

EN

Compact power – a fresh take

The 25 L and 33 L

These fast-erecting cranes combine compact design, high performance, and the latest control technology. This makes them ideal for your house building projects. www.liebherr.com/L-cranes

LIEBHERR

Fast-erecting cranes



LIEBHERR
25 L

A new generation

Powerful, compact, flexible in use and equipped with Liebherr's latest generation of control system. Discover the 25 L and 33 L with Tower Crane OS 2 – the future of crane operation.



Performance redefined

The L series hydraulic fast-erecting cranes

Liebherr's L series offers a future-oriented solution for today's construction contractors, who face the challenges of diverse building projects on a daily basis. The cranes bring together impressive lifting capacity and powerful hydraulics in a compact design.

Equipped with the state-of-the-art Tower Crane Operating System 2 (Tower Crane OS 2), they represent a new generation of fast-erecting cranes that are specially designed to meet tomorrow's requirements.

As well as providing an intuitive user interface, the modern control system also forms the basis for the latest assistance systems. The control system enables efficient maintenance and software updates so that your cranes are always right up to date with the latest technology.

Liebherr's standardised operating concept makes it easy to switch between the L and K series. This increases flexibility and reduces training time and costs.

The L series is a cost-effective, flexible and reliable solution for mastering the challenges of today's construction projects. Discover how it can redefine performance on your sites.





Design meets function

Our innovative fast-erecting L cranes set new standards. They offer outstanding performance and feature optimised ergonomics, convenient access for assembly and maintenance, and a modern, striking design.

The innovative Tower Crane OS 2 control generation enables intuitive crane operation and raises the bar for functionality in the crane industry.

This complete package makes the revised L series a must-have on any construction site. Discover the future of crane operation with the 25 L and 33 L.

Multiple cranes

The L crane can be easily adapted to conditions on site thanks to its different luffed positions. This means multiple cranes can work together in a very small area.

Space issues

Road closures aren't always necessary. A flexible support base allows the crane's footprint to be reduced to less than four metres. A minimal overhang in transport position allows the cranes to be positioned very close to the foundation trench or edge of the building.

Heavy loads

Need a bit more? Lifting capacity can be increased by simple shortening of the jib.

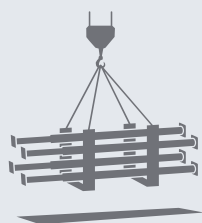
Difficult transport

The crane's weight can be reduced if the ground is too soft and there is danger of sinking during transport. The easy to remove basic ballast can be quickly reattached during assembly.

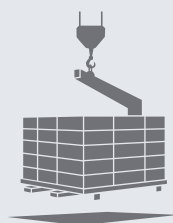




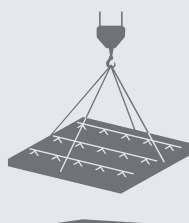
Lift what you need to – up to 4,000 kg.



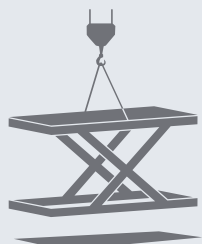
Building props
approx. 500 – 1,000 kg



Stone pallets
approx. 700 – 800 kg



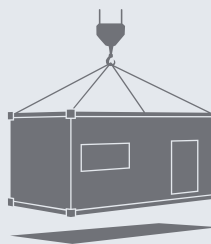
Filigree ceiling panels
approx. 900 – 2,000 kg



Masonry platforms
approx. 1,000 kg



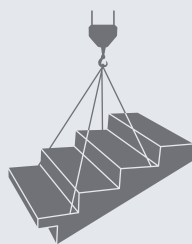
½ m³ concrete buckets
approx. 1,300 kg



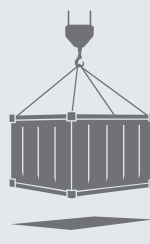
Site cabins
approx. 1,500 – 2,000 kg



Masonry cranes
approx. 2,200 kg



Prefabricated concrete elements
approx. 3,000 – 3,500 kg



Material containers
up to 4,000 kg

Load examples



Easier operation

Discover our L cranes with Tower Crane Operating System 2 (Tower Crane OS 2) – the latest control system from Liebherr.

