

Volvo Construction Equipment  
Building Tomorrow



# EC210D

Volvo Excavators 20.5-23.8 t 167 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.

## Working harder, working smarter

For over 180 years Volvo has been a pioneer in the design and manufacture of machines which set the standard for efficiency, performance and uptime. Across our range of excavators, wheel loaders and haulers, our reputation for engineering excellence is unrivalled, which means whatever your operation or application, we can provide a total fleet solution to help you succeed.

Building on our proud history, the Volvo Concept Lab continues to create cutting-edge ideas and innovative concepts, to ensure we offer customers machines which work harder and smarter long into the future.



# 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**

# The power to perform

Get the most out of your excavator in any application. The EC210D is equipped with a range of features to ensure a superior performance, shift after shift. Designed with Volvo's extensive experience and expertise, this robust machine delivers ultimate productivity and efficient operation in a wide variety of tasks.

## Powerful Volvo engine

Experience optimum power with the EC210D's robust Volvo engine. Working together with the machine's proven hydraulics, this engine delivers high torque at low rpm for the ultimate combination of performance and improved fuel efficiency.



## Enhanced operator performance

Operate in comfort for a more productive work shift. The EC210D is equipped with a spacious and safe operator environment offering enhanced all-around visibility, an adjustable seat and ergonomic controls. The improved cab interior features a new I-ECU monitor that displays a range of information for efficient operation.



## Excellent controllability

The EC210D features increased hydraulic flow for responsive, accurate control in grading and combined operations. Benefit from smoother and easier movement when traveling and lifting simultaneously as well as better grading quality from the harmonized boom and arm movement.



## Efficient work mode

For fast cycle times and optimum fuel consumption, the EC210D is equipped with the new G4 work mode. Operators can choose the best mode to suit the task at hand, selecting from I (Idle), F (Fine), G (General), H (Heavy) and P (Power max) mode. Choose the correct mode according to your working conditions for added versatility and increased productivity.





# GET MORE DONE

The EC210D is built to help you do more. This excavator delivers a strong, versatile performance in a wide range of applications. A robust frame combines with optimal engine power and hydraulic pressure to provide superior digging forces and fast cycle times for excellent productivity in all operations.



# OUTSTANDING FUEL EFFICIENCY

Reduce fuel consumption and increase productivity with the EC210D. The powerful engine works in harmony with the optimized hydraulic system in combination with auto-idle function to deliver outstanding fuel efficiency.

# Efficiency that lasts

The Volvo EC210D is a versatile machine that ensures optimum profitability. This excavator is designed to lower fuel consumption and reduce operating costs, featuring best-in-class fuel efficiency and Volvo's intelligent ECO mode. Excellent service access and a durable design guarantee a long machine life and allow you to get the most out of your machine.

## ECO mode

Work efficiently and profitably with Volvo's intelligent ECO mode. This feature contributes to the machine's total improved fuel efficiency – without any loss of performance. The design optimizes flow and pressure while maintaining digging power and swing torque.

## Easy to service

The EC210D is built to ensure servicing is safe, quick and easy, featuring anti-slip plates, grouped filters, ground-level service access and centralized lubrication points. Long service intervals enhance machine availability and increase uptime for maximum productivity.



## Superior durability

Benefit from a robust performance, shift after shift. Built with durable components for outstanding results in all applications, the EC210D is designed to secure lasting machine value and an excellent return on investment.



# Volvo versatility

Make sure you are ready to tackle any job. Volvo CE offers a comprehensive range of attachments that let you handle a wide variety of tasks. The EC210D can be fitted with a selection of buckets and breakers that work in harmony with the machine to ensure optimal performance and profitability in any application.

## Quality Volvo buckets

Volvo offers a range of high quality buckets designed to perform efficiently in a variety of materials. Featuring exceptional design and built-in durability, these buckets are equipped with Volvo teeth to handle the toughest applications.



## Powerful breakers

The EC210D can be equipped with either a top or side mounted Volvo hydraulic breaker built to break even most demanding materials. With consistent power and high breaking force you'll benefit from maximum impact and durability. Set your Volvo breaker at the right frequency to suit your application needs.



## Attachment Management System

Pre-set and adjust hydraulic flow from the monitor inside the cab with this password-protected management system, providing storage for up to 20 different attachments for increased versatility. You can choose between one or two pump flow to maximize profits and productivity.



