

Volvo Construction Equipment
Building Tomorrow



EC55D

Volvo Compact Excavators 5.4-5.63 t 36.5 kW





WELCOME TO OUR WORLD

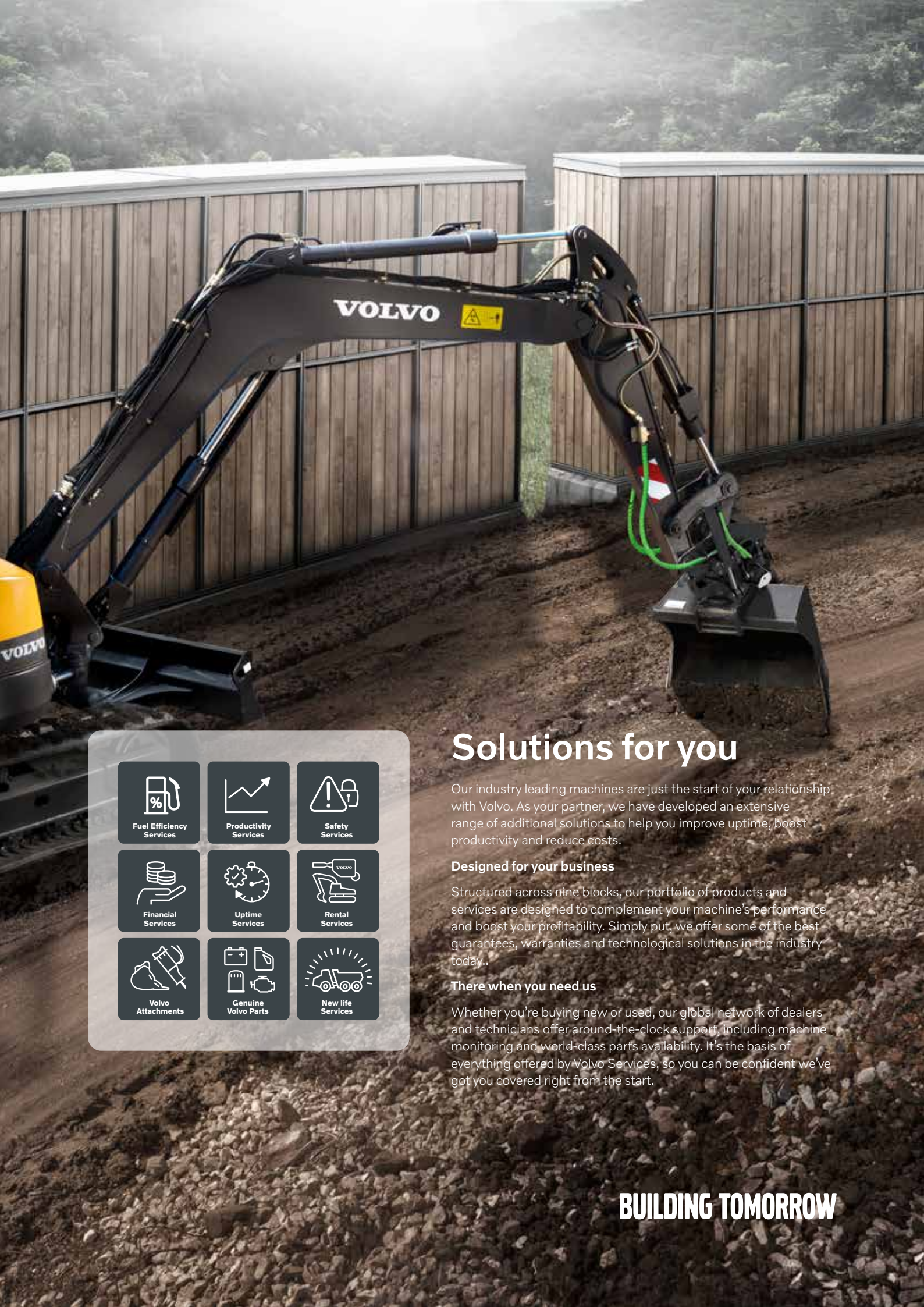
Welcome to a world of industry leading machinery. A world where imagination, hard work and technological innovation will lead the way towards developing a future which is cleaner, smarter, and more connected. A world supported by the enduring values of the Volvo Group. A world of stability, sustainability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

A machine you can rely on

Volvo's EC55D high quality compact excavator is designed to work harder for longer. Using high quality components and Volvo design, the machine is built to last while delivering a superior performance and high fuel efficiency. You can rely on a solid investment in the durable EC55D, benefiting from increased uptime and a highly competitive residual value.

