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# Pumping concrete perfectly

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Functional and powerful

## LIEBHERR

24 XH truck mounted concrete pump



# 24 XH – The compact



Four-part multi-fold distributor boom

Boom piping

## **XH-outrigger**

High functionality and guaranteed stability even in confined spaces thanks to our XH support.

## **Four-part multi-fold distributor boom**

The short arms and low unfolding height of the 24 XH provide impressive maneuverability on confined construction sites.

## **Hose and piping storage**

The new hose and piping storage system enables variable and safe storage on five levels.





Highest safety  
and ergonomics

XH-outrigger

Hose and  
tube storage

Strong  
pump unit

### Strong pump unit

The funnel geometry and the size of the intake openings ensure high pumping capacity with very good efficiency. Large hydraulic cylinders allow powerful switching at hydraulic pressures up to 320 bar. The double end-position damping ensures smooth running.

### Highest safety and ergonomics

All control stations are ergonomic and meet the highest safety standards.

### Boom piping

Thanks to a tightly designed and sophisticated boom piping, the distributor boom can be guided particularly well through building openings.



# Space-saving miracle



## Highlights

### Compact design

The option of mounting the 24 XH on a three-axle chassis makes the truck mounted concrete pump particularly light and compact. The compact design noticeably increases maneuverability on the construction site and in road traffic.

### Robustness

The robust design of the machine ensures reliable operation for many years at low operating costs. Numerous design details facilitate tough everyday use.

### Flexibility

The four arms and the good slip properties allow maximum flexibility at the construction site. A wide variety of positions can thus be reached perfectly at the construction site. The space-saving machine is ideal suited for any renovation work in buildings, halls and tunnels.

### Boom concept

The design of the boom ensures quiet and vibration-free operation even at high delivery rates.





**Unfolding height**

With an unfolding height of the boom of only 4.9 meters, concreting in confined spaces or halls is no obstacle for the machine.



# Equipment and accessories

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## Practical hose and piping storage

The new hose and piping storage system allows the best possible adaptation to customer requirements and ensures convenient and safe storage.





# Secure with safety

## New hose and piping storage

The efficient hose and piping storage with variable space on five levels enables the machine operator to store them easily. The climbing aids mounted on the side ensure good access for stowing all hoses and lines at working height.

Depending on requirements, it is possible to transport up to 38 pipe and hose lines with a length of five metres.



QR-Code configuration options for hose and piping storage

## Safety is our top priority

We are committed to the applicable safety rules. In the development of Liebherr truck mounted concrete pumps, safety for people and the machine is the top priority. We observe our machines in use and continuously improve them.

## Our truck mounted concrete pumps have:

- Large treads and platforms
- Height-adjustable steps on the left (ergonomics)
- Good accessibility and ergonomic arrangement of the control stations
- Full railings and fall protection devices
- A broad LED lighting concept for work in poor lighting conditions or work at construction sites at night
- Illumination of the control stations
- Radio remote control with flashlight function and control panel illumination as well as vibration alarm and emergency stop function in case of a fall (dead man's switch)



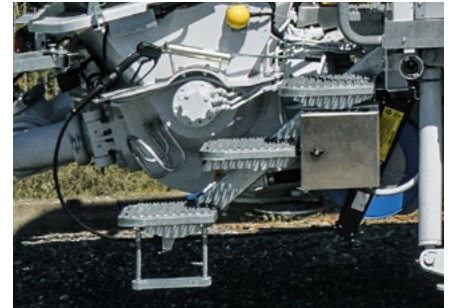
### Storage tray

Additional storage tray at the front right for additional operating accessories



### Squared timber

Easily accessible storage of squared timber



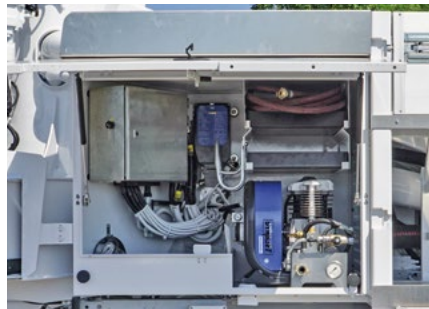
### Spacious treads and platforms

Spacious steps for safe access to all control points on the machine and for cleaning the feed hopper.



