

**VOLVO CONSTRUCTION EQUIPMENT**  
**EXCAVATORS**



**MORE CARE. BUILT IN.**



# IN COMMAND OF POWER, PROTECTION & PROFIT.

Let's dig into what really matters: day-after-day dependability that delivers every time. When you have that, the profits follow and your business grows. Volvo Excavators have been built to be your trusted solution. They are ready to be your edge. And they will take you farther with the optimum performance, comfort, fuel efficiency and safety you demand. On tracks or on the road, you're on your way to more profit.

## **Productivity and profit go farther**

Volvo Excavators get the job done – from site levelling, trenching and excavation to demolition, truck loading and utility / piping. Each is powered by a dependable Volvo engine. You're in command of high torque performance at very low revs, for industry-leading fuel efficiency and higher profits. The advanced hydraulic system is highly responsive. Experience the Volvo edge with increased bucket speed, optional float position and a wide range of working modes.

## **Quality is built in for reliability**

Dependability is built into every Volvo Excavator. You get proven endurance out of strong booms and arms. Tracks, axles and steel undercarriage frames have been built to take on any jobsite with durability and stability. The lifetime greased and sealed track links prevent leaks and guarantee longevity. The reinforced superstructures feature double-welded corners and strong, load-bearing boom frames. Inside and out, Volvo Excavators are built to last.

## **Experience the best: Volvo comfort**

Experience legendary, industry-leading Volvo comfort. There's plenty of space for your feet and personal items. There's less noise, less vibration and controls right where you want them. An easy-to-read monitor offers real-time information. The adjustable seat supports your whole body and provides less fatigue. Volvo Excavators also offer excavator customers the highest-capacity heating and cooling ventilation system available.

## **Service made fast and easy**

Volvo Excavators are built for maximum uptime with simple maintenance and complete service access. Ground level access makes inspection and service fast. Service intervals are long and lubrication points are centralized. Inside the cab, quickly perform self-diagnostics through the monitor.

## **The protection of Volvo safety and care**

Feel confident inside the Volvo Care Cab. Controls and pedals have been designed for safe, ergonomic use. Expansive glazed surface areas provide excellent all-around visibility. The smartly positioned wiper ensures excellent visibility at all times. All steps and platforms feature anti-slip, punched steel plates. Furthermore, to improve environmental harmony, Volvo engines produce less internal/external noise, along with low emissions.





• Durability and stability



• Precision and power.






• Fast cycle times









# VOLVO – A PARTNER TO TRUST.












# SPECIFICATIONS

			
<b>Engine</b>			
<b>Rated output, at</b>	r/s (r/min)	35 (2,100)	35 (2,100)
ISO 9249/SAE J1349, net	kW (hp)	69 (93)	69 (93)
<b>Track length / track gauge</b>	mm	3,740 / 1,990	3,790 / 1,990
<b>Bucket capacity</b>	m <sup>3</sup>	0.60-0.98	0.68-1.08
<b>Lifting capacity</b>			
along undercarriage	t	3.5	3.8
at reach / height	m	6.0 / 1.5	6.0 / 1.5
<b>Breakout force, SAE</b>	kN	87.3	87.3
<b>Max. digging reach</b>	m	8.3	8.3
<b>Max. digging depth</b>	m	5.5	5.4
<b>Operating weight</b>	t	13.4-15.2	14.6-15.6

			
<b>Engine</b>			
<b>Rated output, at</b>	r/s (r/min)	32 (1,900)	33 (2,000)
ISO 9249/SAE J1349, net	kW (hp)	107 (143)	125 (168)
<b>Track length / track gauge</b>	mm	4,460 / 2,390	4,650 / 2,590
<b>Bucket capacity</b>	m <sup>3</sup>	0.83-1.55	1.1-1.98
<b>Lifting capacity</b>			
along undercarriage	t	7.1	9.1
at reach / height	m	6.0 / 1.5	6.0 / 1.5
<b>Breakout force, SAE</b>	kN	130.4	156.9
<b>Max. digging reach</b>	m	9.9	10.3
<b>Max. digging depth</b>	m	6.7	7.0
<b>Operating weight</b>	t	20.8-22.3	24.2-25.8

