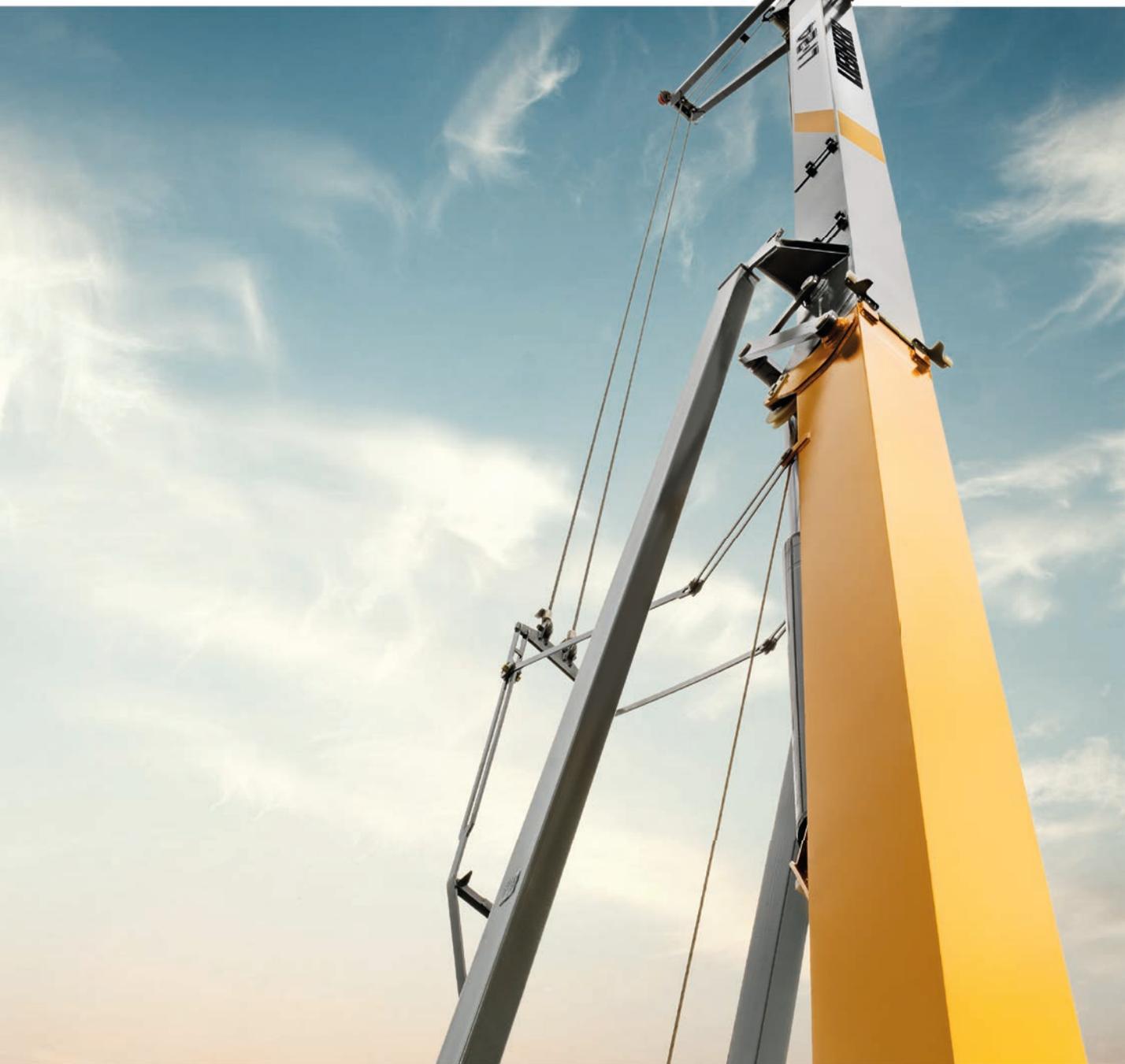


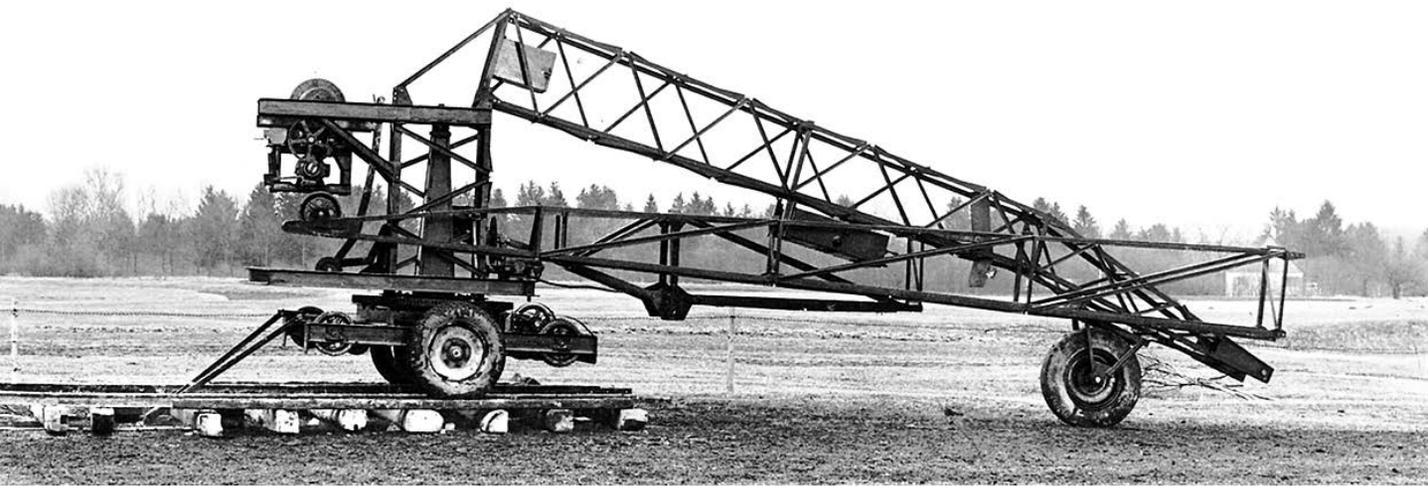
The L1 series.

**Compact power.**



**LIEBHERR**





1949: The start of a success story.





# **Today: A new generation**

Fascinatingly compact, powerful and flexible: discover the cranes in the L1 series.

# Performance redefined

The hydraulic fast-erecting  
cranes of the L1 series.

The L1 supplies a solution for two of your main  
challenges on site – the power to move heavy loads  
without taking up too much space.



**1949. Hans Liebherr, master builder, visionary and founder of the global group of companies develops the first mobile tower crane.**

Because it could be erected quickly and at low cost on site, it fast became the perfect tool for successful building contractors. Over 60 years of experience and more than 70,000 tower cranes later, this concept has reached a new dimension.

