



R 940 Litronic
R 950 Litronic
R 960 Litronic
R 980 Litronic
Demolition

LIEBHERR

Demolition excavators

Generation

6

	Max. working height at stick end	H/2
R 940	23.00–25.50 m	20.00–22.50 m
R 950	22.50–29.00 m	19.50–25.50 m
R 960	28.50–36.50 m	24.50–32.00 m
R 980	21.00–60.00 m	19.50–44.00 m

The range



Diesel:
200 to 420 kW
272 to 571 HP



49 to 197 t



Working height:
23.00 to 60.00 m
H/2 : 19.50 to 44.00 m



R 950 Demolition



R 960 Demolition



R 980 Demolition





Demolition excavator – an overview



LDC system

(Liebherr Demolition Control) monitors the demolition equipment positioning at all times guaranteeing the stability of the high reach



Air compressor

for radiator and cabin cleaning (option)



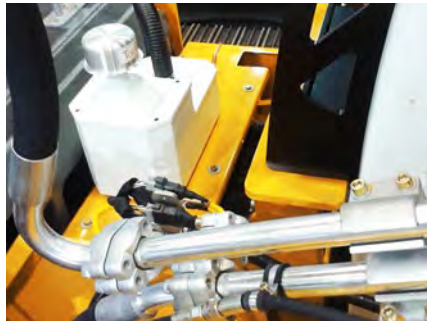
30 degree adjustable cab

for better operators view and less operators fatigue



Removable counterweight

for easy transportation
(optional: hydraulic version)



Cabin air filtration

for a clean operators cab



Dust suppression system

reduces the amount of dust in the working area



Hydraulically adjustable undercarriage

for easy transportation and wider working foot print for stability



Hydraulic and electronic systems

developed and adapted for demolition work

Liebherr demolition control

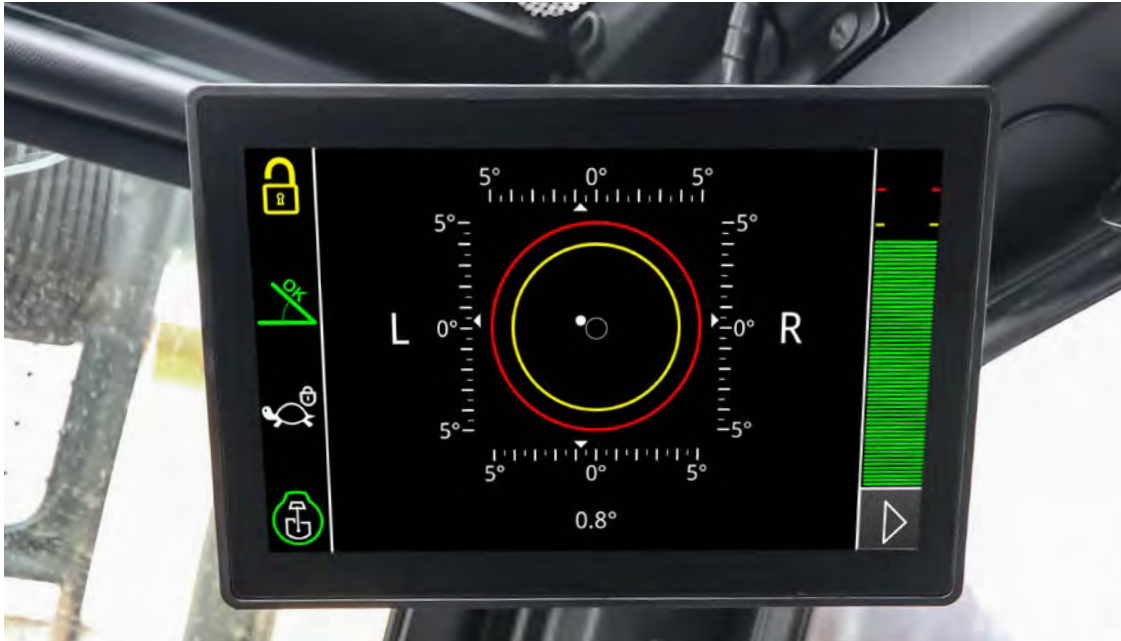
The Liebherr Demolition Control (LDC) System, which won a design award at the 2015 Intermat, gives the operators precise positioning of the demolition tool at all times guaranteeing the stability of the machine and safety of the operator.

