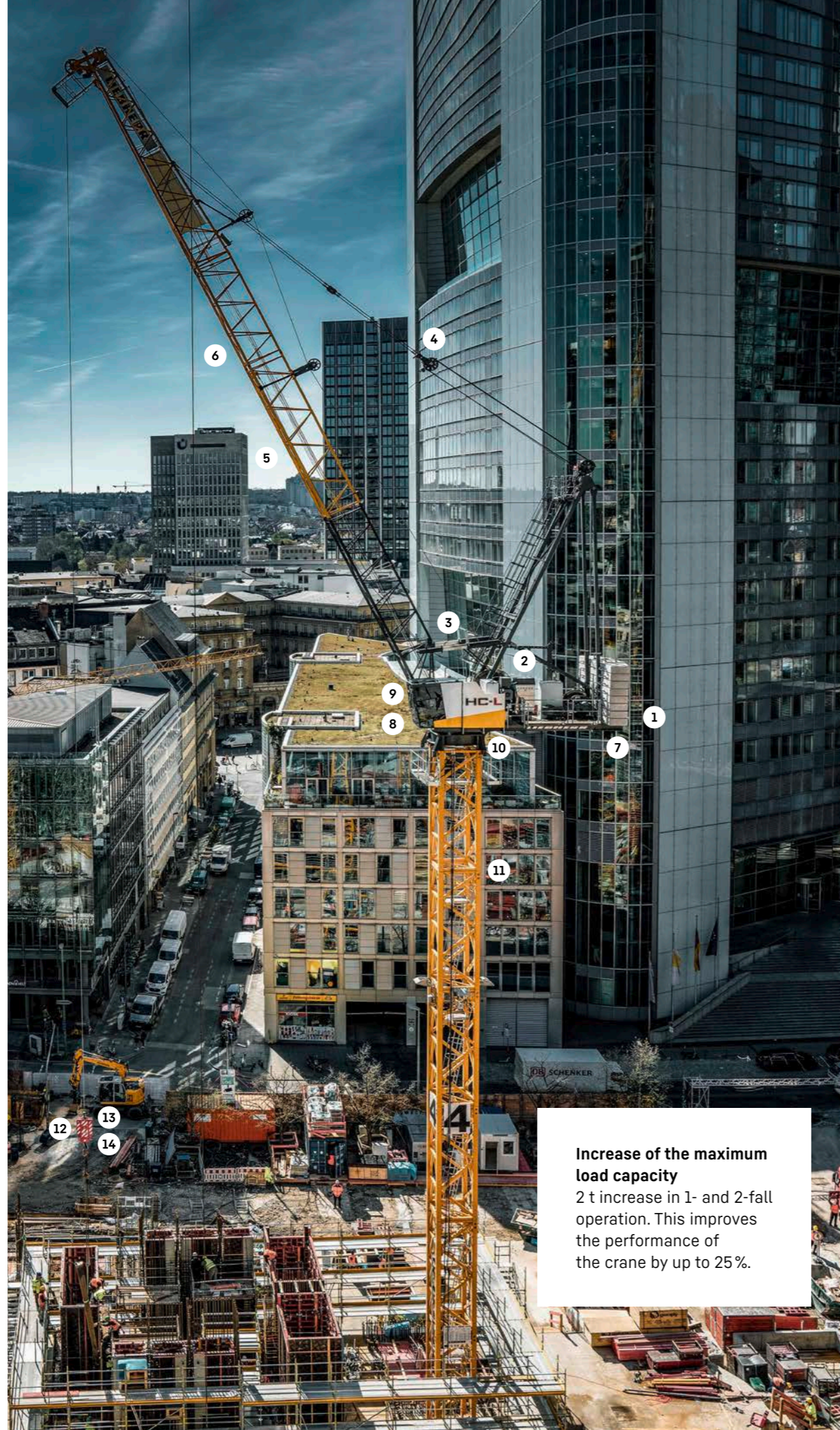
HC-L

Technical data

Max. lifting capacity	18 t
Max. radius	60.0 m
Max. lifting capacity at the jib head	2.5 t
Max. free-standing hook height	755 m

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- 1 **Minimum out-of-operation position**
up to 12.6 m
- 2 **High-performance hoist gears**
SD-Shift hoist gears with
hook speeds up to 265 m/min
- 3 **Spring supports**
guarantee safety during operation
- 4 **Powerful luffing gear**
for high-speed handling
- 5 **Wind force moment control**
for jib stabilisation
- 6 **60 m Jib**
can be split in 5-metre steps
- 7 **Small slewing radius**
7.0 m (steel ballast) /
7.2 m (concrete ballast)
- 8 **Intelligent control system**
supported by modern assistance systems
- 9 **Superbly equipped**
with LiCAB in the versions
Basic, Air and AirPlus
- 10 **Slewing gear**
for precise, smooth slewing movements
- 11 **Taper pin connection**
entirely free from play
- 12 **Redesigned bottom hook block**
significantly slimmer and 200 kg
additional load capacity increase
due to single-fall bottom hook block
- 13 **Level luffing**
automatic control makes
working more precise
- 14 **MICROMOVE**
fine positioning with millimetre precision



Increase of the maximum load capacity
2 t increase in 1- and 2-fall operation. This improves the performance of the crane by up to 25%.

The benefits of Fibre Cranes

Specialising in large construction sites and high handling capacities, Fibre Cranes deliver outstanding performance values and prove their worth in everyday use.



Improved erection process

The fibre rope is considerably easier to handle for service technicians. Its flexibility and reduced weight mean that the rope replacement and installation work can be completed more quickly and safely.



+40%

The cranes deliver significantly higher capacity over the entire load diagram by reducing the weight of the rope and hook block.



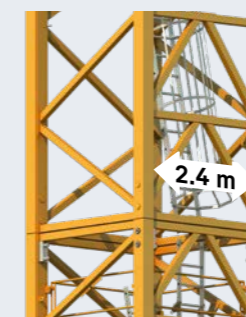
Safety

The cover on the fibre rope does not have a supporting function but is primarily designed to indicate the level of wear. It features fibres which wear at different speeds. Depending on the level of wear, the red core will eventually be exposed indicating that the rope has reached the end of its service life.



x4

The special materials and special design of the fibre rope make it more durable than existing steel ropes. Fibre ropes are more accommodating to bending cycles which means that they have to be replaced less frequently.



24 HC
Tower system

For illustration only



355 IC
Internal climbing
with external
dimensions of 1.9 m

Well-thought-out base

In addition to the proven 355 IC tower system for climbing inside buildings, the 24 HC tower system can also be used. When you mount the crane on a 24 HC 630 tower, you can reach free-standing tower heights of approx. 80 m. A combination of these tower sections with 24 HC 420 towers enables you to reach the same hook heights without additional transition sections. Thus, you mount the crane not only on a safe but also on an economic base.



HC-L Cranes – compact and powerful top performer.

From the very beginning...

Low-cost transport:

- No special transport required
- Containerisable packing units

Low-cost erection:

- Using adjustable assembly units to suit the mobile crane
- With quick assembly connections using the Connect & Work system

... work safely

High handling capacity:

- High-speed, low-maintenance high-performance driving units manufactured in-house
- Can be operated by remote control
- Ergonomic workstation for the crane operator

Litronic – safety-based control system with modern assistance systems

- ABB operating-range limiting system
- Anti-collision system (AKS interface)
- Oscillation-damping system and wind force moment control for jib stabilisation during load transport
- Adjustable slewing gear modes for free adjustment of slewing properties
- Micromove fine positioning system

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