**Today.** This new series enables us to supply you with a functional crane to make building contractors' business more efficient – the L1.

These hydraulic fast-erecting cranes combine power and compact dimensions with maximum safety. It is a series which is ideal for meeting the requirements of your site and is also very attractive.

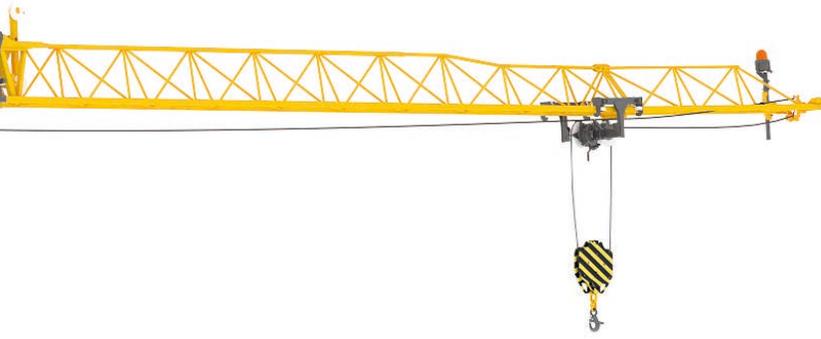


## Design and function

The new L1 series combines innovative technology with a clear, modern design. The result is a powerful fast-erecting crane which delivers improved ergonomics, excellent access for erection and maintenance work and a modern, attractive design. An overall package which will enhance any site.