## Optional auxiliary piping

The Volvo-designed hydraulic breaker / shear piping and quick coupler piping option provides optimum flow to the hydraulic attachments. State-of-the-art auxiliary lines allow the correct flow and pressure for special attachments.







# A VERSATILE MACHINE

Access more applications and efficiently perform a variety of tasks with Volvo's extensive attachment range. The EC210D is compatible with a selection of robust buckets, breakers and piping options that allow you to adapt to any job with ease. All attachment options ensure a quality performance, high productivity and fast cycle times.



# CUSTOMER SUPPORT AGREEMENTS

The range of Customer Support Agreements offer preventive maintenance, total repairs and a number of uptime services. Volvo uses the latest technology to monitor machine operation and status, giving you advice to increase your profitability. By having a Customer Support Agreement you are in control of your service costs.

# Adding value to your business

Being a Volvo customer means having a complete set of services at your fingertips. Volvo can offer you a long-term partnership, protect your revenue and provide a full range of customer solutions using high quality parts, delivered by passionate people. Volvo is committed to a positive return on your investment.

## Complete Solutions

Volvo has the right solution for you. So why not let us provide all your needs throughout the whole life cycle of your machine? By listening to your requirements, we can reduce your total cost of ownership and increase your revenue.



## Genuine Volvo Parts

Our attention to detail is what makes us stand out. This proven concept acts as a solid investment in your machine's future. Parts are extensively tested and approved because every part is vital for uptime and performance. Only by using Genuine Volvo Parts, can you be sure that your machine retains the renowned Volvo quality.



## Service Network

In order to respond to your needs faster, a Volvo expert is on their way to your job site from one of our Volvo facilities. With our extensive infrastructure of technicians, workshops and dealers, Volvo has a comprehensive network to fully support you using local knowledge and global experience.



## CareTrack

CareTrack is the state-of-the-art Volvo telematics system that provides access to a wide range of machine monitoring information designed to save time and money. Proactively manage service and maintenance schedules, optimize machine and operator performance and reduce fuel costs with CareTrack.



# A profitable performance

## ECO mode

Volvo's intelligent ECO mode increases fuel efficiency without any loss of performance.

## FUEL EFFICIENCY

The powerful engine works in harmony with optimized hydraulics and auto-idle function for outstanding fuel efficiency.

## Optional auxiliary piping

The EC210D can be adjusted to take a variety of hydraulic lines, fitted with breaker and shear piping (X1).

## Excellent controllability

Increased hydraulic flow ensures responsive, accurate control in grading and combined operations.

## A VERSATILE MACHINE

The EC210D is compatible with a range of robust buckets, breakers and piping options so you can adapt to any job.

## Efficient work mode

For fast cycle times and optimum fuel consumption, the EC210D is equipped with the new G4 work mode.



### Superior durability

Built with durable components for outstanding results in all applications, the EC210D secures lasting machine value.

### Enhanced operator performance

A spacious, comfortable operator environment offers enhanced all-around visibility and a new I-ECU monitor.

### GET MORE DONE

A robust frame, powerful engine and optimum hydraulic pressure provide superior digging forces and fast cycle times.

### Powerful Volvo engine

A robust Volvo engine delivers high torque at low rpm for the ultimate combination of performance and fuel efficiency.



### CUSTOMER SUPPORT AGREEMENTS

Customer Support Agreements offer preventive maintenance, total repairs and a number of uptime services.

### Easy to service

Ground-level service access, centralized lubrication points and anti-slip plates make services quick and easy.

# Specifications

## EC210D

Operating weight	kg	18 100 - 22 800
Gross power	kW	123
. . . at engine speed	r/min	2 000
Bucket capacity	m <sup>3</sup>	0.52-1.22
Lifting capacity, along undercarriage	kg	7 240
. . . at reach / height	m	6.0 / 1.5
Max. digging reach	mm	9 930
Max. digging depth	mm	6 730
Breakout force, SAE J1179 (Normal)	kN	123
Breakout force, SAE J1179 (Boost)	kN	130
Tear out force, SAE J1179 (Normal)	kN	96
Tear out force, SAE J1179 (Boost)	kN	102
Overall width	mm	2 800
Tail swing radius	mm	2 850
Based on machine configuration: 5.7m Boom. 2.9m Arm		

Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

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