Smooth control

Achieve a smooth and comfortable operating experience with the EC55D. You can dig, swing, load and lift with increased controllability, for enhanced productivity and reduced fatigue. The machine does exactly what the operator intends with responsive controls and an optimized hydraulic system to achieve precise grading results for a high quality finish.



Proven reliability

Rely on increased uptime and a highly competitive residual value with the durable EC55D. The robust design of the EC55D incorporates the wrapped-around counterweight to shield the engine compartment, X-shaped undercarriage and heavy-duty arm, to enable a sturdy operation in extreme conditions. Maximum uptime is preserved thanks to easy-access maintenance points, and the new, easy-to-clean single layer cooling system.



A profitable operation

Reduce fuel costs with the EC55D for a more profitable operation. The state-of-the-art hydraulic system is perfectly matched to Volvo's premium Tier 3 engine to deliver high performance and superior fuel efficiency.



Complete comfort and convenience

For comfortable operation and reduced operator fatigue, the EC55D cab offers a spacious and quiet working environment. Built for maximum convenience, the cab features ergonomically located monitor and controls, a fully adjustable seat, and a semi-long joystick. Performance of the air conditioning has been increased by 10% to ensure comfortable operation in all climates.

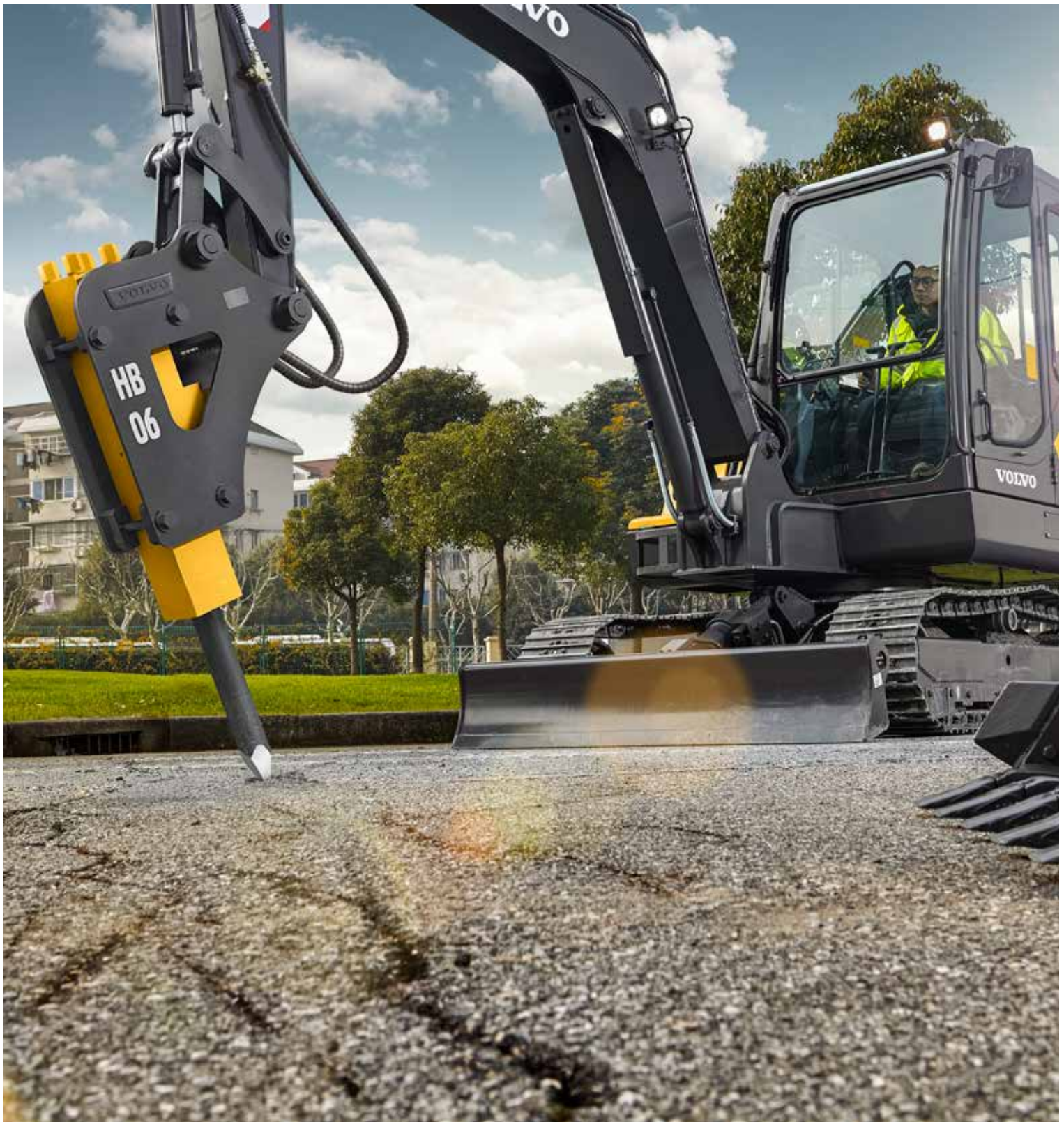




POWER TO PERFORM



Do more in less time with market-leading power, outstanding combined digging efforts and faster digging equipment speed of the EC55D. Tackle challenging job sites with ease thanks to the superior traction, swing force and lifting capacity. For the ultimate combination of power and productivity, improved cooling ensures optimized performance for any climate.



ROBUST ATTACHMENTS TO MATCH



Well-engineered and built to last in tough conditions, Volvo's robust, high quality buckets and hydraulic breakers offer high durability and performance. Specifically made for your Volvo machine, the buckets are reinforced with Volvo teeth and wear parts for longer life, and the range of breaker tools has been developed to break any kind of material with excellent performance.

The complete solution

We're committed to providing a complete solution to guarantee the highest performance from your Volvo machine, including high quality attachments and state-of-the-art support through our customer solutions. Take advantage of our unique dealer support network to ensure your machine achieves maximum uptime, and generates maximum profit and growth for your business.

Customer Support Agreements

Customer Support Agreements offer service and maintenance with controlled costs and maximum uptime. The flexible system caters for a range of needs from total repair and maintenance to an inspection program covering vital parts and functions.