Small and perfectly formed – the compact slewing platform of the L1 series



## A safe success

When developing the crane we focused on exactly what requirements you make on a crane of this class. The specially developed advanced drive units enable the crane to move quickly and precisely to ensure efficient load handling. The 2-channel sensors together with the intelligent

control technology ensure that all crane functions have double safety systems. The Micromove fine positioning mode, loadswing damping and operating range limiting system deliver enhanced safety on site – for both personnel and material.



Settings to suit you: simple operation on the easily accessible switchgear cabinet

**Adjustable:** jib positions of 10° and 20° for great hook heights and 160° position to avoid obstacles

**Low maintenance:** trolley drive in the jib with easy rope movement

**Durable and safe:** tight-welded solid wall tower to prevent corrosion from inside

**Easy erection:** using remote control and scaling with programmable logic control

**Easy access:** the switch-gear cabinet door opens upwards

**Space-saving:** compact slewing radius (1.95 m) and flexible support to match the site perfectly

## Technical data for L1-24

Max. radius	25.0 m	27.0 m
Max. lifting capacity	2,500 kg	2,500 kg
Max. lifting capacity at the jib head	950 kg	800 kg
Hook height	19.1 m	19.2 m
<b>Raised jib positions</b>		
Hook height at 10°	22.0 m	22.4 m
Lifting capacity at the jib head at 10°	950 kg	800 kg
Hook height at 20°	25.7 m	26.5 m
Lifting capacity (constant) at 20°	900 kg	800 kg

230 V operation possible



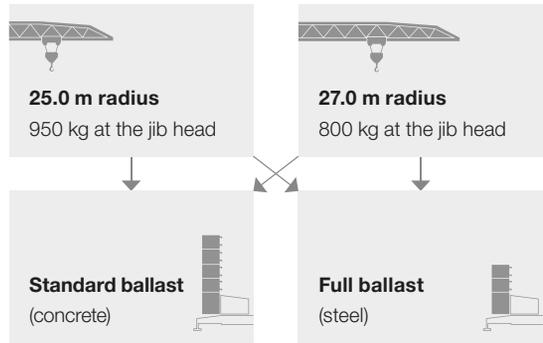
**Flexible:** using adjustable jib lengths

**Fine positioning:** using infinitely adjustable drive units and Micromove

# Variable compact class

**The L1 series has the perfectly configured solution to meet any challenge.**

The L1-24 is available with a radius of either 25.0 or 27.0 metres and two ballast variants. The simple standard concrete ballast is supplied to the site on the tractor vehicle where it can be quickly assembled. The steel full ballast means no additional transport and assembly costs.

