

Volvo Construction Equipment
Building Tomorrow



EC200D, EC210D, EC220D



MAXIMIZING YOUR OPPORTUNITY IN THE 20 TONNE RANGE



Models to suit your business

EC200D

This 20 tonne excavator offers the perfect combination of speed and reliability to achieve outstanding fuel economy and long-lasting performance in general construction segments.



EC210D

This 21 tonne excavator offers the perfect combination of power and reliability to achieve superior fuel efficiencies and long-lasting performance in very tough applications.



EC220D

The extremely powerful 22 tonne model is a real workhorse, fit for all applications. With a premium Volvo D6 diesel engine, you will benefit from outstanding performance and higher productivity. This machine is truly flexible to your needs, wherever you put it to work.



Purpose-built package

ECO MODE

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

SERVICE MADE SIMPLE

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

EXCELLENT CONTROLLABILITY

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



SUPERIOR DURABILITY

Built with durable components for outstanding results in all applications, the EC200D, EC210D and EC220D secures lasting machine value.

COMPLETE SOLUTIONS

Volvo provides the right solutions throughout the entire life cycle of your machine to lower total cost of ownership.

ENHANCED OPERATOR PERFORMANCE

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

OUTSTANDING FUEL EFFICIENCY

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

POWERED BY VOLVO

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

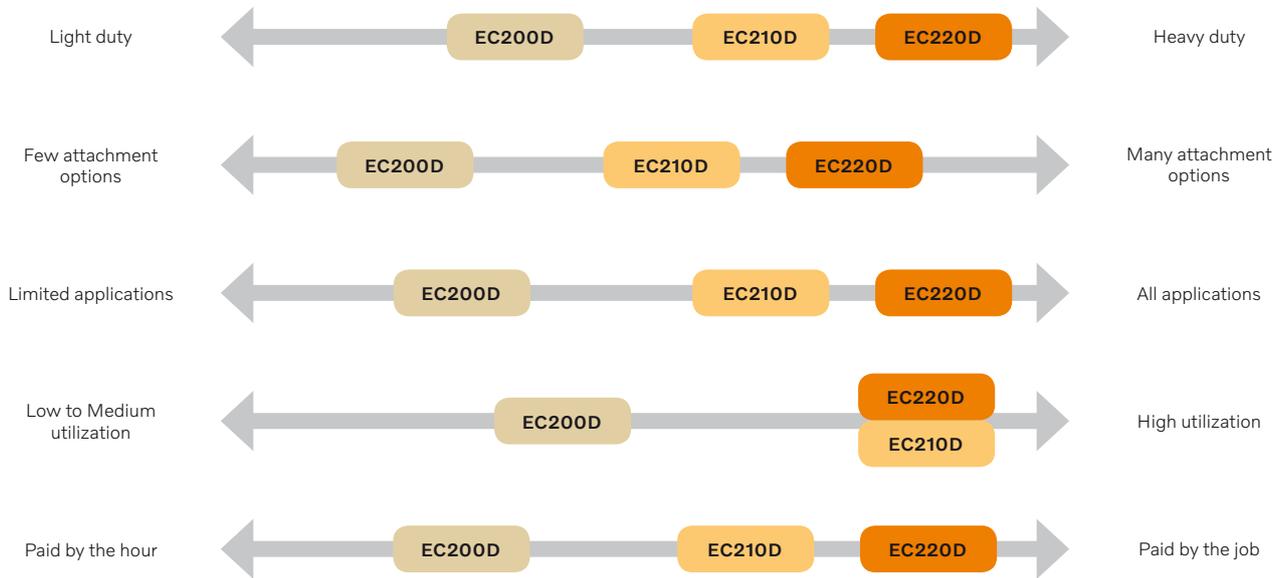


THE RIGHT MODE FOR THE JOB

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.

Model comparison

20-22t Class: 3 Models



Segments

SEGMENT	EC200D	EC210D	EC220D
General Construction (mass excavation)	●	●	●
Urban Infrastructure	●	●	●
Road Construction	●	●	●
Utility	●	●	●
Agriculture & Landscape	●	●	●
Major Pipeline & Energy	●	●	●
Aggregates & Quarry		●	●
Demolition			●

Key specifications & options

TECHNICAL SPECIFICATIONS	EC200D	EC210D	EC220D
Operating weight	19,800 – 20,300 kg	18,100 – 22,800 kg	20,900 – 24,400 kg
Engine	Volvo D5E	Volvo D5E	Volvo D6
Gross power	123 kW	123 kW	123 kW
... at engine speed	2,000 rpm	2,000 rpm	1,800 rpm
Maximum torque	670 Nm	670 Nm	730 Nm
... at engine speed	1,600 rpm	1,600 rpm	1,350 rpm
Lifting capacity, along undercarriage	6,030 kg	6,950 kg	7,470 kg
... at reach / height	6 / 1.5 m	6 / 1.5 m	6 / 1.5 m
Max digging reach	9,840 mm	9,930 mm	9,930 mm
Max digging depth	6,680 mm	6,730 mm	6,730 mm
Breakout force, SAE J1179 (Normal)	116 kN	123 kN	130 kN
Breakout force, SAE J1179 (Boost)	—	130 kN	137 kN
Tear out force, SAE J1179 (Normal)	90 kN	96 kN	102 kN
Tear out force, SAE J1179 (Boost)	—	102 kN	108 kN
Overall width	2,800 mm	2,800 mm	2,990 mm
Tail swing radius	2,860 mm	2,850 mm	2,850 mm

Attachment range overview

FEATURE/SEGMENT	EC200D	EC210D	EC220D
General Purpose 	0.48 – 0.92 m ³	0.48 – 1.27 m ³	0.48 – 1.44 m ³
Heavy duty 	N/A	0.92 – 1.25 m ³	1.27 m ³
Quick coupler 	N/A	YES	YES
Breaker 	YES	YES	YES

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