			
<b>Engine</b>			
<b>Rated output, at</b>	r/s (r/min)	28 (1,700)	30 (1,800)
ISO 9249/SAE J1349, net	kW (hp)	184 (247)	235 (316)
<b>Track length / track gauge</b>	mm	5,180 / 2,740	5,370 / 2,740
<b>Bucket capacity</b>	m <sup>3</sup>	1.6-3.0	1.73-3.78
<b>Lifting capacity</b>			
along undercarriage	t	11.3	13.8
at reach / height	m	7.5 / 1.5	7.5 / 1.5
<b>Breakout force, SAE</b>	kN	209.0	244.2
<b>Max. digging reach</b>	m	11.2	12.0
<b>Max. digging depth</b>	m	7.5	7.7
<b>Operating weight</b>	t	36.8-38.7	44.5-47.9

			
<b>Engine</b>			
<b>Rated output, at</b>	r/s (r/min)	32 (1,900)	32 (1,900)
ISO 9249/SAE J1349, net	kW (hp)	107 (143)	107 (143)
<b>Track length / track gauge</b>	mm	4,460 / 2,390	4,460 / 2,390
<b>Bucket capacity</b>	m <sup>3</sup>	0.52	0.52
<b>Lifting capacity</b>			
along undercarriage	t	3.0	3.3
at reach / height	m	10.5 / 1.5	10.5 / 1.5
<b>Breakout force, SAE</b>	kN	68.6	68.6
<b>Max. digging reach</b>	m	15.8	18.3
<b>Max. digging depth</b>	m	12.1	14.4
<b>Operating weight</b>	t	23.2	27.6

						
<b>Engine</b>						
<b>Rated output, at</b>	r/s (r/min)	33.3 (2 000)	33.3 (2 000)	30.0 (1 800)	30.0 (1 800)	31.6 (1 900)
ISO 9249/SAE J1349, net	kW (hp)	91 (122)	91 (122)	106 (142)	106 (142)	113 (152)
<b>Wheel base</b>	mm	2 600	2 600	2 600	2 600	2 650
<b>Max. travel speed</b>	km/h	20.0 / 30.0 / 35.0	20.0 / 30.0 / 35.0	20.0 / 30.0 / 35.0	20.0 / 30.0 / 35.0	20.0 / 30.0 / 35.0
<b>Bucket capacity</b>	m <sup>3</sup>	0.60 - 0.94	0.56 - 0.87	0.63 - 0.93	0.58 - 0.88	0.65 - 0.98
<b>Lifting capacity</b>						
along undercarriage	t	4.6	4.5	5.2	5.3	7.1
at reach/height	m	6.0 / 1.5	6.0 / 1.5	6.0 / 1.5	6.0 / 1.5	6.0 / 1.5
<b>Breakout force, SAE</b>	kN	89.5	89.5	98.5	98.5	111.2
<b>Max. digging reach</b>	m	9.0	9.3	9.6	9.8	9.8
<b>Max. digging depth</b>	m	5.7	5.7	6.2	6.2	6.3
<b>Operating weight</b>	t	14.4 - 15.6	14.6 - 15.8	16.4 - 17.7	16.7 - 18.0	18.0 - 19.5

\* Also available upon request with retractable undercarriage.  
For further information, see the product brochure or [www.volvo.com](http://www.volvo.com)



Volvo Construction Equipment is different. It's designed, built and supported in a different way. That difference comes from an engineering heritage of over 170 years. A heritage of thinking first about the people who actually use the machines. About how to help them be safer, more comfortable, more productive. About the environment we all share. The result of that thinking is a growing range of machines and a global support network dedicated to helping you do more. People around the world are proud to use Volvo. And we're proud of what makes Volvo different – **More care. Built in.**



*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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**[www.volvo.com](http://www.volvo.com)**

Ref. No. 30 A 100 3529 English International Region  
Printed in Sweden 2007.10 -3,0 EXC  
Volvo, Konz