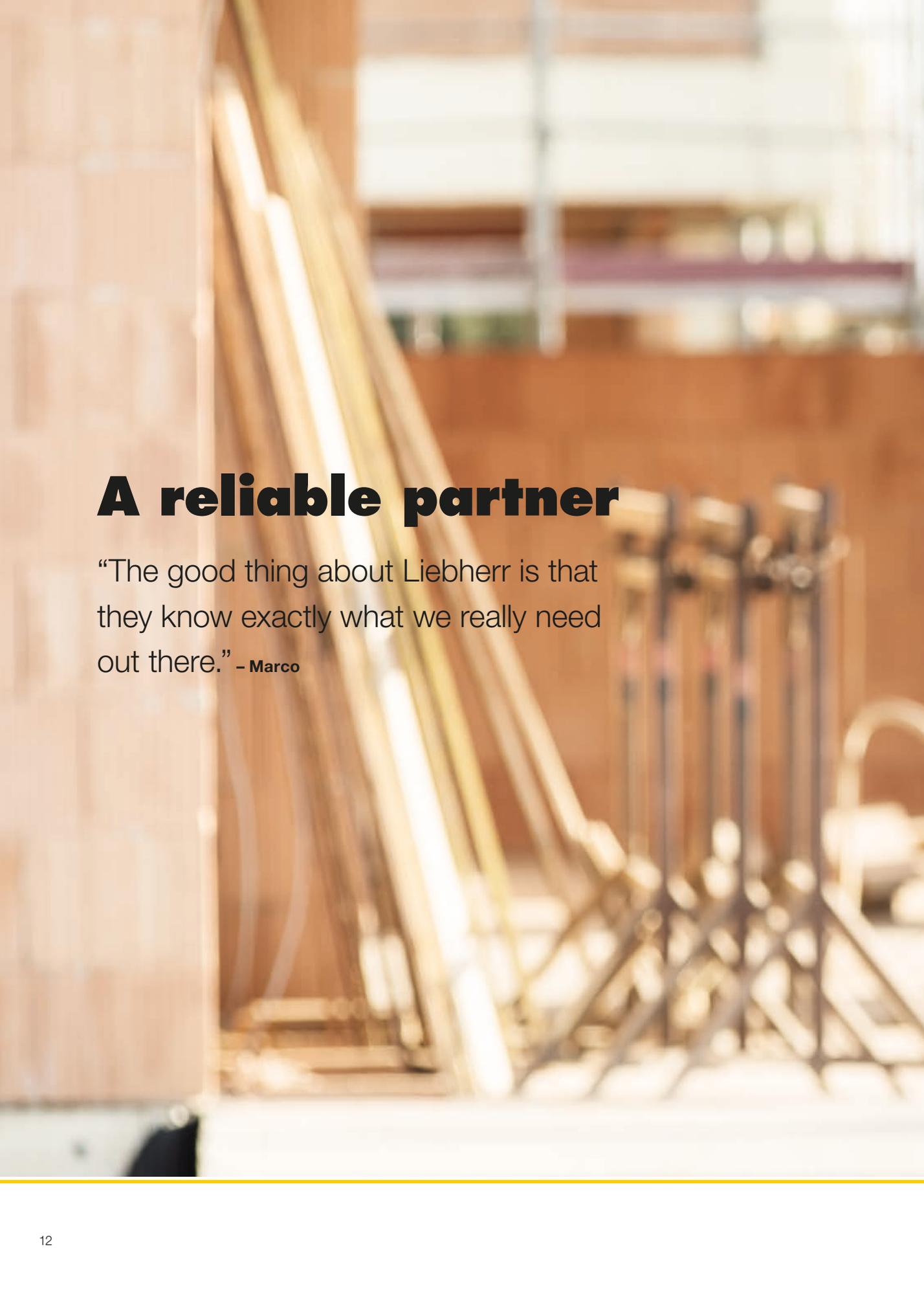


**Getting close:** with a short overhang

**Compact transport dimensions**

**Manoeuvrable:** compact wheel gauges for tight cornering

**Modular:** lots of existing Liebherr axles can be used for slow speed and high speed operations



## **A reliable partner**

“The good thing about Liebherr is that they know exactly what we really need out there.” - **Marco**



# Your requirements - our solutions

You face different challenges on every site.  
L1 series cranes can meet them all.

## Multiple cranes

Thanks to different raised jib positions the L1 can be adjusted to the site situation with great ease. That means multiple cranes can work together in a very small area.

## Space problems

You don't always need a roadblock. Thanks to the flexible support base, the crane's support area can be reduced to less than 4 metres.

The extremely small overhang in the transport position enables the cranes to be placed very close to the building trench or edge of the building.

## Sensitive load

Filigree prefabricated parts and fragile components have to be positioned gently. That is why loads can be positioned with great accuracy and held without jerking using the Micromove function.

## Danger zones

Railway tracks, nurseries, electricity cables – you can simply exclude all the areas where a load cannot be swung using the operating range limiting system.

## Heavy loads

What about a bit more? Simply reducing the length of the jib enables you to increase the lifting capacity.

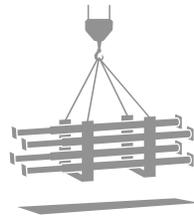
## Difficult transport

If the ground is too soft and the crane threatens to sink into it during transport, simply reduce the crane's weight. The basic ballast can be removed easily and then refitted quickly during the erection process.