### Folding elbow

Folding swivel bend with various cleaning openings



### Air compressor with accessories

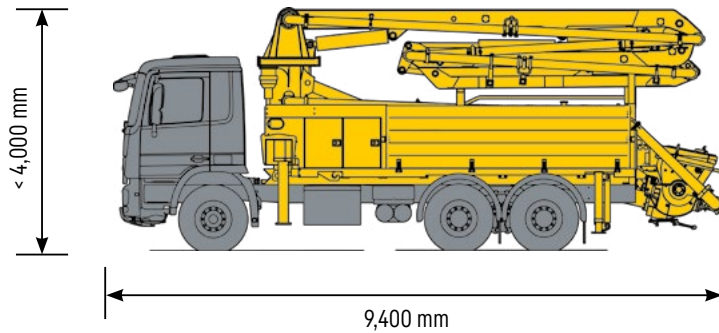
150 mm blow-out cover, collection basket and hose approx. 2 m



### Remote control

The radio remote control informs the operator about all important machine data.

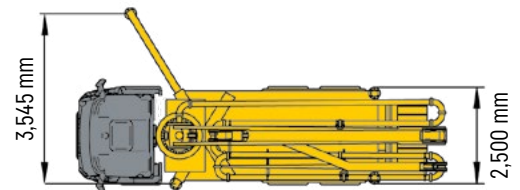
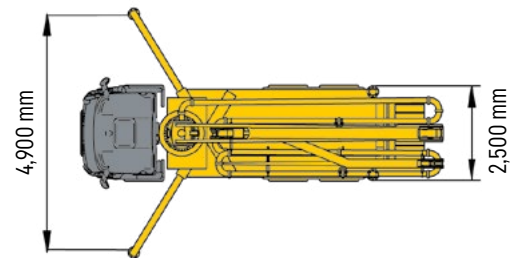
# 24 XH technical data



Standard version. Dimensions and total weight may change depending on pump type and chassis.

