



Volvo Construction Equipment

# SD130

VOLVO COMPACTORS 12.8-13.3 t 119 kW







#### **Centrifugal force**

The combination of high centrifugal force and heavy drum weight facilitates excellent compaction – allowing you to achieve material target density in fewer passes.



# Powered to perform.

Volvo SD130 is designed to deliver superior compaction. A choice of amplitude, variable frequencies, centrifugal force and heavy drum weight all combine to deliver high density levels in less time. Experience quality compaction at its best with Volvo.

## Gradeability

The Volvo traction system provides excellent climbing and traction capabilities in difficult applications such as steep inclines or slippery surfaces. The system prevents wheel or drum spin, improving gradability, performance and productivity.



## Padfoot shell

With minimal tools and equipment, the SD130 is quickly and easily converted from smooth to padfoot drum by clamping on a padfoot shell. This allows the machine to work in different applications and increases versatility.



## Drum forces

Whether you're compacting thin soil layers or thick lifts, experience superior results in all applications and material depths by simply flipping a switch and selecting high or low amplitude.



## Frequency choices

Easily adjust the vibration frequency from the operator console to compensate for changing soil types and conditions – increasing productivity and performance. Two frequency settings are standard and for even greater versatility, five choices are optional.



#### Visibility

360° visibility provides maximum safety. The machine's frame and hood have been designed to provide a superior all around view with 1 m x 1 m visibility.



# The Volvo experience.

Step inside the Volvo cab and experience low noise levels, ultimate comfort and a productive working environment. Safe, spacious and with excellent all-around visibility, operators will work efficiently with less fatigue in a Volvo compactor. See more and do more in comfort with Volvo.



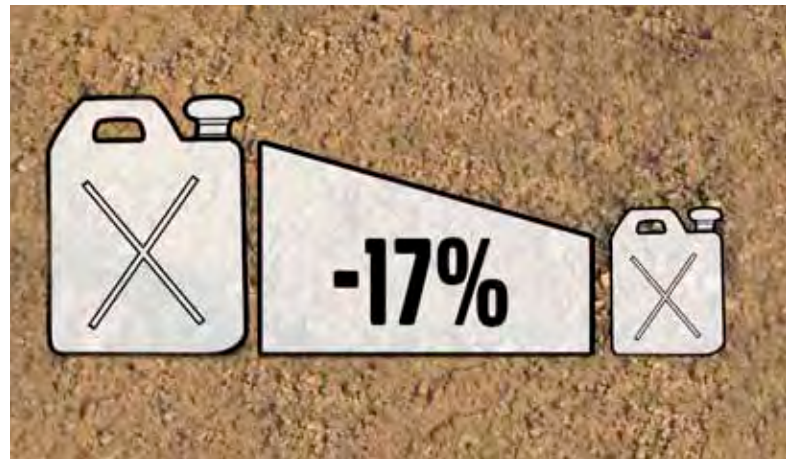
## Comfortable cab

The spacious cab offers ample storage space and leg room, ergonomic controls and a low noise levels – all adding up to more comfort and reduced fatigue.



## ECO mode

Operate in smart power mode for up to 17% reduction in fuel consumption. This efficient mode significantly reduces engine noise levels and emissions without impacting compaction performance. The operator easily switches between modes via a switch on the control panel.



## Adjustable seat

The fully adjustable seat slides and turns to enhance visibility as well as operator safety and comfort.



## CompAnalyzer

Compaction Analyzer continuously measures compaction efficiency, while recording and clearly displaying it.

# Packed with performance.



## Comfortable cab

The ROPS/FOPS certified cab provides a safe and comfortable working environment.



## Visibility

360° visibility provides maximum safety. The machine's frame and hood have been designed to provide a superior rear view.



## Drum forces

Simply select high or low amplitude depending on the application and material depth.



## Centrifugal force

High centrifugal force and heavy drum weight facilitate excellent compaction and target density in fewer passes.