# Hoist what you want – up to 2,500 kg.

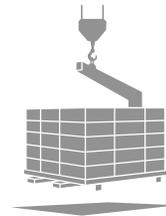
## Props

approx. 500 – 1,000 kg



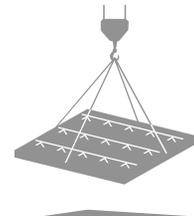
## Stone pallets

approx. 700 – 800 kg



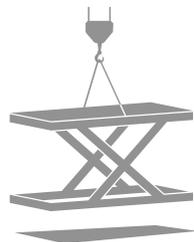
## Filigree ceilings

approx. 900 – 2,000 kg



## Building platforms

approx. 1,000 kg



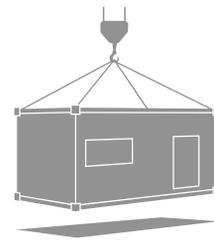
## 1/2 m³ concrete buckets

approx. 1,300 kg



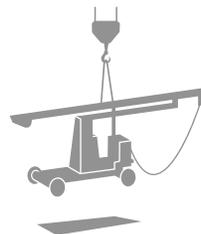
## Site containers

approx. 1,500 – 2,000 kg



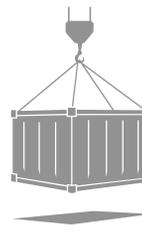
## Building cranes

approx. 2,200 kg

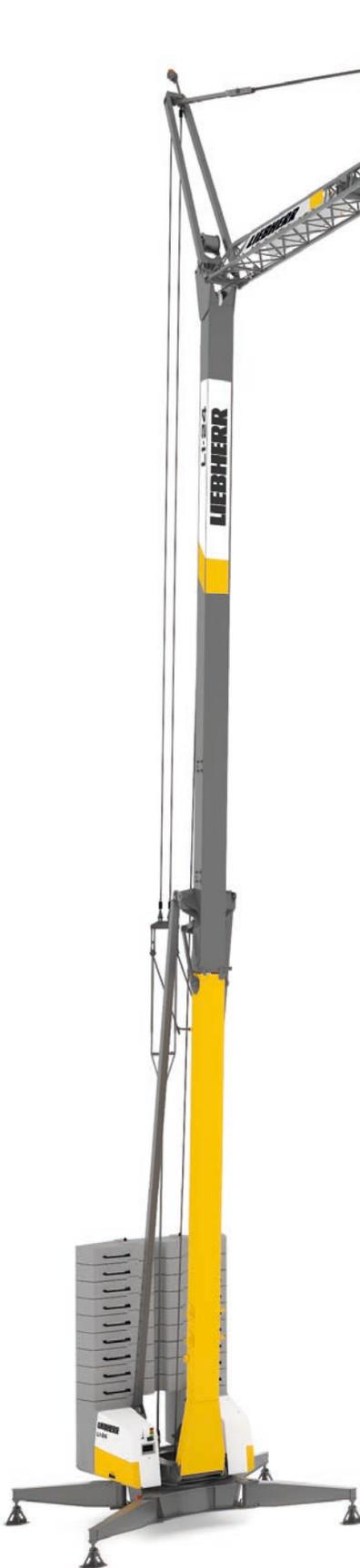


## Material containers

up to 2,500 kg



Load examples for illustration purposes only.



# Quality that pays

“What do I look for from a new purchase?  
Price, performance and service. I’ll only  
be buying it if it has them all!” - **Erich**

With its L1 series Liebherr can supply fast-erecting cranes that deliver impressive performance. What is more, their clever transport and erection concept ensures that they save you both time and money. In addition to durable cranes, Liebherr is renowned for its wide network of professional partners. That means you always have support nearby.

After all, only if your crane is reliable in the long term and delivers maximum safety will it above all be the one thing you want: a great investment.

