

Pumping concrete with precision

Classic and practical

LIEBHERR

38 XXT truck mounted concrete pump



38 XXT – The classic



XXT-outrigger

The Liebherr XXT outrigger system results in a compact footprint and maximizes the usable reach of the distributor boom.

Powerbloc inside

The Powerbloc concrete pump drive, developed and manufactured by Liebherr, combines power and smooth running.

Four-part boom

The 38 XXT is operator and job site friendly thanks to its 4-section z-fold design.



Variable storage spaces

This pump offers an array of storage options to meet individual customer needs.

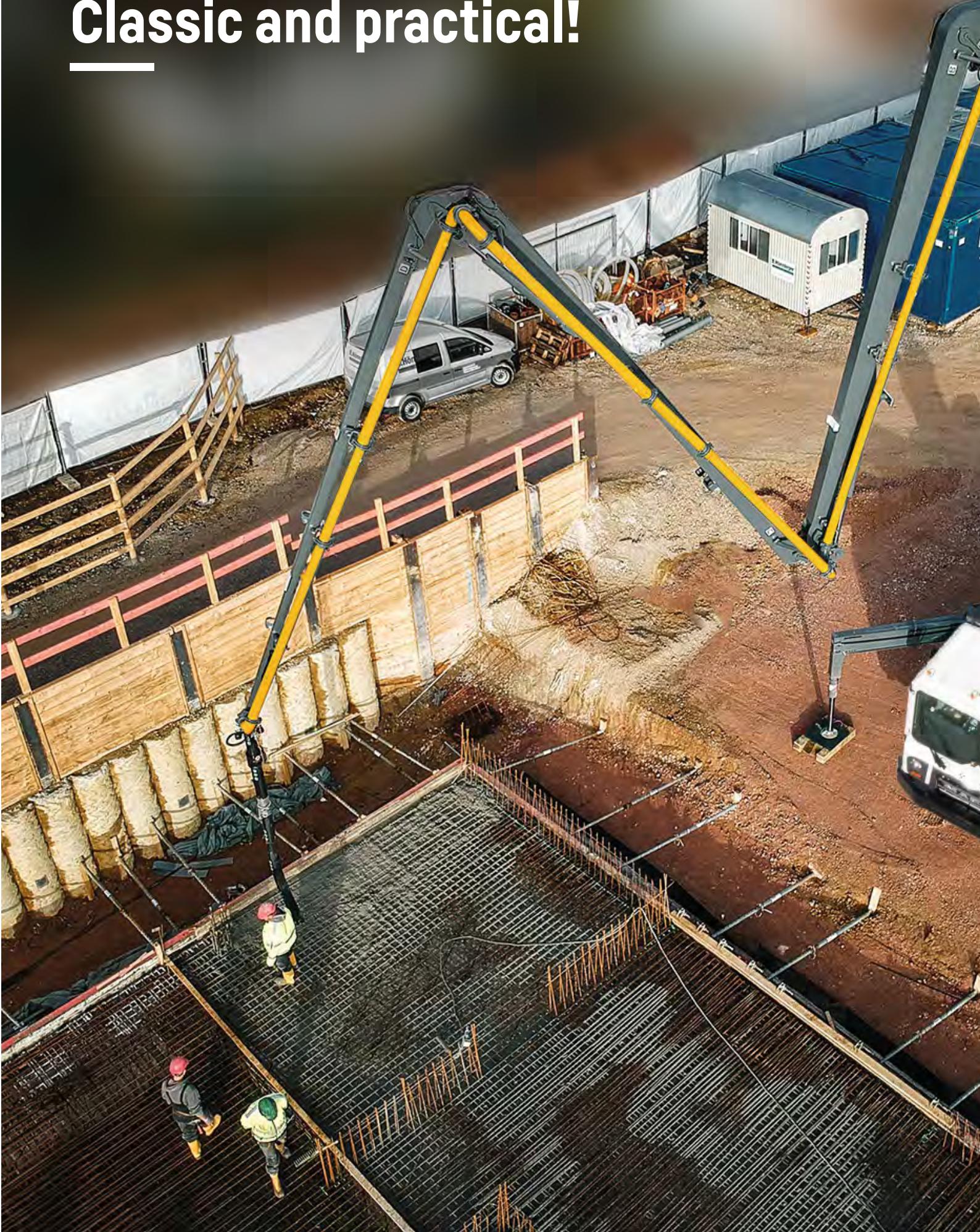
Highest safety and ergonomics

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

Durable

The design of the machine ensures reliable operation for many years at low operating costs.

