



PRESS INFORMATION

Volvo leads the way with new crawler 20-tonne excavator

New EC200E, 20-tonne crawler excavator from Volvo is purpose-built to meet the needs of the highly demanding medium-duty market.



Aimed squarely at one of the most competitive segments of the excavator market, Volvo Construction Equipment's (Volvo CE) new EC200E crawler excavator is the perfect partner for a wide range of medium-duty applications. The 20-tonne model is a purpose-built machine whose specifications position it between the company's existing EC220E and EC160E units in North America. Ideal for in-house operations or as part of a rental fleet, and suitable for construction, utilities, road infrastructure and more, the EC200E provides superior performance with excellent value, ensuring high customer profitability.

Impressive performance

With decades of experience and the power of the Volvo Group behind it, Volvo CE has installed next generation emissions-compliant engine for highly regulated markets. The Tier 4 Final-certified D4 Volvo engine is optimized for operators to get the best

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performance from the EC200E, providing the power, fuel-efficiency and reliability needed to succeed across a wide range of tasks.



With Volvo's power boost function, the already impressive lifting and digging forces are increased further, resulting in faster cycle times and optimum productivity.

The EC200E's advanced hydraulics system works in harmony with the fully-electric control system and Volvo CE's advanced ECO mode, to minimize power loss and improve both controllability and response times. The crawler excavator can also be factory-fitted with additional auxiliary hydraulic piping to help power hydraulic attachments, and boost the versatility and productivity of the machine.

A true all-rounder

The EC200E is an extremely versatile machine, one that is able to carry out many tasks for a variety of applications. Design features include a robust boom and arm, strong undercarriage, heavy counterweight and protected components, all of which enable the unit to carry out difficult tasks in tough environments. By combining the EC200E with tailor-made Volvo attachments, customers can make the most out of the machine – maximizing efficiency, hence profitability. The range of attachments includes:

- **Buckets**

Whether working with soft, medium or hard materials, Volvo digging buckets provide maximum productivity and long life and feature original Volvo wear



components. Volvo ditching buckets make the perfect partner for landscaping, slope shaping or ditch maintenance.

- **Breaker**

Volvo hydraulic breakers are designed to work in harmony with the excavator, delivering consistent power and performance. These attachments are durable and can be fitted with a range of work tools to suit many operations.

- **Thumb**

The thumb can be the ideal attachment when working with rocks, debris and other irregular objects that are difficult to manage. The thumb is easy to work with thanks to the machine's smooth and strong hydraulic system, and can easily be retracted when the bucket is used for normal digging operations, yet quickly available at the flick of a switch from the cab when required.

- **Quick couplers**

For quick and easy changes between attachments, Volvo offers a full range of quick couplers. The Volvo Universal Quick Coupler (pin grabber type) for example, uses the latest technology to give operators precise control in locking attachments without leaving the cab.

Safety and comfort for operators

Every Volvo machine is designed with safety as a priority and the EC200E features a ROPS protected cab, high visibility handrails and anti-slip steps. Featuring a design first for Volvo's mid-sized machines, the EC200E is now much easier to access from the right-hand side. This is made possible thanks to a new step being welded to the undercarriage and a three-point handrail above it – making climbing aboard to conduct routine service duties easier, safer and faster.



The operator environment is further enhanced by excellent all-around visibility, aided by side view camera and optional Volvo Smart View that enhances the safety of



operators and those working around the machine. In addition, the cab has been designed in consultation with operators to provide a comfortable working environment with reduced noise, easy-to-use controls and ergonomic layout.

Driving costs down

The EC200E is built to maximize uptime on jobsites and minimize disruption to operational activities. Long service intervals for oil and filter changes lead to a reduction in stops required; routine servicing is simplified thanks to a range of features including grouped filters accessed from ground-level, foldable guard rails, and real-time service alerts. To further improve serviceability, the radiator, charged air cooler and hydraulic oil cooler are situated side-by-side on a single layer.



As with other excavators in the range, Volvo provides excellent machine monitoring systems on the EC200E. CareTrack provides real-time telematics data, including operating hours, location, and service alerts, helping to keep abreast of the unit's condition and performance. There are a variety of options to suit different requirements.

ActiveCare Direct™ is a new proactive telematics monitoring and fleet utilization reporting service offered directly by Volvo; it is



free for a year on applicable new machine purchases. With active machine monitoring – 24/7, 365 days a year – and monthly fleet reports, ActiveCare Direct™ allows to make informed fleet management decisions without the need to sort through data and alarm codes.

As with all Volvo products, the EC200E crawler excavator model is backed up with a supportive and knowledgeable dealer network, providing a range of solutions to keep customers' machines working productively.

Key specifications:

Operating weight	kg	20 440- 24 670
	lb	44,974 - 54,388
Gross power	kW	115
	hp(imp)	154
. . . at engine speed	r/min	2 000
Bucket capacity	m ³	0.275 - 1.1
	y ³	0.36 - 1.44
Lifting capacity, along undercarriage	kg	7 320
	lb	16,138
. . . at reach / height	m	6.0 / 1.5
	ft	20 / 5
Max. digging reach	mm	9 993
	ft in	32'9"
Max. digging depth	mm	6 781
	ft in	22'3"
Breakout force, SAE J1179 (Normal)	kN	125
	lbf	28,101
Breakout force, SAE J1179 (Boost)	kN	132
	lbf	29,675
Tear out force, SAE J1179 (Normal)	kN	101
	lbf	22,706
Tear out force, SAE J1179 (Boost)	kN	107
	lbf	24,055
Overall width	mm	2 990
	ft in	9'10"
Tail swing radius	mm	2 850
	ft in	9'4"

November 2018.

Note: you can download the pictures in this press release by clicking [here](#).