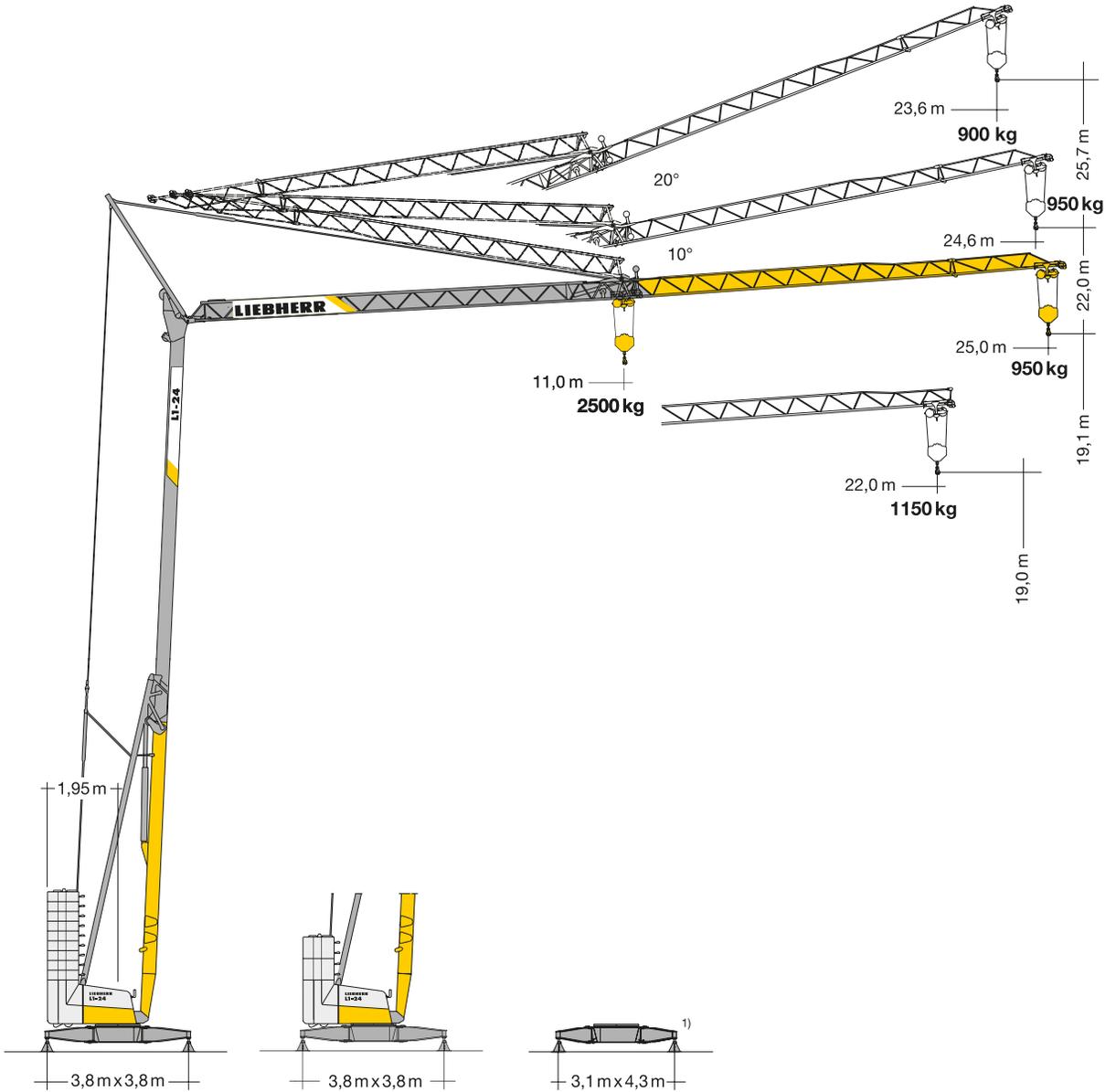


## **Powerful arguments**

- Little transport and erection work due to the use of full ballast
- Space-saving adjustment on site thanks to compact dimensions and flexible support
- Attractive design to make a good impression on site
- Efficient handling capacity using Liebherr high performance drive units