This state-of-the-art operating system is at the heart of your future crane fleet. Every step has been thought through: a user-friendly interface, intuitive menu navigation, and intelligent assistance systems make crane operation easier than ever before.

The system is always a step ahead; it's fully updatable and ready for the digital future. And safety? That's always Liebherr's top priority.

Access to Tower Crane OS 2: modern touch control with intuitive display interface.

New user interface

A clean and uncluttered look, developed with intuitive use in mind, makes an immediate impression. Special day and night modes also ensure readability whatever the job site situation.

Well-organised menu structure

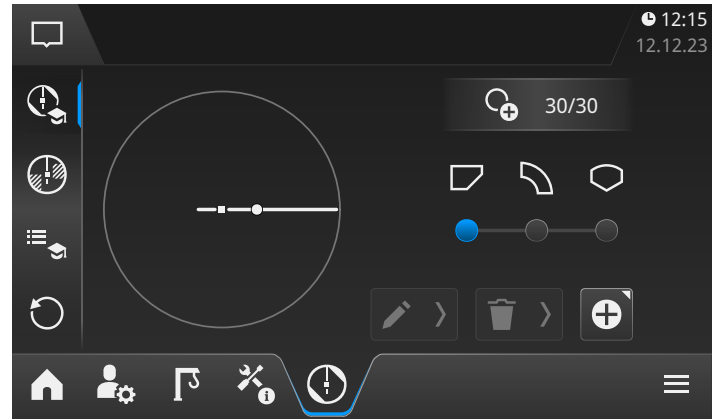
The redesigned menu structure makes it easy for all future users to find their way around. All menus are geared towards users and their handling of the crane. The service menu and crane operator settings are prime examples.

Guided wizards

Setting the crane up for use is a decisive aspect and something we have paid particular attention to. A wizard guides you through the configuration and scaling process and assists with a logic check to ensure correct setup.

Slewing limitation with graphical teach interface

Areas that need to be avoided when slewing with a load, e.g. rail tracks, preschools and power lines, can be easily and clearly excluded via the display.