Classic and practical!





Highlights

Boom concept

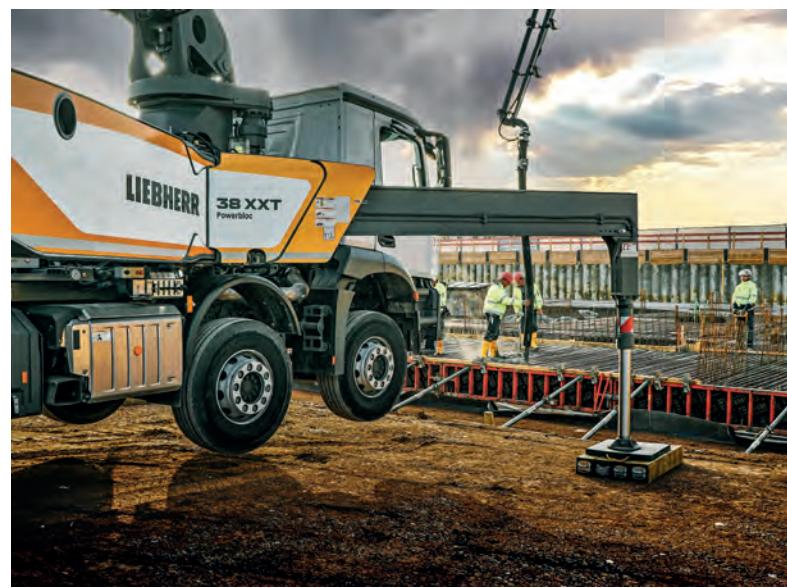
With its classic four-part boom and practical Z-folding, the 38 XXT is easy to handle and stands out in the 98-foot (30 m) class with its large reach height. Due to the above-average swivel range of the joints, concrete can be pumped effortlessly even on construction sites that are difficult to access.

Flexible choice of vehicle

Depending on the customer's needs, the 38 XXT can be mounted on either a three- or four-axle chassis.

Durable

The durable design of the machine ensures reliable operation for many years at low operating costs. Numerous well thought-out details facilitate tough everyday use.



No space? – No problem!



Space-saving safety when supporting

The proven XXT-outrigger is particularly flexible when supporting in tight spaces.

XXT-outrigger

Perfect in every situation

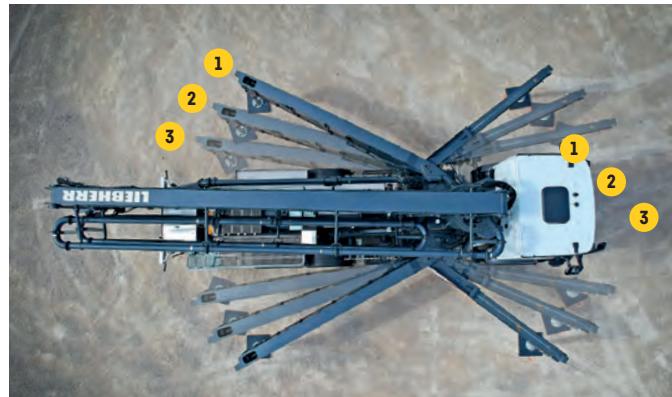
The XXT support transfers the boom loads along the shortest path to the contact areas of the support legs. No forces act on the vehicle frame. On each side of the vehicle, the front and rear support legs swivel around the same axis to save space.

Narrow support

The XXT-outrigger offers great advantages compared to other supports: Nonetheless, even on the side where there is little space, the front support can still be extended in front of the driver's cab thanks to the swivel option. This adds the entire working area in front of the driver's cab. Even with narrow support on both sides, work is possible across the driver's cab.

Partial support

The versatile XXT support is unbeatable when supporting in tight spaces. The big advantage: In particularly cramped situations with little space, it is possible to work in the side area despite partial support with boom arm 1 raised. Pumping can always be carried out across the cab with the boom fully extended.

