

Volvo Construction Equipment  
Building Tomorrow



# ECR25D

Volvo Compact Excavators 2.49-2.96 t 21.2 hp





# WELCOME TO OUR WORLD

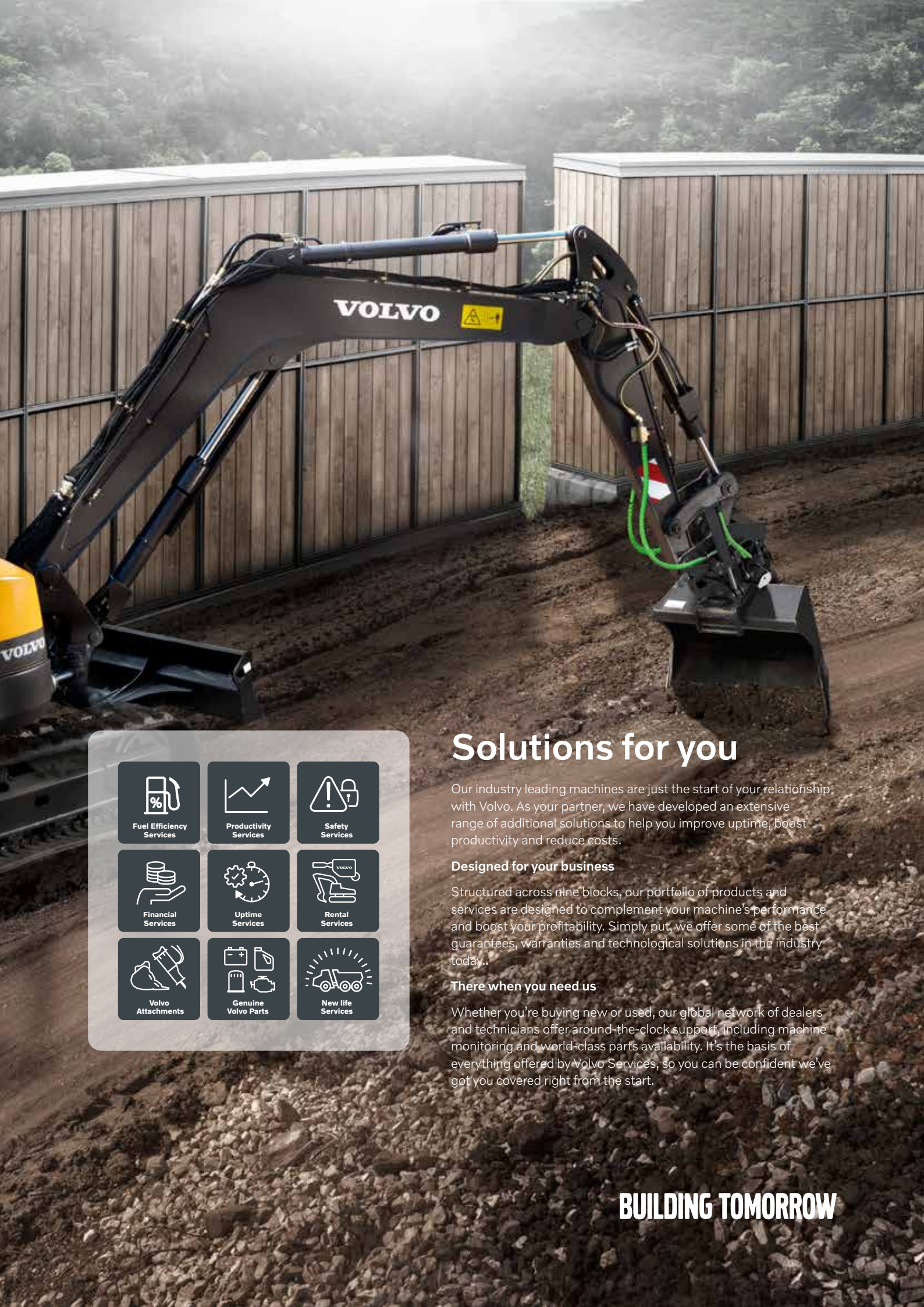
Welcome to a world of industry leading machinery. A world where imagination, hard work and technological innovation will lead the way towards developing a future which is cleaner, smarter, and more connected. A world supported by the enduring values of the Volvo Group. A world of stability, sustainability and innovation. A world which we put our customers at the heart of.