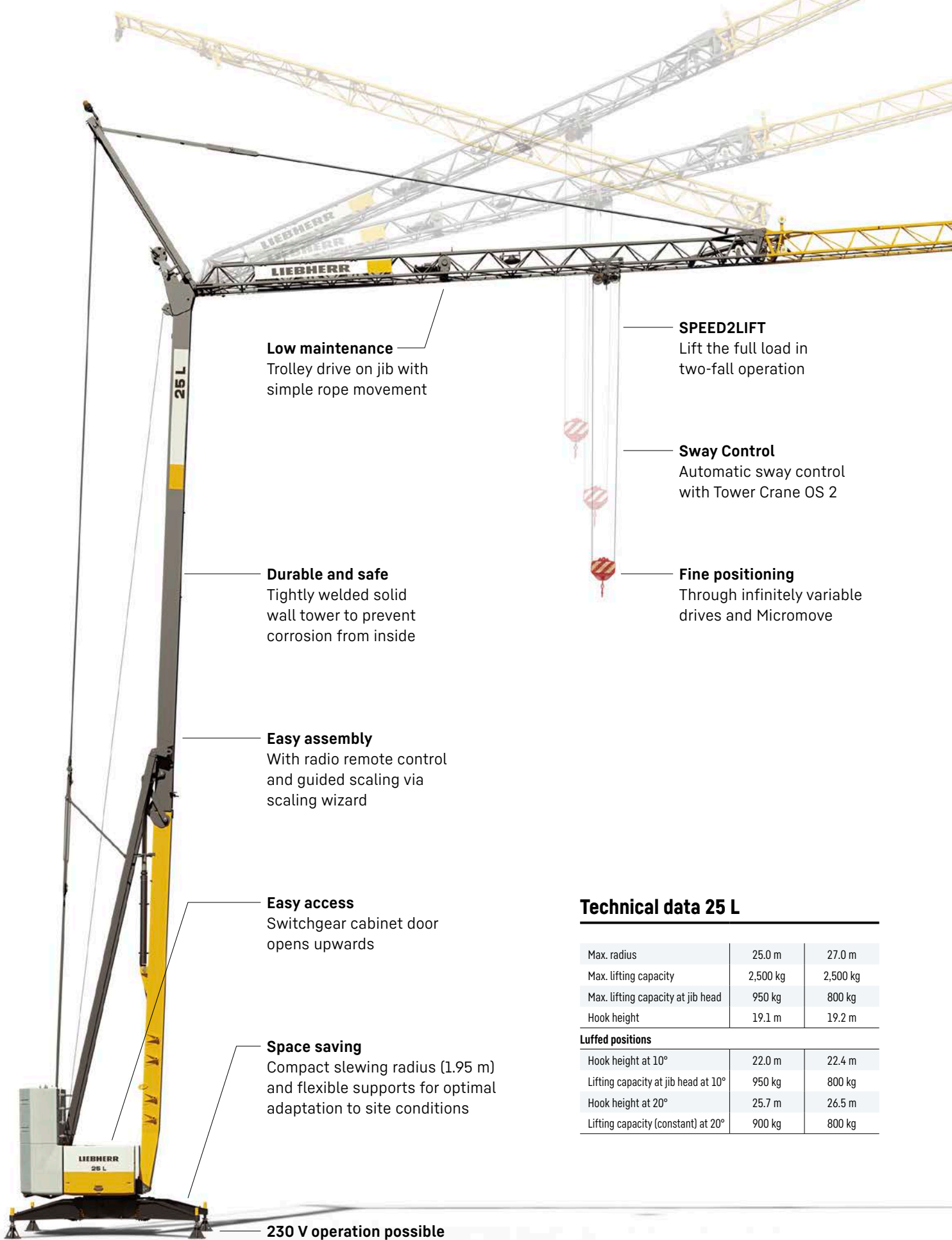
Sway Control

Keep full control of your load with automatic Sway Control. Movements that can cause loads to sway are automatically detected and actively counteracted via the intelligent Sway Control system. This ensures that your control commands take you safely to your intended destination.

Responsive operation

Precast filigree slabs and fragile construction elements need careful handling. Our well-known Micromove function and selectable slewing gear modes ensure maximum precision for every construction project. Familiar radio remote control operation has also been optimised for the Tower Crane OS 2. You benefit from a standardised radio remote control for L and K cranes with clear display screens and a new user interface.





Low maintenance
Trolley drive on jib with simple rope movement

SPEED2LIFT
Lift the full load in two-fall operation

Sway Control
Automatic sway control with Tower Crane OS 2

Durable and safe
Tightly welded solid wall tower to prevent corrosion from inside

Fine positioning
Through infinitely variable drives and Micromove

Easy assembly
With radio remote control and guided scaling via scaling wizard

Easy access
Switchgear cabinet door opens upwards

Space saving
Compact slewing radius (1.95 m) and flexible supports for optimal adaptation to site conditions

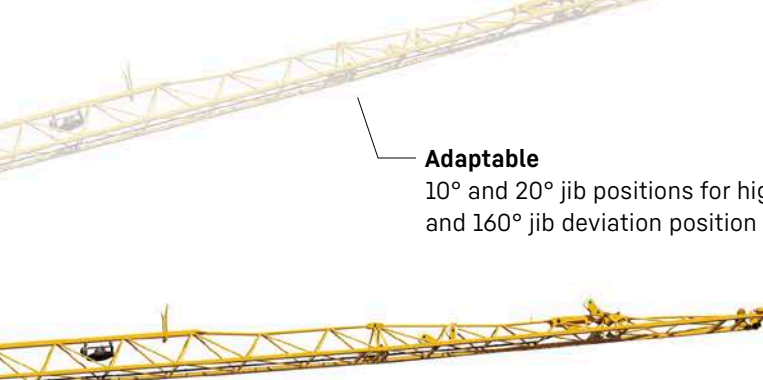
230 V operation possible

Technical data 25 L

Max. radius	25.0 m	27.0 m
Max. lifting capacity	2,500 kg	2,500 kg
Max. lifting capacity at jib head	950 kg	800 kg
Hook height	19.1 m	19.2 m