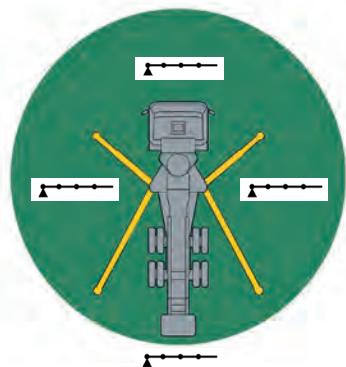


1. Full support
2. Partial support
3. Narrow support

XXA 3 stability assistance system

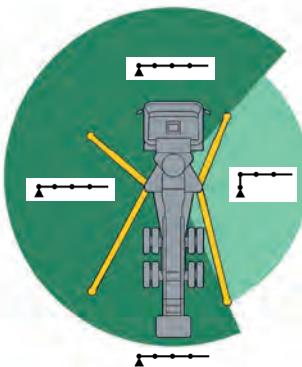
Thanks to the new XXA 3 stability assistance system, partial support areas are made possible and electronically monitored. Thus, the new stability assistance offers even more application possibilities due to the multitude of additional support options and at the same time ensures more assistance to the operator. The indication of the slewing range of the boom is indicated on the radio remote control in the colour display.

■ Full support, boom can be fully extended 
■ Partial support, boom arm 1 raised 



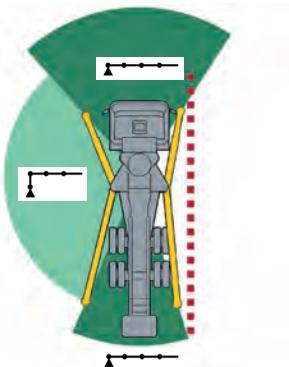
Full support

The innovative XXT support gives the truck mounted concrete pump maximum stability at all times. Supporting is quick, even on uneven terrain.



Single-side partial support

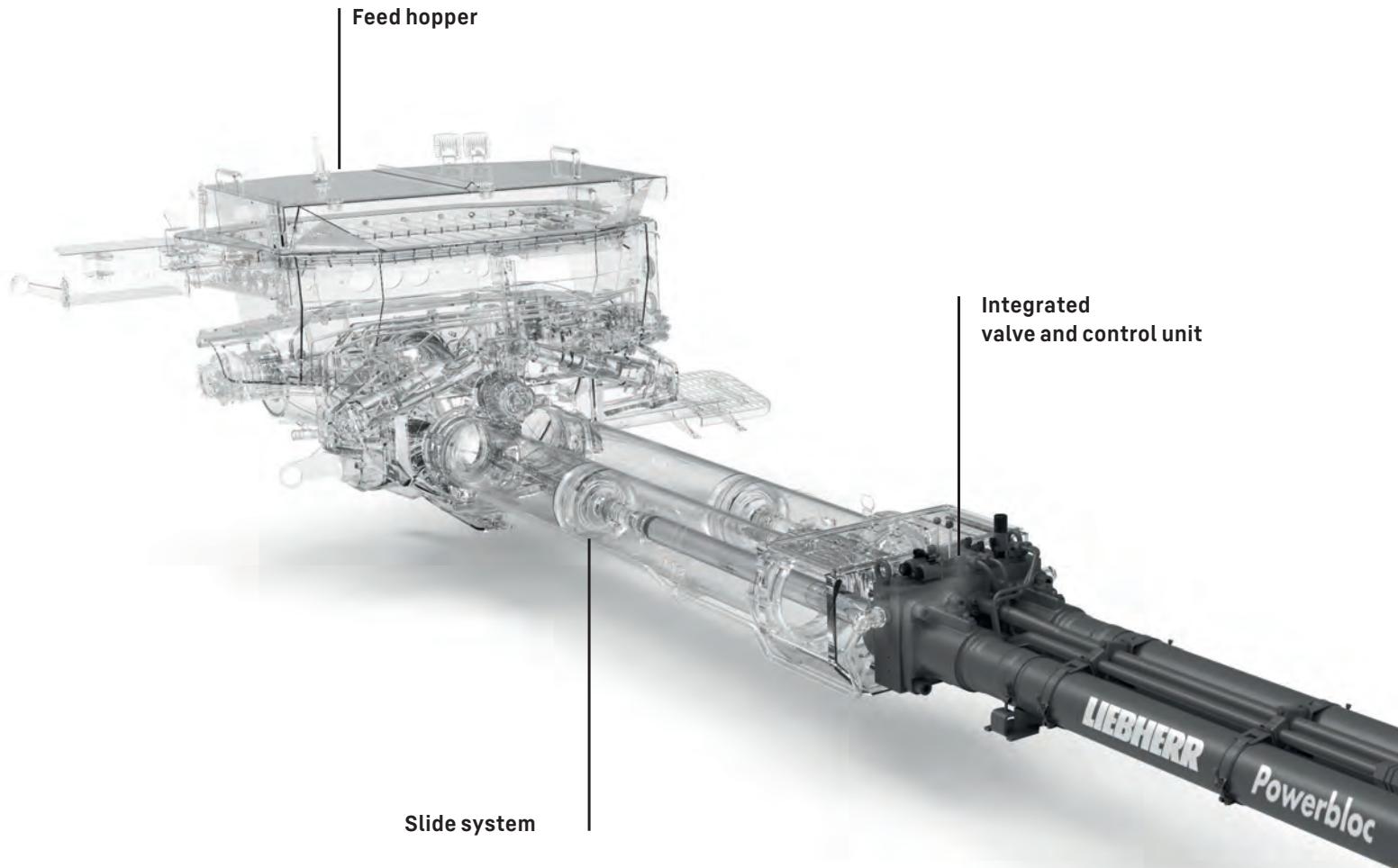
In the partially supported area, work can also be carried out on this side with boom arm 1 raised.