Welcome to the world of Volvo Construction Equipment – we think you're going to like it here.

## Small machines, big results

With decades of experience in the design and manufacture of compact excavators and wheel loaders, our range of compact machinery is designed with customer success in mind. Built from the same DNA as large Volvo machinery, our compact range sets the standard for efficiency performance and uptime – complemented by an extensive range of Volvo attachments for maximum versatility.

Building on our proud history, the Volvo Concept Lab continues to create cutting-edge ideas and innovative concepts – such as our award-winning electric compact excavator – to ensure we offer our customers machines which deliver big results long into the future.



 Fuel Efficiency Services	 Productivity Services	 Safety Services
 Financial Services	 Uptime Services	 Rental Services
 Volvo Attachments	 Genuine Volvo Parts	 New Life Services

## Solutions for you

Our industry leading machines are just the start of your relationship with Volvo. As your partner, we have developed an extensive range of additional solutions to help you improve uptime, boost productivity and reduce costs.

### Designed for your business

Structured across nine blocks, our portfolio of products and services are designed to complement your machine's performance and boost your profitability. Simply put, we offer some of the best guarantees, warranties and technological solutions in the industry today.

### There when you need us

Whether you're buying new or used, our global network of dealers and technicians offer around-the-clock support, including machine monitoring and world-class parts availability. It's the basis of everything offered by Volvo Services, so you can be confident we've got you covered right from the start.

**BUILDING TOMORROW**

# Small size. Big power.

The ECR25D has been designed with mobility and performance in mind. Featuring a range of innovations engineered for effortless transportation, you'll benefit from an ideal transport weight and an integrated bucket transport system. This powerful, short radius excavator boasts strong lifting capabilities as well as breakout and tear out forces that rival larger machines.

## Maintenance made easy

It's easy to keep your hardworking ECR25D up and running with worry-free maintenance. The wide-opening lockable engine hood provides clear access to all daily service points, while the minimum 50-hour interval on all greasing points saves valuable time and money. Check hydraulic oil at a glance with the Volvo patented hydraulic filter, featuring transparent housing to prevent unplanned downtime.



## Control costs

Decrease your total cost of ownership with a range of built-in features. The ideally matched Volvo engine and single variable displacement pump reduce fuel consumption, while auto-idle and auto-engine shutdown maximizes fuel efficiency, cut service costs and ensure high resale value. Controlling your costs needn't be complicated, which is why the flat glass windows of the cab can be replaced easily and inexpensively.



## The operator's choice

As the industry's leading operator environment, the easily accessible Volvo cab boasts superb visibility, comfortable seat, ergonomic controls, and conveniently-located cup and phone holders. The flat floor makes cleaning quick and easy, while noise and vibration insulation keep the operator fresh and focused – longer.



