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Husqvarna DXR 310



The new remote-controlled demolition robot from Husqvarna®, the DXR 310, is the very latest in compact demolition robot technology. High power, low weight and functional design make it an obvious choice for consumers who want a highly manoeuvrable, super-strong and sturdy machine with a long reach. The remote control for the DXR 310 features a unique user-friendly and well-considered design, unlike anything on the market.

Our product knowledge, combined with experience, know-how and global presence mean you now have the choice of a demolition robot with highly accessible and competent service and support.

Let your choice be the Husqvarna DXR 310.

The creative demolition robot.

Husqvarna’s remote-controlled demolition robot brings creativity to demolition. It gives the user significant flexibility in terms of demolition method and solutions for increasing efficiency and profitability. With its compact, manoeuvrable design, the Husqvarna DXR 310 can enter practically anywhere and is perfect for demolition and light excavation work indoors and outdoors. The DXR 310 is ideal for the demolition of building industry materials, as well as demolition of piping, courtyards, stairwells, roofs, balconies, oven linings and much more. It is highly efficient also in sensitive environments.

The DXR 310 is easy to manoeuvre in cramped spaces, and the design is more modern and functional than other machines on the market. The long reach of the arm, the stepless slow-motion operation and various tools ensure maximum usability and precision. The strong metal hood has a contemporary look and the lights and lifting hooks have been integrated into the body of the machine, making it extremely robust, durable and stable.



Innovative engineering.

The machine has been developed entirely by Husqvarna. It’s very easy to operate, thanks to smart, functional design and innovative engineering and technology. It moves quickly into position and is ready to start work without time-consuming preparation.



Good view over the machine.

Its low height provides good view over the machine when you work, making operation both more efficient and safer as well as lowering the machine’s centre of gravity.

Ergonomic remote control.

The remote control for the Husqvarna DXR 310 is the market’s most modern and easy to use control with a uniquely user-friendly and well-considered design.



Individually controlled out-riggers.

The DXR 310 passes through most doorways since it’s just 78 cm wide. It also climbs stairs easily and can operate on uneven surfaces or close to walls, due to the individually controlled out-riggers.



Built for demolition.

The Husqvarna DXR 310 is packed with new technology, smart solutions, modern design and is supported by a very durable baseplate. The machine delivers lots of power despite its low weight and it features better solutions, and more of them, than the competition. Ensuring your demolition work is completed more efficiently and profitably.

The baseplate of the DXR 310 is cast in a single piece without any welded-on components, for greater strength and durability. The heavy parts of the machine have been located as far back and as low as possible. All of this helps ensure an optimal weight distribution and balance.

The machine is powered electro-hydraulically and has a 22 kW motor. Electro-hydraulic power makes it ideal for indoor work.



Heavy-duty control system.

The control system is extremely durable, perfect for typical demolition work in tough situations involving lots of vibrations, concrete dust and water.



Reliable LED lights.

The LED lights provide superb working light. They are designed for harsh environments and long shifts and can withstand up to 20,000 hours of operation. They are less vibration-sensitive than the halogen lights normally used on this type of robot.



Long range.

The telescopic boom has a range of approximately 5.5 m including the breaker. It's made of high-quality steel and can withstand high stresses.



Gentle lowering of out-riggers.

The support legs are lowered easily and gently, with individual control for maximal positioning on uneven surfaces, in stairways or tight against walls. When the support legs are raised, the machine is slowly lowered until it rests stably on the rubber tracks, with no tendency to tip.



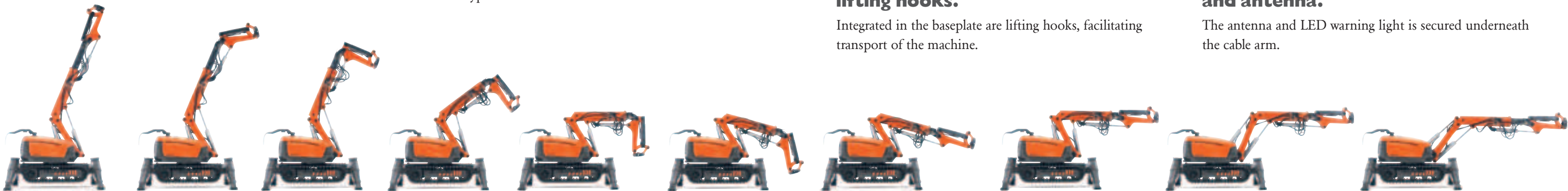
Baseplate with integrated lifting hooks.