Genuine Volvo Parts

Volvo Service Technicians work with industry-leading diagnostic tools and techniques, using only Genuine Volvo Parts to deliver the highest levels of quality and service. Talk to your local Volvo dealer about how genuine Volvo services can provide the service and maintenance plan that best fits your needs.



Customer support centre

Customer Support Agreements offer service and maintenance with controlled costs and maximum uptime. The flexible system caters for a range of needs from total repair and maintenance to an inspection program covering vital parts and functions.



Lasting performance

Proven reliability

Volvo conducts rigorous testing in the development stages resulting in a durable machine that won't let you down.

Smooth control

Increased controllability ensures smooth operation, improved productivity, and a high quality finish.

Grease can holder

Free up room in the cab with the conveniently-positioned grease can storage to allow for quick periodic greasing.

A profitable operation

The hydraulic system is perfectly matched to Volvo's premium engine to deliver high performance and fuel efficiency.

ROBUST ATTACHMENTS TO MATCH



High quality buckets and hydraulic breakers are specifically made for your Volvo machines to secure high durability.

Complete comfort and convenience

The spacious and ergonomic EC55D cab ensures a comfortable and productive operation as well as reducing operator fatigue.



POWER TO PERFORM



Do more in less time with market-leading power and outstanding combined digging power and speed of the EC55D.

Single layer cooling unit

The single layer cooling unit maximizes efficiency, reduces blockages and aids cleaning.

New D-Series styling

The new Volvo D-series styling offers a unique look to differentiate from competitors' designs and previous generations.

Improved air conditioning

Volvo's industry-leading climate control system provides a more comfortable and productive working environment.

X-shaped undercarriage

Durable and strong X-shape undercarriage ensures superior stability and increases machine lifetime.

Customer Support Agreements

Covering a variety of service and maintenance needs, Customer Support Agreements control costs and maximize uptime.



Specifications

EC55D

Engine		D2.6A
Gross power	kW	36.5
Net power	kW	34.5
. . . at engine speed	r/min	2 000
Operating weight	kg	5 400 - 5 630
Operating weight - canopy version	kg	-
Bucket capacity	m ³	0.2
Travel speed	km/h	2.6 / 4.3
Slewing speed	r/min	9
Breakout force	kN	40
Tear out force (arm breakout force)	kN	26
Overall width	mm	1 920
Overall length	mm	5 885
Main hydraulic pump max. flow	l/min	142.4
Boom swing angle, left / right	°	-

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.

VOLVO

Volvo Construction Equipment

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