## Intuitive operation

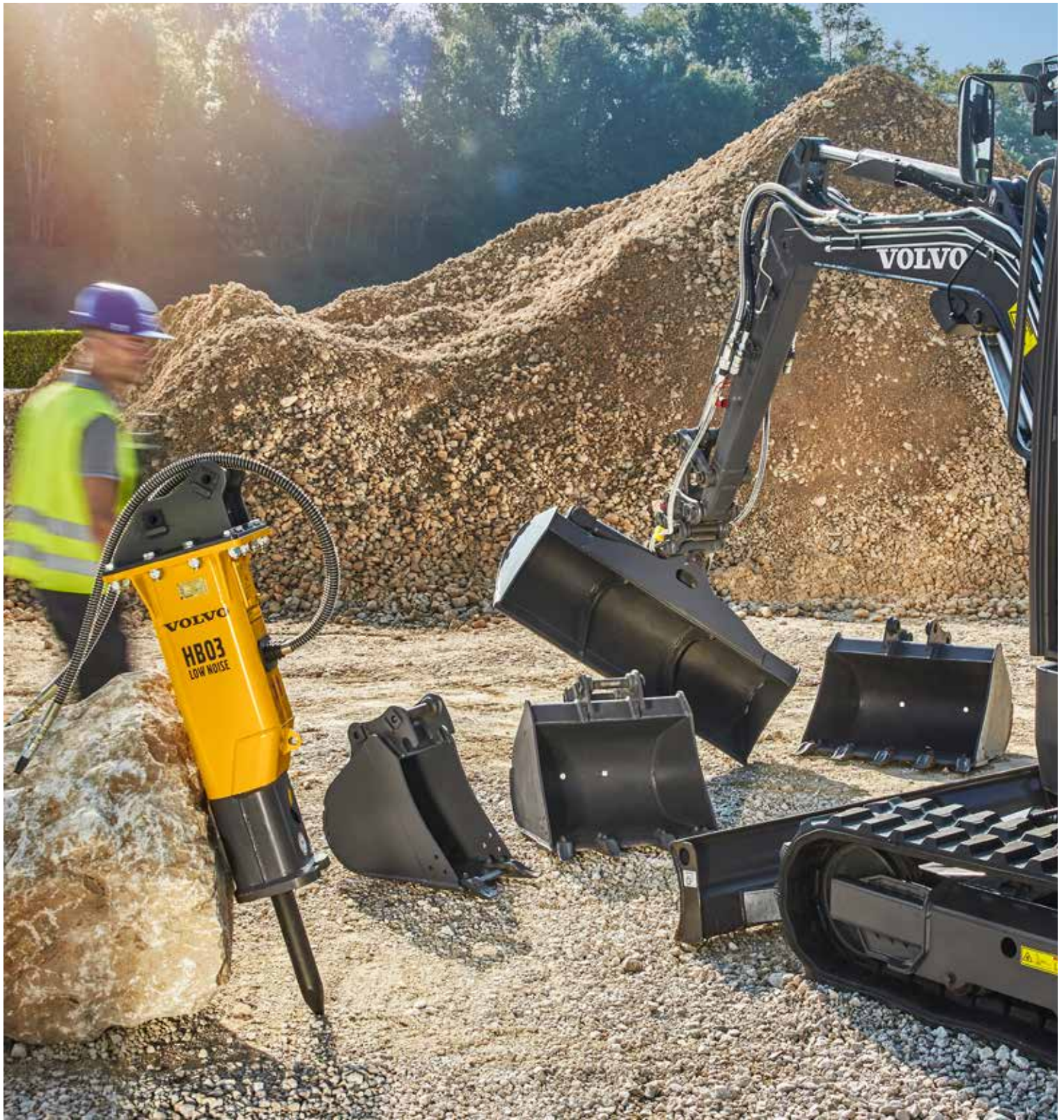
Experience precise, smooth and effortless command of the boom offset and auxiliary hydraulic flows with proportional fingertip controls. The easy-to-use joystick allows you to fine-tune the maximum hydraulic flow of any attachment to ensure ideal speed and power for any task. And, with automatic two-speed travel, you can drive the machine at high speed, which is automatically reduced when more traction is required.





# MADE FOR MOBILITY

Conveniently transport this highly mobile machine with up to three buckets and a hydraulic breaker on a small trailer and benefit from a total transport weight of less than 3.5 tonnes. Safe transportation is enabled by four, easily accessible, tie-down points.



# BUILT READY

Get the most out of your hardworking ECR25D with Volvo's range of durably-designed attachments. Purpose-built to work in harmony with your machine, Volvo attachments optimize versatility and uptime of your ECR25D, enabling you to effectively perform a variety of jobs.