Combination of partial and narrow support

The combination of partial and narrow support on one side enables a large variable slewing range for the boom with minimum space requirement.

Powerbloc and HCC



Powerbloc

The Powerbloc is characterized by high performance and smooth running. The latest drive unit for concrete pumps does not require a separate control block, as all hydraulic switching and measuring elements are integrated.

Feed hopper

The optimized hopper shape promotes concrete flow and reduces concrete deposits. The separate agitator paddles and the wide suction openings guarantee optimum suction performance. The feed hopper enables easy cleaning due to good accessibility.

Slide system

Powerful slide system with smooth change of direction thanks to controlled pipe changeover. The controller controls the oil quantity perfectly matched to the switchover cycles. The S-pipe changeover is implemented via two hydraulic cylinders with full pressure from the main hydraulic pump.

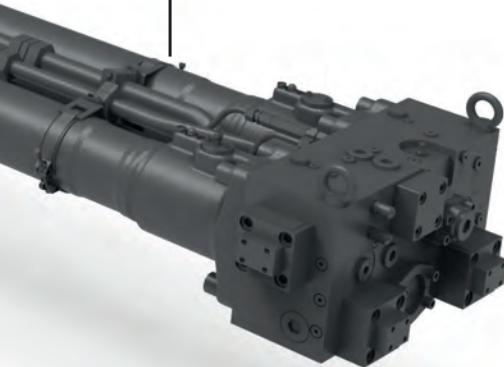
HCC

Semi-closed oil circuit

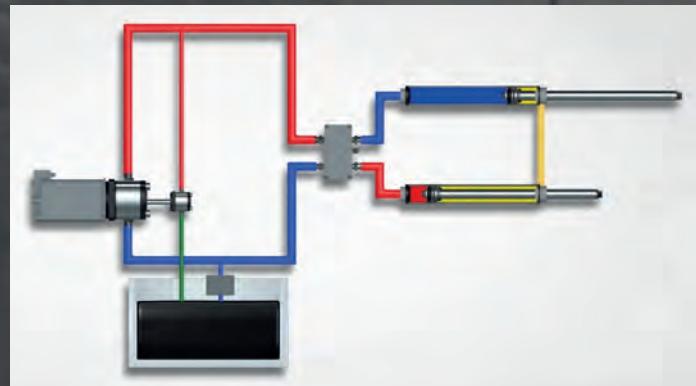
The innovative Powerbloc drive unit, its a newly designed and its highly efficient semi-closed oil circuit. This guarantees that all drives are permanently supplied with reliable and powerful hydraulic power.

The new Liebherr own system combines the advantages of the proven open and closed hydraulic systems currently on the market, without their disadvantages. The system operates without a storage pump and without a reservoir. The required oil volume is significantly reduced, which saves costs and weight.