Luffed positions

Hook height at 10°	22.0 m	22.4 m
Lifting capacity at 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



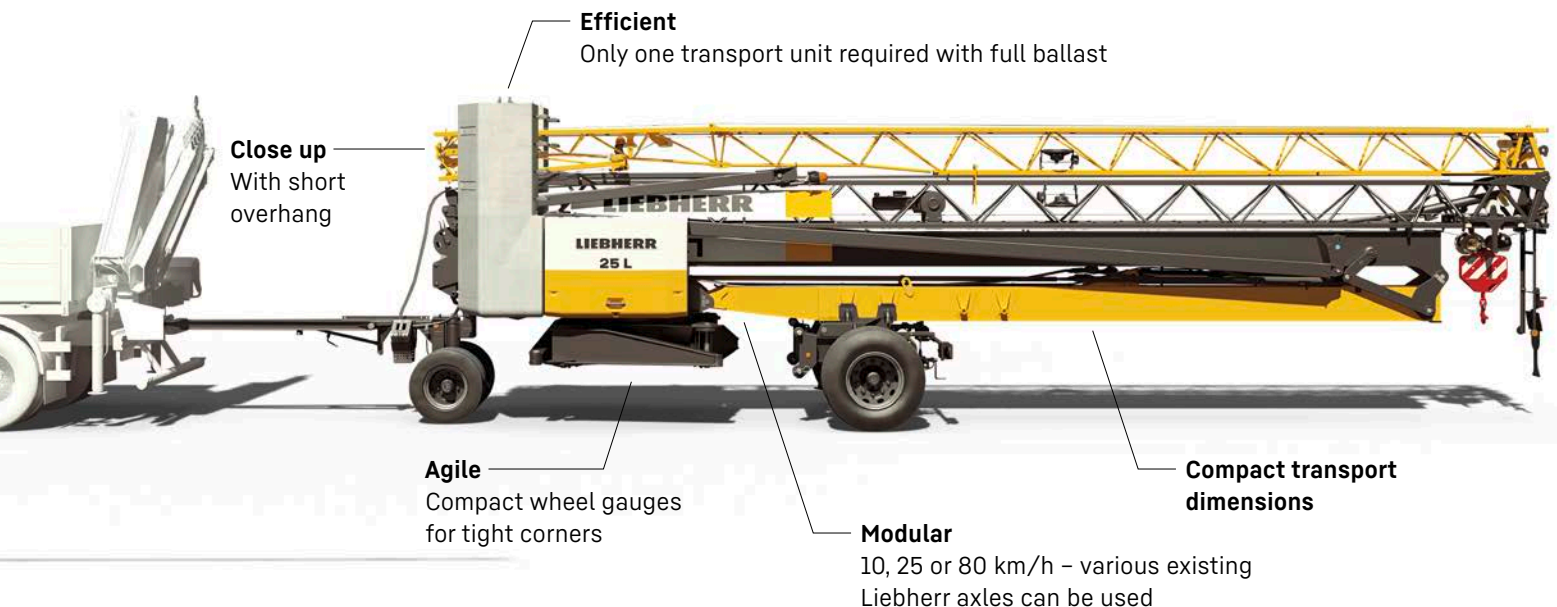
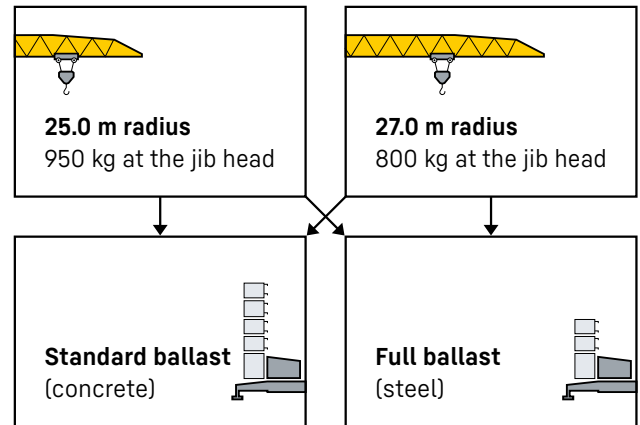
Adaptable
10° and 20° jib positions for high hook heights
and 160° jib deviation position

