

Product Information: Demolition Excavators

# R 950 – R 960 Demolition

Litronic®

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**R 950 Working Height**

22,50 – 29,00 m / 73' 10" – 95' 2"

**R 960 Working Height**

29,50 – 33,00 m / 96' 9" – 108' 3"



# LIEBHERR



# 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

# 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 au-

tomatically activates the electronic reach limitation system. No further movement is allowed until the demolition attachment is brought back into a safe working limit.



# 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 50 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 Liebherr Group of Companies



## Wide Product Range

The Liebherr Group is one of the largest construction equipment manufacturers in the world. Liebherr's high-value products and services enjoy a high reputation in many other fields. The wide range includes domestic appliances, aerospace and transportation systems, machine tools and maritime cranes.

## Exceptional Customer Benefit

Every product line provides a complete range of models in many different versions. With both their technical excellence and acknowledged quality, Liebherr products offer a maximum of customer benefits in practical applications.

## State-of-the-art Technology

To provide consistent, top quality products, Liebherr attaches great importance to each product area, its components and core technologies. Important modules and components are developed and manufactured in-house, for instance the entire drive and control technology for construction equipment.

## Worldwide and Independent

Hans Liebherr founded the Liebherr family company in 1949. Since that time, the enterprise has steadily grown to a group of more than 130 companies with over 41,000 employees located on all continents. The corporate headquarters of the Group is Liebherr-International AG in Bulle, Switzerland. The Liebherr family is the sole owner of the company.

[www.liebherr.com](http://www.liebherr.com)

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