# All work, all the time

Built to work for you, the ECR25D is an industry-leader. Optimize machine performance, productivity and versatility with Volvo's range of durable attachments and Customer Solutions, tailored to your business and operations. Just like your ECR25D, our unique, global dealer support network is built around you. Protect your profits with a long-term partnership and benefit from an array of services using Genuine Volvo Parts, delivered by passionate people.

## Fast, safe change outs

Change attachments quickly and efficiently with the pin-grabber mechanical quick coupler from Volvo. Compatible with the wide range of Genuine Volvo attachments, Volvo couplers ensure the optimum versatility for any task you choose.



## Unlock your potential

Unlock the full potential of your operation with the ECR25D, compatible with any attachment, installed safely and easily thanks to built-in relief valves. And, with the secondary accessory circuit, you have the potential to do even more. Contact your local dealer and benefit from leading expertise and advanced attachment solutions.



## Volvo - a partner to trust

Being a Volvo customer means having a complete set of services at your fingertips. Your dealer is here for you and your machine anytime, anywhere – offering professional expertise, financial packages and Customer Support Agreements, catered specifically to help you achieve your business objectives.



## Keep your Volvo a Volvo

We're committed to providing a complete solution to guarantee the highest performance of your Volvo machine, including high quality Genuine Volvo Parts, extensively tested and approved because every part is vital for performance. Rely on our leading parts availability to ensure maximum uptime, extend the life of your Volvo and optimize the profitability of your business.



# Up to the challenge

## Auto-idle

Engine speed is reduced to idle when controls are inactive for more than five seconds, cutting fuel consumption and noise.

## Control costs

Decrease your total cost of ownership with a range of built-in features, which reduce fuel consumption, cut service costs and ensure high resale value.

## BUILT READY

The ECR25D is a perfect match with Volvo attachments for increased versatility, performance and profitability.

## Auto engine shutdown

The engine shuts off when inactive for a pre-set amount of time, minimizing operating costs and ensuring a high resale value.

## 50-hour greasing intervals

Excellent stability and outstanding hydraulics ensure the machines are capable of lifting heavy loads.

## Automatic travel speed

Continually drive the machine at high speed. When more traction is needed, the speed is automatically reduced.





### The operator's choice

Ergonomic, spacious and safe, the Volvo cab features all around visibility, intuitive controls and built-in comfort.

### Patented hydraulic filter

Filtration occurs when the tank is filled and before oil returns via the drain lines. The transparent bowl makes checking for oil contamination easy.

## MADE FOR MOBILITY

Conveniently transport the highly mobile ECR25D with up to three buckets and a hydraulic breaker on a small trailer.

### Ultimate lifting capacity

Excellent stability and outstanding hydraulics ensure the machines are capable of lifting heavy loads.

### Maintenance made easy

Daily service points are grouped under the engine hood and are easily accessible for straightforward maintenance.

### Intuitive operation

Use ergonomic fingertip controls for precise, smooth and effortless command of the boom offset and auxiliary hydraulics.

### Volvo - a partner to trust

We offer the right solutions throughout the entire life cycle of your Volvo to help you achieve your business objectives.



# Specifications

## ECR25D

Engine		D1.1A
Gross power	kW	15.6
Net power	kW	14.8
. . . at engine speed	r/min	2 400
Operating weight	kg	2 490 - 2 960
Operating weight - canopy version	kg	2 400 - 2 870
Bucket capacity	m <sup>3</sup>	0.034 - 0.119
Travel speed	km/h	2.4 / 4.5
Slewing speed	r/min	9.4
Breakout force	kN	22.3
Tear out force (arm breakout force)	kN	17.8
Overall width	mm	1 550
Overall length	mm	3 924 / 4 045
Main hydraulic pump max. flow	l/min	58
Boom swing angle, left / right	°	72 / 56

Operating weight with 75 kg operator, 250 mm rubber track, short arm and 500 mm direct fit bucket.

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