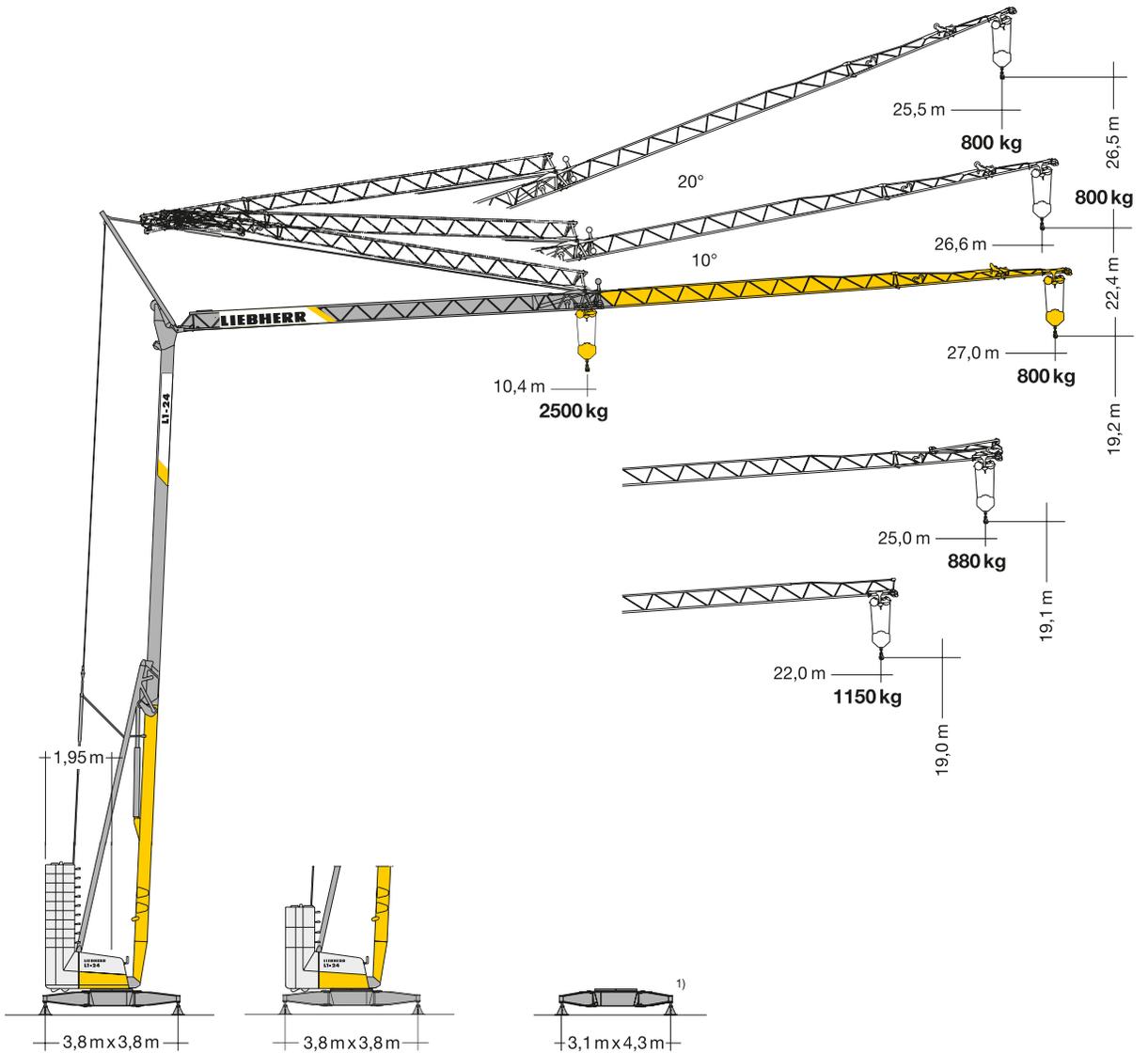
# Technical data

## 25.0 m radius



CE  
EN 14439:2009-C25

# 27.0 m radius



CE  
EN 14439:2009-C25



A construction site at sunset. A large crane is in the foreground, its silhouette against the bright orange and yellow sky. In the background, a building is under construction, with scaffolding visible. The sky is filled with soft, wispy clouds, and the sun is low on the horizon, creating a warm, golden glow. The overall scene is a mix of industrial and natural elements.

# **Liebherr - cranes for generations**

# And tomorrow?

Since the development of the first tower crane more than six decades ago, we have been working with passion on innovations to bring people further. These include fast, accommodating service and a broad network of competent partners.

Contact your local dealer for personal advice about the new compact L1 series.