Powerbloc



Powerbloc QR code



HCC QR code

Equipment and accessories



Safe and easy working

The comprehensive guardrails and fall protection devices ensure maximum safety. The generous steps allow easy access to all control stations on the machine.

Secure with safety

Safety is our top priority

We are committed to all applicable safety regulations. 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)

Always on the safe side with XXA

The XXA stability control monitors the approved slewing range of the boom as well as the correct positioning of the machine.

Digital inclination monitoring

The safety of operators and machine is ensured due to the digital inclination monitoring. When setting up the machine, the machine tilt is monitored. The two-stage inclination monitoring even allows excessive tilting of up to 5° under restricted operating conditions and alerts the machine operator and the surrounding area of the construction site via radio display and signal light.

Save working in any situation:

- Digital inclination monitoring
- Traffic light on the boom for additional visualization of the machine status at the construction site



Spacious treads and platforms

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



Signal light

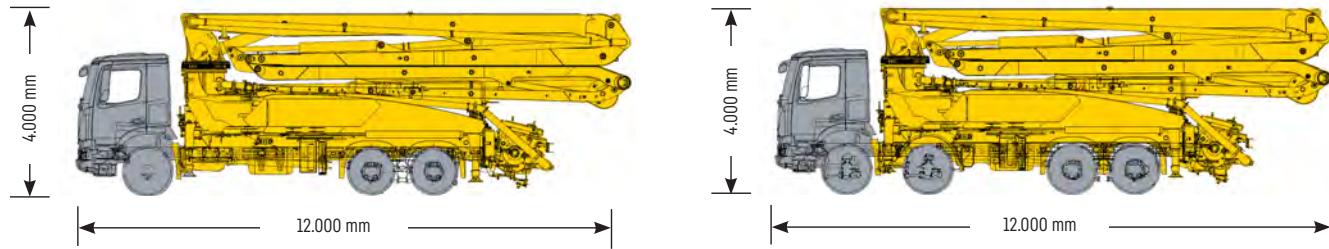
Signal light on the concrete boom for visual status display of the XXA stability control system at the construction site.