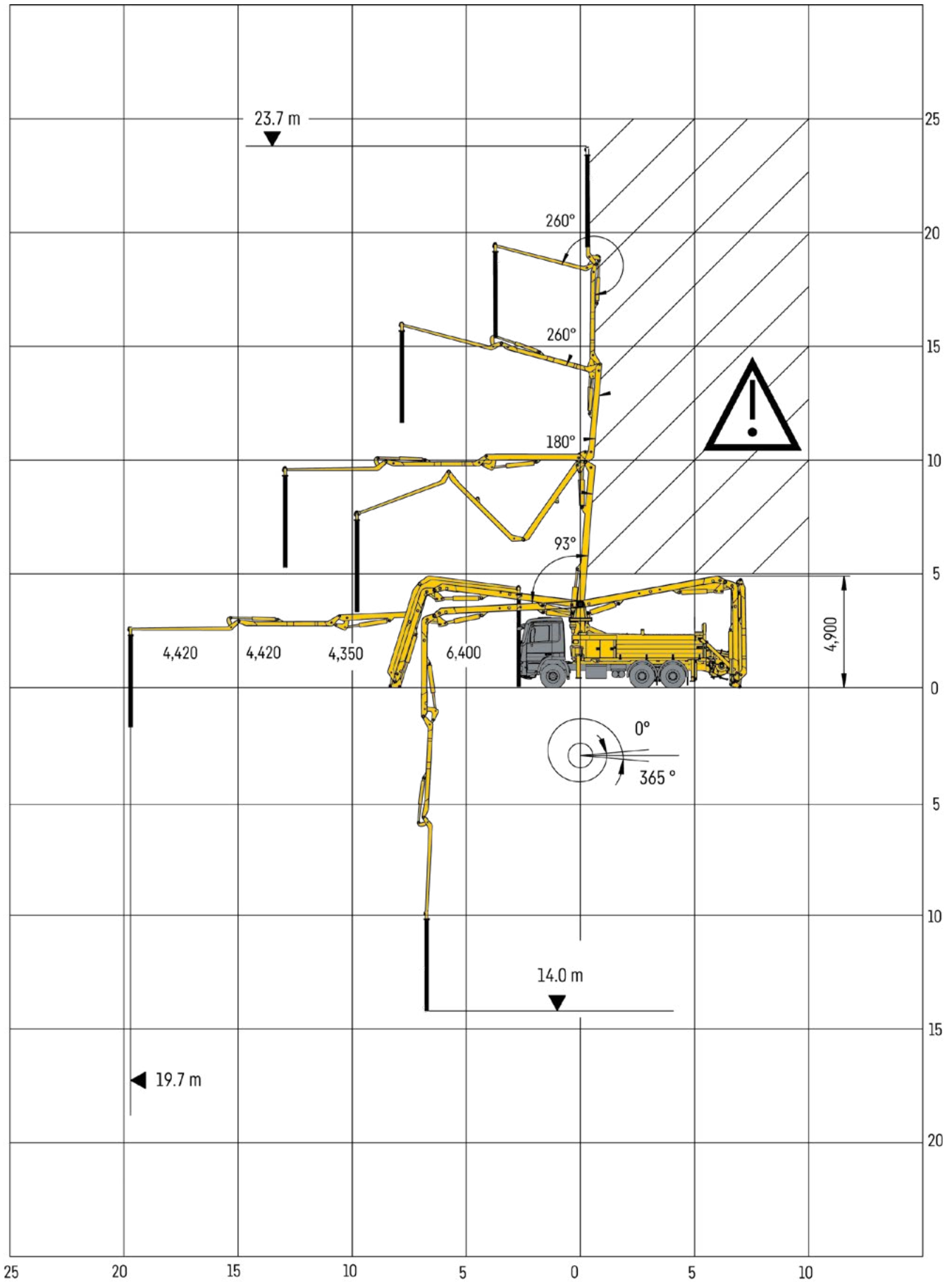
## Technical data

Boom	24 M4
Vertical range	23.7 m
Horizontal range	19.7 m
Unfolding height	4.9 m
Swivel range	365°
Angle range of arm 1	93°
Angle range of arm 2	180°
Angle range of arm 3	260°
Angle range of arm 4	260°
Conveyor line diameter	125 mm
End hose length	4 m
Voltage	24 V



Concrete pump	THP 140	THP 170
Max. flow rate (piston side)	138 m <sup>3</sup> /h	163 m <sup>3</sup> /h
Max. concrete pressure (piston side)	80 bar	80 bar
Pump cycles (piston side)	29 min <sup>-1</sup>	34 min <sup>-1</sup>
Conveyor cylinder Ø x stroke	230 mm x 2000 mm	230 mm x 2000 mm
Concrete conveying volume / double stroke	166 L	166 L
Max. hydraulic pressure	325 bar	325 bar
Drive cylinder	140 mm / 80 mm / 2000 mm	140 mm / 80 mm / 2000 mm
Hopper capacity	680 L	680 L







# Customer service

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# Service out of conviction

## Good service means close customer proximity.

With our professional service network, we are at your disposal with rapid response times to ensure high machine availability. Reliable machines are the guarantee for your success. Our highly trained service personnel make sure your Liebherr truck mounted concrete pumps operate economically and seamlessly. We help with start-up machine operator instruction and by answering your questions.

## Liebherr service partners worldwide

Our customers can rely on a worldwide service network consisting of over 90 service centres (Liebherr companies/ partners), 160 service vehicles and 220 qualified service technicians. Our worldwide service centres with all contacts can be found on the Liebherr website or in the MyLiebherr customer portal.



## Service-friendly design

During construction, great importance was attached to ease of service. Wearing parts are easy to replace, important areas are easily accessible.



## Our customer portal – MyLiebherr

MyLiebherr is your entry into the Liebherr service world. Through the Liebherr customer portal, our customers benefit from comprehensive service and additional benefits.



## Original Liebherr spare parts

Original Liebherr spare parts are subject to strict quality controls, are quickly available worldwide and guarantee reliable operation and a long service life.



# We are here for you!

Personal. Capable. Reliable.



Concrete pumps



Mixing plants



Truck mixers



Conveyor belts



Measuring technology



Mixing systems



Concrete recycling systems

## Your powerful partner.

- Delivery and instruction by experienced service technicians
- Worldwide service network with over 90 service centres
- Technical support worldwide
- Fast availability of spare parts
- Professional maintenance and services

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