

News

# NEW VOLVO EC27D COMPACT EXCAVATOR STRETCHES FURTHER, DIGS DEEPER AND REACHES HIGHER

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*By Press Information*

**The Volvo EC27D compact excavator boasts an exceptionally large operating range for its size class, while combining intuitive operation and operator comfort with simple serviceability and versatility.**



The 2.7 tonne EC27D compact excavator from Volvo Construction Equipment is built to perform and boost profitability across a variety of applications.

Based on a proven design, the Volvo EC27D boasts impressive lifting capacities, over 42 kN of digging forces, and unshakable stability. The extended working range requires less repositioning and enables the operator to work close to the blade for fast finishing when grading. These features, along with smooth combination of movements, intuitive operation and industry-leading operator environment reduce the time required to complete the job at hand. The straightforward maintenance helps to maintain best-in-class performance over the years, so customers can decrease their total cost of ownership and focus on their profitability.

## **Smooth and easy operation**

The rock-solid compact excavator features a ROPS/FOPS Volvo cab, designed to enhance operator control, comfort and productivity. With all-round visibility, a comfortable seat, leading ergonomics and convenient storage, it comes then as no surprise that the Volvo cab is the operator's choice. The excellent noise and vibration insulation of the Volvo cab keeps the operator fresh and focused longer. Meanwhile, the easy-to-clean operator's station, featuring a large flat floor design, enables the operator to maintain a pleasant working environment even in adverse conditions.

Thanks to responsive controls and an optimized hydraulic system, the operator can manoeuvre this machine with ease and precision. Proportional fingertip controls offer a smooth and effortless command of the boom offset and auxiliary hydraulic flows, while the joystick enables the operator to fine-tune the maximum hydraulic flow of any attachment to ensure ideal speed and power for the task at hand. Using the automatic two speed travel system, the operator can continually drive the machine at high speed, which is automatically reduced when more traction is required.

## **Low costs, high uptime**

The EC27D compact excavator maximizes uptime and delivers a low cost of ownership thanks to a number of built-in features. The single variable displacement pump uses power from the Volvo engine only when it is needed for optimum fuel efficiency. The auto idle and auto engine shutdown reduce noise disturbance, cut fuel consumption and maintenance costs while ensuring a higher resale value. For added assurance, the toughened flat windows can be replaced easily and inexpensively – because controlling costs shouldn't be complicated.

To further reduce maintenance costs and maximize uptime, the wide-opening lockable engine hood provides easy access to daily checkpoints, grouped together for added convenience. Using the Volvo patented hydraulic filter, operators can visually check hydraulic oil condition at a glance. Daily maintenance is minimized, with 50-hour greasing intervals, saving customers time and money.

## **More than a Machine**

For optimum machine performance, productivity and versatility, Volvo offers a range of robust Volvo attachments for all working conditions. Purpose-built to work in harmony with the machine, Volvo attachments provide access to more applications and enable operators to effectively perform a variety of jobs. And, with the Volvo pin-grabber mechanical quick coupler, changing attachments has never been easier. Compatible with all Volvo attachments, Volvo couplers ensure the optimum versatility for any task.

Customers can count on their Volvo dealers to offer professional expertise, financial packages and Customer Support Agreements, catered specifically to help them achieve their business objectives. Volvo is committed to providing a complete solution to guarantee the highest performance of every machine, including high quality Genuine Volvo Parts. Because every part is vital for performance, all Genuine Volvo parts are extensively tested, approved and quickly available to ensure maximum uptime and business growth for their owners.

## **Key specifications**

Engine		Volvo D1.1A
Gross power	kW	15.6
	hp(imp)	20.9
Net power	kW	14.8
	hp(imp)	19.8
... at engine speed	r/min	2400
Operating weight	kg	2 730
	lb	6,019
Operating weight - canopy version	kg	2 640
	lb	5,820
Bucket capacity	m <sup>3</sup>	0.034 - 0.119
	y <sup>3</sup>	0.044 - 0.156
Travel speed	km/h	2.6 / 4.8
	mph	1.62 / 2.98
Slewing speed	r/min	9.4
Breakout force	kN	24.6
	lbf	5,528
Tear out force (arm breakout force)	kN	18.1
	lbf	4,060
Overall width	mm	1 550
	ft in	5'1"
Overall length	mm	3 933 / 3 811
	ft in	12'11" / 12'6"
Main hydraulic pump max. flow	l/min	65
	gal/min	17.2
Boom swing angle, left / right	angle	72.5 / 53

Volvo Construction Equipment markets wheeled loaders, articulated haulers, hydraulic excavators, Volvo utility equipment and Volvo road equipment products in Great Britain. There are eight strategically placed customer support centres and a network of utility equipment dealers to ensure high quality customer support is maintained throughout the country.

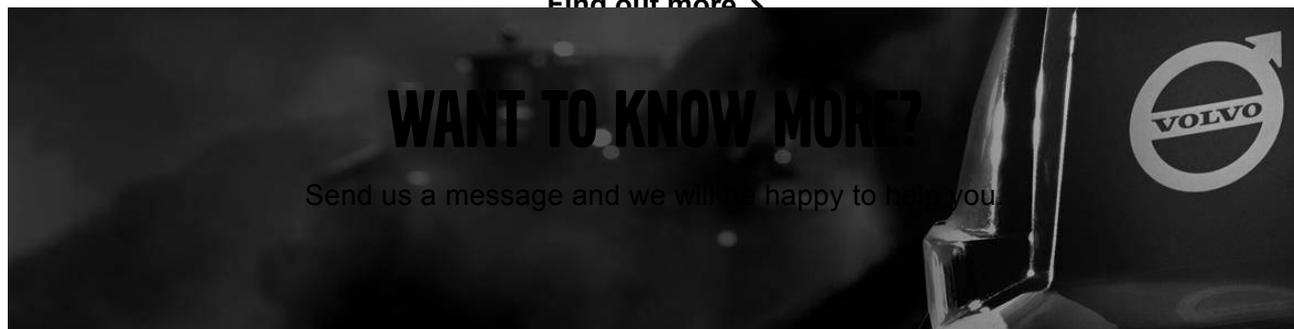
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## VOLVO EC27D EXCAVATOR

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