The positioning of the tool and tilt angle of the machine is displayed in real time on a touchscreen. This gives the operator live information of what movements are permitted to minimize the risk of human error with concern to the stability of the machine.



The LDC system is ergonomically arranged in the operators field of view so that it is easy and fatigueless to monitor. If a critical measure value is exceeded the LDC system automatically activates the electronic reach limitation system.

No further movement is allowed until the demolition attachment is brought back into a safe working limit. This limitation is only available on the R 950 and R 960 models. For other models, only a monitoring mode is available.



Maximum performance on every project

Whether it's demoing an old building, highway bridge, industrial site, or water tower. It's the equipment that determines how efficient and economical a job will be.

The perfect solution for every application

Liebherr Demolition excavators offers a versatility that provides ultimate performance on every project. Liebherr innovative equipment solutions, technical design and long service life of components guarantees the best possible result in every sector of selective deconstruction.

Machine versatility from an industry expert

Liebherr Demolition excavators have a wide range of factory fitted attachments. This means that a wide variety of demolition jobs can be covered with the right attachment combination. All of these combinations and components are developed and manufactured exclusively by Liebherr. A one stop shop for your demolition needs.

Safety means success

With Liebherr demolition excavators safety means your success. The most possible stable machine, operating performance, and ergonomic design all leads to your demolition project success.





The perfect solution for every application

Liebherr demolition excavators set new standards for efficiency, versatility, and economy for deconstruction services. No matter how tough the job may be the Liebherr wide range of equipment means that any job can be tackled.

The diverse range of demolition extensions, booms, sticks, backhoe attachments and material handling attachment means the best combination for any job. Another strength of the Liebherr attachment concept is the ability to easily switch from one to another. An attachment change can be made quickly and with very little effort. This means you can use one machine for high reach work and for demolition site clean up.

Powerful design

The design of the uppercarriage and swing ring with one continuous box beam gives the excavator a strong backbone. This provides the excavator with a strong base to withstand the extreme forces faced in demolition jobs. Liebherr demolition excavators have high operational reliability and a long service life.

Top quality for top performance

The projects may change, but the level of performance stays the same. That's guaranteed by the superb quality of each individual component, that makes Liebherr demolition excavators famous around the world. Their robust construction, designed to withstand the most extreme conditions, means permanent availability and permanent profitability during tough demolition operations. Components such as the undercarriage, swing ring platform, bearings, bolts, and equipment fittings, are all planned and prepared to withstand extreme stresses and demands over long periods of time with no problem at all. That makes a Liebherr excavator an investment that will pay for itself many, many times over. And the versatile Liebherr range provides the ideal solution every time, whatever the task may be.

Our experience – your capital advantage

With more than 65 years of experience in design, construction, operations, and service of demolition excavators. Liebherr can provide you with complete expertise in every situation relating to demolition and selective deconstruction. As a Liebherr customer, you have all this know-how at your disposal, at any time. Our aim is clear – together with you, we'll find the most economical and most successful way to achieve your goals.





Safety – The key to success

Safety for the operator and no damage to the excavator are top priority on a demolition project. That's why all Liebherr demolition excavators are designed with a safety first concept.

Safety thanks to top ergonomic standards

Liebherr demolition excavators provide the operator with the ideal conditions for relaxed, fatigue-free, and effective working environment. The special demolition cab is designed in accordance with the very latest ergonomic technology and equipped with comfortable fixtures and fittings to match. This means the driver can concentrate with the task at hand provide his best performance for hours on end.