#### Frequency choices

Easily change the vibration frequency from the operator console to compensate for changing soil types and conditions.



#### Easy service access.

Key service check points are grouped on one side of the compactor to ensure regular maintenance is straightforward and uptime is maximized.

#### Gradeability

The Volvo traction system provides excellent climbing and traction capabilities in difficult applications such as steep inclines or slippery surfaces.







# Adding value to your business.

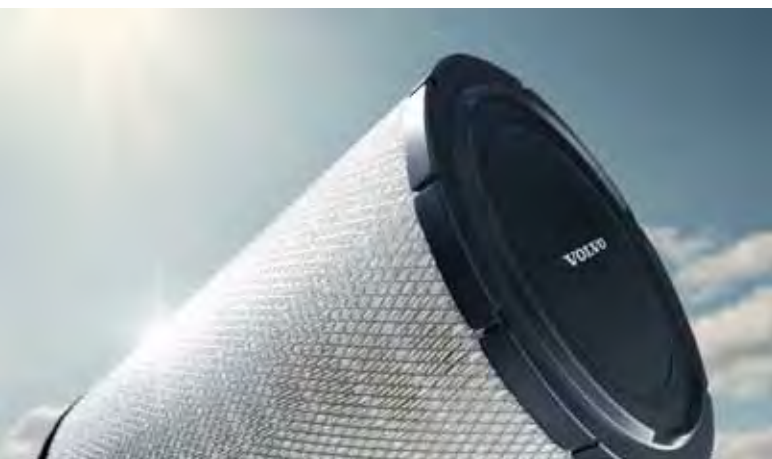
Being a Volvo customer means having a complete set of services at your fingertips. Volvo can offer you a long-term partnership, protect your revenue and provide a full range of customer solutions using high quality parts, delivered by passionate people. Volvo is committed to the positive return of your investment.



## Complete Solutions

Volvo has the right solution for you. So why not let us provide all your needs throughout the whole life cycle

of your machine? By listening to your requirements, we can reduce your total cost of ownership and increase your revenue.



## Genuine Volvo Parts

Our attention to detail is what makes us stand out. This proven concept acts as a solid investment in your machine's future. Parts are extensively tested and approved because every part is vital for uptime and performance. Only by using Genuine Volvo Parts, can you be sure that your machine retains the renowned Volvo quality.



## Service Network

In order to respond to your needs faster, a Volvo expert is on their way to your job site from one of our Volvo facilities. With our extensive infrastructure of technicians, workshops and dealers, Volvo has a comprehensive network to fully support you using local knowledge and global experience.



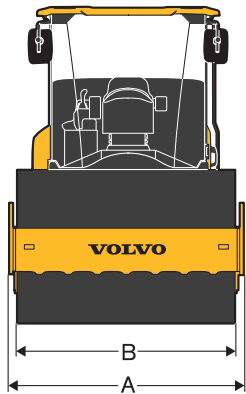
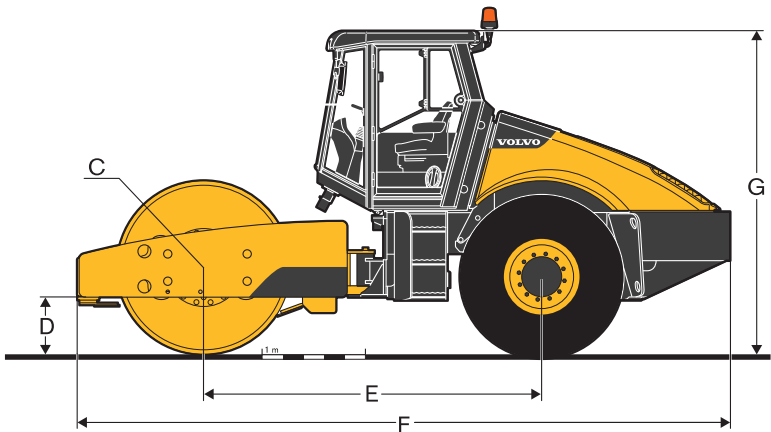
# Specifications.