Flexible use
Through adaptable jib lengths

25 L: variable compact class

The L series offers a custom-fit, configured solution for every challenge.

The 25 L is available with either a 25.0 or 27.0 metre radius and two ballast options. The simple standard concrete ballast is delivered to site via towing vehicle and is quick to assemble. No additional transport and assembly work is required for the steel full ballast version.



Close up
With short overhang

Efficient
Only one transport unit required with full ballast

Agile
Compact wheel gauges
for tight corners

Modular
10, 25 or 80 km/h – various existing
Liebherr axles can be used

Compact transport dimensions

Adaptable

10° and 20° jib positions for high hook heights and 160° jib deviation positioning

Flexible use

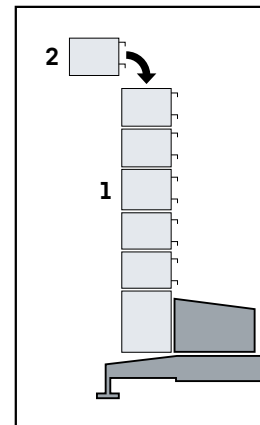
Through adaptable jib lengths

33 L: powerful lightweight

The L series has been designed with emphasis on efficient transport logistics, which saves both time and money.

The crane, incl. 15 tonnes of ballast (1), can be transported to site via a standard truck and trailer combination and then assembled on day one. From this point on, the 33 L is fully functional but with slightly reduced lifting capacities. The remaining two tonnes of ballast (2) can be delivered later on for use with the higher load capacity table. The crane is then able to operate at full capacity.

Transport and assembly are optimised as the 33 L is immediately ready for use without the need for multiple transport journeys.