Integrated in the baseplate are lifting hooks, facilitating transport of the machine.



Well protected warning light and antenna.

The antenna and LED warning light is secured underneath the cable arm.



Take control of your work.

The remote control is the heart of the Husqvarna DXR 310. It guides everything the machine does in a uniquely simple and convenient manner. Most functions are carried out using the two joysticks, without having to press any buttons to change settings. The control box is equipped with a 4.7 inch colour display that is easy to read. The remote control system uses industrial Bluetooth technology, an innovation for this type of machine.

The remote is ergonomic, logical and easy to manoeuvre. Thanks to the one-hand function you can transport the machine with a single hand. This leaves the operator with a hand free for controlling the tower and arm during transport or for managing the cable.

All software has been developed by Husqvarna and the remote control has several new features that you won't find on competitors' machines. The system is based on a thoroughly tested steering module also used in mining and forestry applications.

Well protected 4.7 inch TFT colour display that clearly presents information. Shows status on oil pressure, oil filter changes, electrical system failure, oil temperature in the hydraulic system and more.

Controlled by Bluetooth.

The only demolition robot on the market with a Bluetooth-assisted remote control. It's a stable, globally certified technology that isn't affected by other machines. The remote control is powered by a long-life Lithium ION battery.

Ergonomic joysticks with one-hand function means the tower and arm can be operated while the machine is being moved.



Mode setting. The machine has three modes: work, set-up and transport.

Emergency stop.

On/off button.

Impact rate of the hammer.

Stepless slow-motion for precise control of the arm.

Comfortable, stable harness.

The remote control is mounted on a curved alloy bar that the operator wears over the shoulder, instead of a conventional strap. It makes operation more convenient and the control remains secure even when the operator moves around the site. The length of the shoulder bar and the angle between the control and the bar are adjustable. All to maximize comfort, control and ergonomics.

A remote control cable can be connected for operation in sensitive environments such as hospitals and airports.

Easy service and maintenance.

It's not just the new Husqvarna DXR 310's engineering, efficiency and technical solutions that impress. The DXR 310 is also the market's most easily serviced demolition robot. And anything you can't solve, we will. With our global service network, our technicians are never far away.



On the side of the machine is a door. Inside is everything you need to manage filters, electric components, oil or troubleshooting. There are also hydraulic hoses with plug-in connections, for easier hose changes.

Despite the machine's compact design and low height, there is lots of room under the cover, a big benefit when it's time for service and maintenance.



Easy service of the power unit above the undercarriage.

The machine's power unit is located above the undercarriage, making service easier.

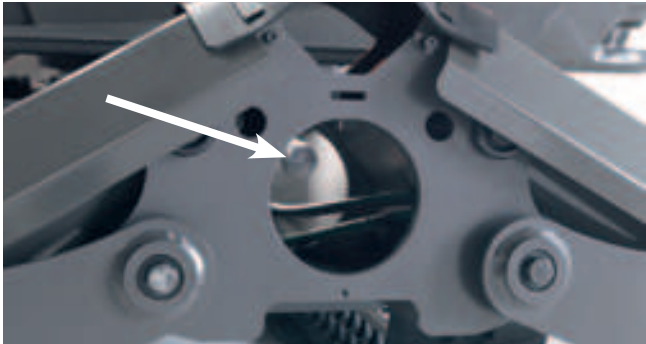


Automatic grease pump standard.

The grease pump is switched on or off automatically when you select a tool, eliminating user error.

Good access to hydraulic components.

The chassis has a door that protects the hydraulic components and allows easy access for service.



Convenient handle for track tensioning.

The handle is easily accessible to release the tension when changing the track.

Technical specifications.

Power	22 kW
Weight	1960 kg
Reach	approximately 5.5 m
Control system	Modular, digital CAN-based PLC
Automatic breaker lubrication	
Out-riggers	included on standard version
Telescopic arm	included on standard version

Tools.

Of course, by using different tools you further increase efficiency, profitability and range of applications. DXR 310 can be equipped with the most common demolition tools.