Model				SD130			
				Smooth drum		Padfoot drum	
Machine Weights							
(incl. cabin and inside scraper)							
Operating Weight (CECE)		kg	12 758		13 331		
Static Weight @ Drum		kg	7 573		8 146		
Static Linear Load @ Drum		kg/cm	35,49		38,17		
Static Weight @ Tires		kg	5 185		5 185		
Shipping Weight		kg	12 521		13 094		
Machine Dimensions							
Length		mm	5 895		5 895		
Width		mm	2 286		2 286		
Height		mm	3 091		3 146		
Wheelbase		mm	3 100		3 100		
Curb Clearance		mm	483		483		
Inside Turning Radius (to drum edge)		mm	3 463		3 463		
Drum							
Width		mm	2 134		2 134		
Diameter		mm	1 500		1 500		
Shell Thickness		mm	30		30		
Diameter Over Pad Feet		mm	-		1 753		
Number Of Pad Feet			-		120		
Pad Height		mm	-		127		
Pad Tip Area		cm <sup>2</sup>	-		125		
Vibration							
Frequency - Max		High Ampl	Hz	31,2		27,5	
		Low Ampl	Hz	33,7		33,7	
Centrifugal Force - Max		High Ampl	kN	281		293	
		Low Ampl	kN	206		284	
Nominal Amplitude		High	mm	1,9		2,03	
		Low	mm	1,17		1,31	
Propulsion							
Type System		Hydrostatic, two-speed motors on planetary axle and drum drive / No-Spin® differential					
Tire Size		23,1 x 26 – 8PR R3			23,1 x 26 – 8PR R1		
Drum Drive							
Travel Speed		High	km/h	0 - 10,3		0 - 12,7	
		Low	km/h	0 - 4,3		0 - 4,5	
Engine							
Make & Model							
Engine Type		Turbocharged 4-cylinder					
Rated Power		kW (HP)		119 (162) @ 2 200 rpm			
Exhaust Emission		Tier 3, Stage IIIA					
Electrical System		12V, 95A alternator, two 750 CCA batteries					
Brakes							
Service		Service Dynamic hydrostatic through propulsion system					
Parking		Parking Spring-applied. hydraulically released on axle and drum drive motor					
Miscellaneous							
Articulation Angle					+/- 38°		+/- 38°
Oscillation Angle					+/- 17°		+/- 17°
Fuel Capacity		l		257		257	
Hydraulic Oil Capacity		l		84		84	
Gradeability (theoretical)		%		65		60	

Product improvement is a continuing goal at Volvo. Designs and specifications are subject to change without notice or obligation.



# Equipment.



Dimensions				
			Smooth drum	Padfoot drum
SD130				
A	Machine Width	mm	2 286	2 286
B	Drum Width	mm	2 134	2 134
C	Rolling/Drum Radius	mm	755	851
D	Curb Clearance	mm	483	567
E	"Wheel" Base	mm	3 100	3 100
F	Overall Length	mm	5 895	5 895
G	Height with Cab	mm	3 091	3 146

## SELECTION OF VOLVO OPTIONAL EQUIPMENT

**Padfoot drum**



**Auto vibe package**



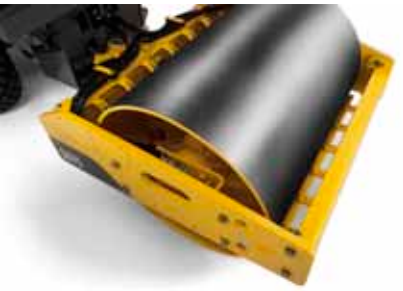
**Diamond tread and traction tire**



**Road lights**



**Inside scraper**



**Compaction gauge**



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**

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[www.volvocce.com](http://www.volvocce.com)