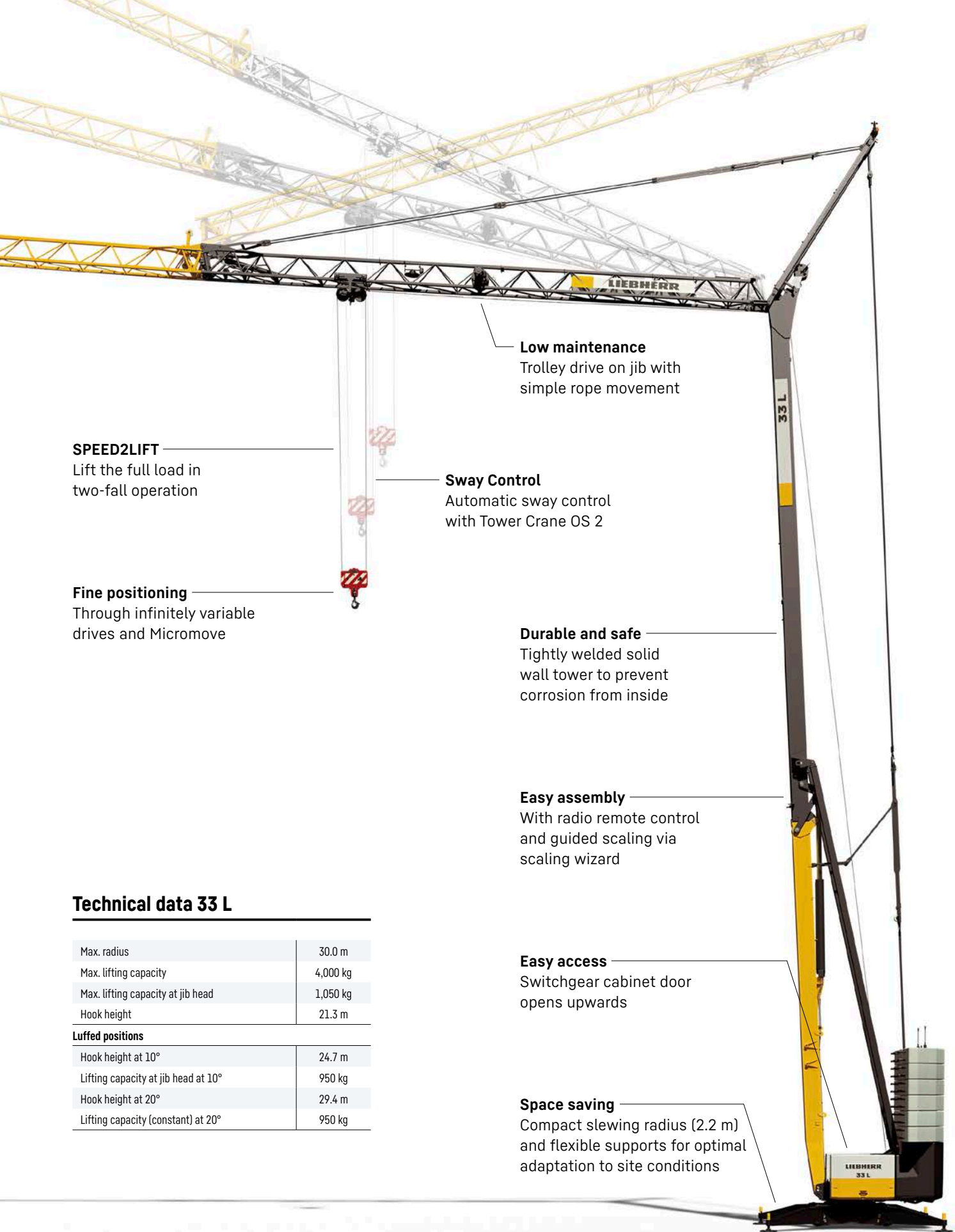


Close up
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Agile
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10, 25 or 80 km/h - various existing Liebherr axles can be used

Compact transport dimensions



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Durable and safe
Tightly welded solid wall tower to prevent corrosion from inside

Easy assembly
With radio remote control and guided scaling via scaling wizard

Easy access
Switchgear cabinet door opens upwards

Space saving
Compact slewing radius (2.2 m) and flexible supports for optimal adaptation to site conditions

Technical data 33 L

Max. radius	30.0 m
Max. lifting capacity	4,000 kg
Max. lifting capacity at jib head	1,050 kg
Hook height	21.3 m

Luffed positions

Hook height at 10°	24.7 m
Lifting capacity at jib head at 10°	950 kg
Hook height at 20°	29.4 m
Lifting capacity (constant) at 20°	950 kg



Liebherr's L series offers fast-erecting cranes with impressive performance capacities. Their well thought-out transport and assembly concept makes time and cost-optimised use possible. Alongside the long service life of its cranes, Liebherr is also known for having a dense network of professional partners. This means you always have a contact person within reach.

And that matters: your crane needs to work reliably long-term and guarantee a high level safety for it to be a successful investment.



A reliable partner

“The great thing about Liebherr is that they know exactly what we really need out there.”

Marco

Powerful arguments

- Cranes are fully operational with just one transport journey
- Space-saving adaption to site conditions thanks to compact dimensions and flexible support
- Striking design for a good impression on site
- Efficient handling performance thanks to Liebherr high-performance drives

Liebherr – cranes for generations





And tomorrow?

Ever since developing our first tower crane more than seven decades ago, we have been passionate about innovations that move people forward.

This includes fast, accommodating service and a broad network of competent partners.

Why not arrange for personalised, local advice on the new compact L series today?

www.liebherr.com/L-cranes





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