Remote control

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

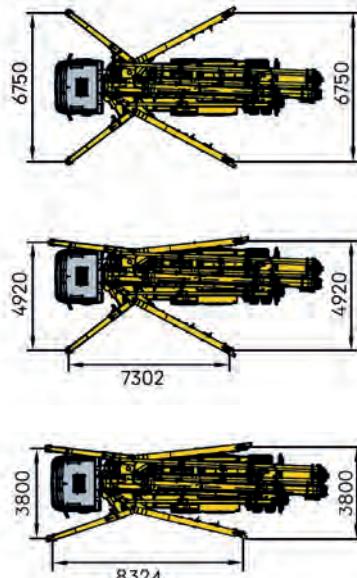
Technical data 38 XXT



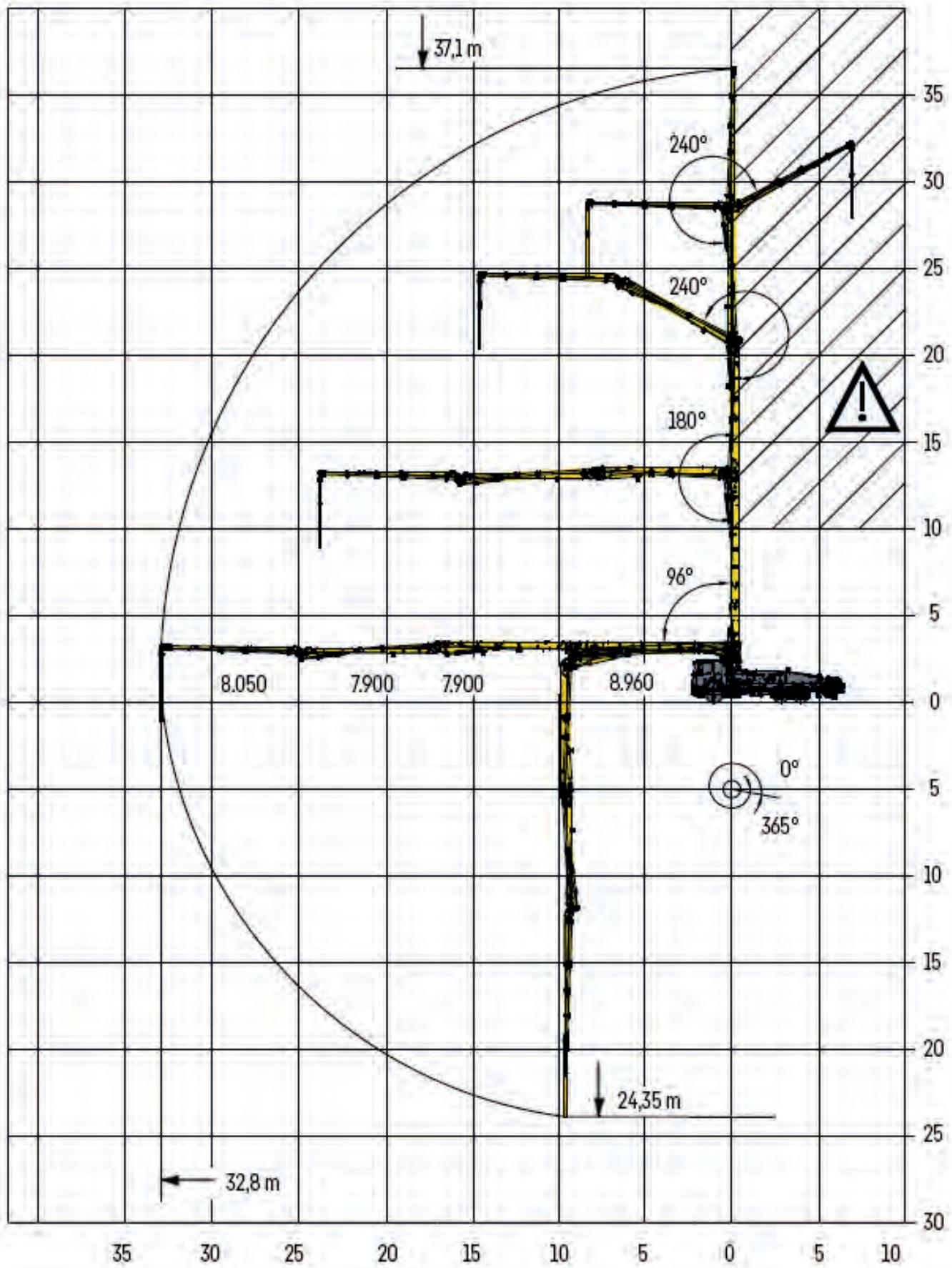
Standard version. Dimensions and total weight may change depending on pump type and chassis.

Technical data

Boom	38 Z4
Vertical range	211.7' (37.1 m)
Horizontal range	107.6' (32.8 m)
Unfolding height	28.7' (8.75 m)
Swivel range	365°
Angle range of arm 1	96°
Angle range of arm 2	180°
Angle range of arm 3	240°
Angle range of arm 4	240°
Conveyor line diameter	5" (125 mm)
End hose length	13.1' (4 m)
Voltage	24 V



Concrete pump	THP 140 Powerbloc	THP 170 Powerbloc
Max. flow rate (piston side)	188 yd³/h	218 myd³/h
Max. concrete pressure (piston side)	1,160 psi	1,160 psi
Pump cycles (piston side)	29 strokes/min	34 strokes/min
Conveyor cylinder Ø x stroke	9" x 79"	9" x 79"
Concrete conveying volume / double stroke	44 gal	44 gal
Max. hydraulic pressure	5,076 psi	5,076 psi
Drive cylinder	4.3" x 3.15" x 79"	4.3" x 3.15" x 79"
Hopper capacity	160 gal (600 l)	160 gal (600 l)
Noise emission (L _{WA})	119 dB	119 dB



Customer service



Dedicated customer service network

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 national service network in the US. All contacts can be found on the Liebherr website or in the MyLiebherr customer portal.

Customer Service

Toll free parts & service:
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Hours of Operation
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LIEBHERR



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. Competent. Reliable.



Concrete pumps



Mixing plants



Truckmixers



Conveyor belts



Measuring technology



Mixing systems



Concrete recycling systems

Your reliable 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

Contact us



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