- The generously-dimensioned impact resistant glass in the front and roof windows provides an excellent view of the working area
- The easy overview monitor display allows the operator keep an eye on all important operating status parameters, all the time
- The design and arrangement of the seat, control system, and display is perfectly matched to each other in an overall ergonomic concept. The cab is also equipped with full climate control
- The driver's seat is vibration-damped, and can be adjusted to suit the driver's individual requirements. An air-suspension seat is also available as an option
- Always the best outlook: As an option, Liebherr demolition cabs can also be tilted by 30°





The demolition excavator range

R 940

Engine power	kW/HP	200 / 272
Operating weight	kg	48,700–67,100
Max. working height H/2	m	22.50

R 950

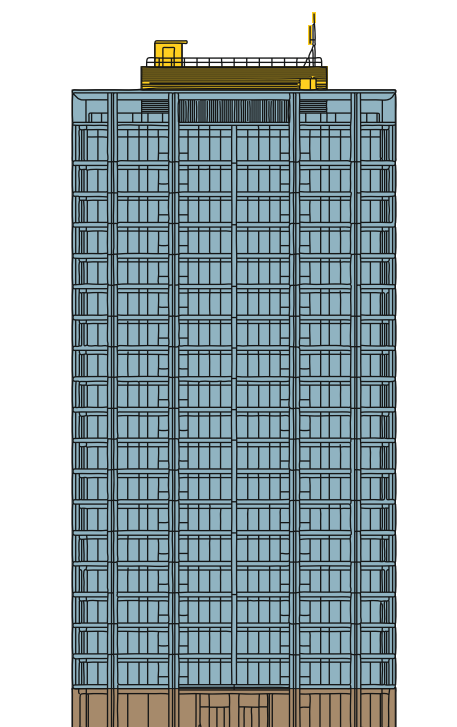
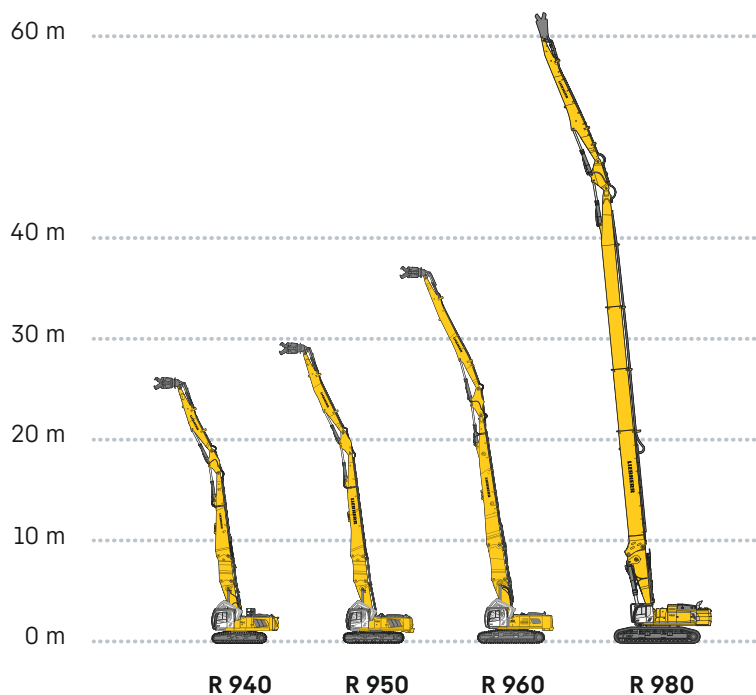
Engine power	kW/HP	220 / 299
Operating weight	kg	53,100–77,100
Max. working height H/2	m	25.50

R 960

Engine power	kW/HP	250 / 340
Operating weight	kg	77,300–99,300
Max. working height H/2	m	32.00

