

# Electric Hydraulic Excavator

Mine Electrification

# LIEBHERR

Mining



The Liebherr Group has over 40 years of experience in electric drive machines for various applications. We are committed to supporting our customers through this journey by enabling them to upgrade to zero emission drives on delivered equipment.

Electric hydraulic excavators are proven solutions to help customers build future sustainable mine sites. Focusing on reliability, maintainability, and safety; Liebherr's Engineering teams strive for solutions which require minimal change to existing energy infrastructure and operational behavior on customer sites.

Liebherr Mining offers a wide range of electric drive excavators on the market. Ranging from 130 t / 147 ton to 633 t/698 ton, the R 9150, R 9200, R 9250, R 9350, R 9400 and R 9600 are all available as electric drive versions.

## Electric hydraulic excavator range

Model	Nominal power (kW / HP)	Bucket capacity* Face shovel (m³)	Bucket capacity* Backhoe (m³)
R 9150 E	565 / 757	8.3	8.8
R 9200 E	850 / 1,139	12.5	12.5
R 9250 E**	1,050 / 1,408	15	15.7
R 9350 E	1,200 / 1,610	18	18.7
R 9400 E	1,350 / 1,810	22	24
R 9600 E	2 x 1,200 / 1,610	37	37.5

\*Density 1.8 t/m³ / 1.5 ton/yd³

\*\*R 9250 E phase out in 2026 / R 9300 E available from 2026

## Benefits



Reduced machine maintenance and service



Zero Tank-to-Wheel (TTW) emissions



Retrofittable capabilities



Cable reel option for improved mobility

# Diesel to electric

## Modular design

Liebherr offers solutions that are modular, which can be upgraded or retrofitted, easing the transition to low or zero emissions for customers.

For easy modification from diesel power packs, Liebherr has developed electric conversion kits. Retrofitting is possible anytime during the excavator's lifetime or major machine overhaul maintenance processes.

## Available modification kits

R 9400 E	R 9600 E
✓	✓



# Cable reel solution



## Backhoe & face shovel

To improve machine mobility and safety for the on site workforce, Liebherr has developed a cable reel option for the majority of electric drive excavators either in backhoe or face shovel configuration. The cable reel is completely autonomous and has a capability of up to 300 m depending on the excavator type.

This solution is particularly well-suited for backhoe excavators in double benching operations.

### Features:

- Autonomous cable reeling
- Hydraulically driven
- Heavy-duty design structure
- No ground clearance reduction
- Cable guiding angle +/- 45°



Scan to find out more about the Liebherr Mining cable reel solution for electric hydraulic excavators!