R 980

Engine power	kW/HP	420 / 571
Operating weight	kg	180,000–197,500
Max. working height H/2 max - H/3 max	m	44.00 - 57.00



More
information

R 940



More
information

R 950



More
information

R 960



More
information

R 980

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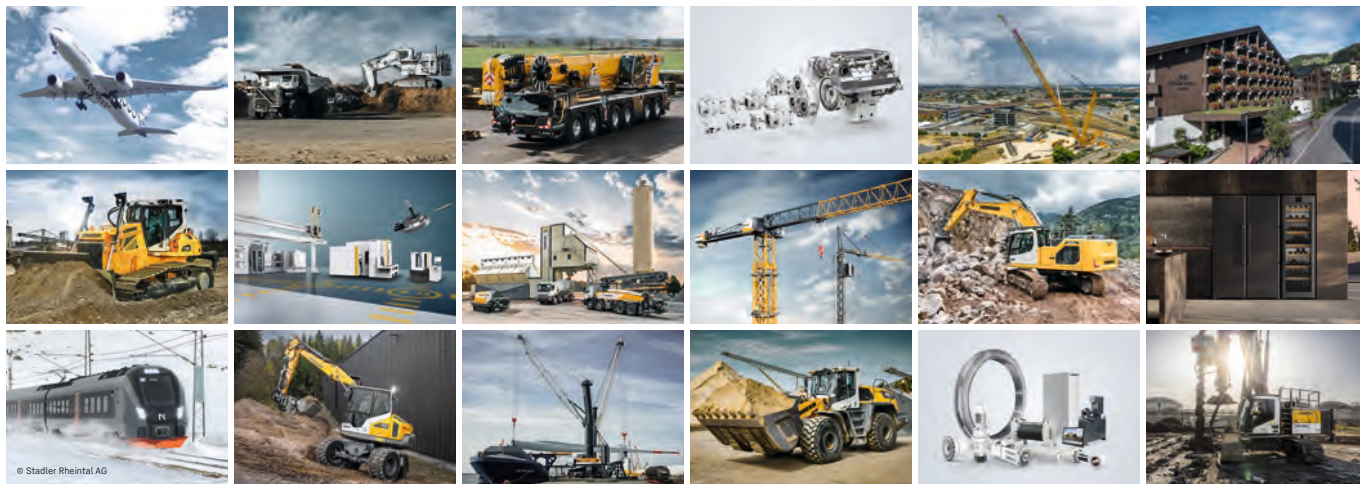


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We will take care of your request.

Get in touch now and we will work on your enquiry together!

The Liebherr Group



Global and independent: more than 75 years of success

Liebherr was founded in 1949 when, with the development of the world's first mobile tower crane, Hans Liebherr laid the foundations for a family-run company which now has more than 55,000 employees and comprises over 150 companies across every continent. The holding company of the Group is Liebherr-International AG in Bulle, Switzerland, whose shareholders are exclusively members of the Liebherr family.

Technology leadership and pioneering spirit

Liebherr is a pioneer and its forward-looking approach has seen it make important contributions to technology history over a wide variety of industries. Employees throughout the world continue to share the courage of the company founder, sharing a passion to produce innovative products and a determination to provide world-leading equipment and machinery.

Diversified product programme

Liebherr is one of the world's biggest construction machine manufacturers and provides high-quality, user-oriented products and services. Its product range includes the product segments earthmoving, material handling, deep foundation, mining, mobile and crawler cranes, tower cranes, concrete technology, maritime cranes, aerospace and transportation systems, gear technology and automation systems, refrigerators and freezers, components and hotels.

Customised solutions and maximum customer value

Liebherr solutions are characterised by precision, implementation and longevity. The company is committed to technological excellence and to providing customers with solutions that match their needs exactly. For Liebherr, customer focus does not end with delivery of a product but continues through a comprehensive range of back-up and support services.

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