

V O L V O

SD110



Power Through Every Layer, Build Success with Every Pass

Volvo Soil Compactor

Engineered to Maximize Your Productivity

Volvo Construction Equipment



The Road to Smarter Compaction

When you're building roads that need to last, every layer counts. The Volvo **SD110** delivers superior compaction with advanced technology and features that keep you efficient and productive shift after shift. Built with the operator friendly controls, helps you get the job done faster — with better results.

Powerful & Efficient Performance



More Power, Less Fuel

The powerful Volvo Eicher Engine E494 (74 kW, CEV V Compliant) offers upto 10% better fuel efficiency, reducing costs without compromising performance.



Eco-Friendly Emissions

Advanced DOC+DPF+SCR+ASC system ensures compliance with the latest environmental regulations while improving machine performance.

Work Smarter and Harder



Stay Comfortable

The vibration-resistant seat and spacious platform minimize fatigue during long shifts.



Clear Visibility

The headlight mounting bracket offers enhanced illumination for safer and more effective nighttime work.



Precision in Your Hands

Ergonomic controls ensure smoother operation with less operator effort.



Safety at Every Step



Operator Presence Switch

Automatically shuts down the engine after 5 seconds if the operator leaves the seat — improving safety and preventing accidental operation.



3-Point Contact Handrail

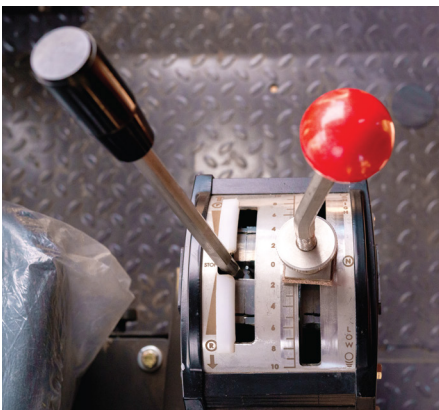
Ensures the operator to have maximum stability and support for safe access.



Heavy-Duty Sunroof with ROPS

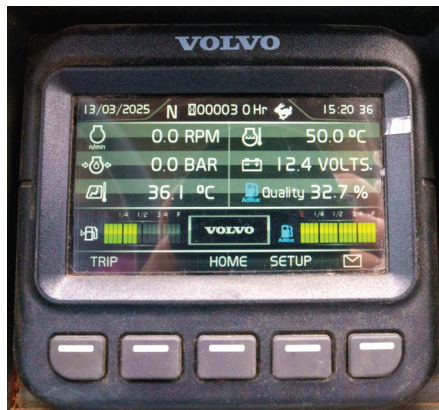
Provides enhanced protection in challenging conditions for operator

Features That Drive Results



Customizable Compaction

Infinitely variable vibration (0 to 30Hz) gives you total control over your compaction results.



Onboard 4.3" Color Display

Advanced diagnostics, fuel monitoring, and service reminders keep your machine running optimally.



Compaction Gauge

Measures material stiffness during compaction, providing real-time data to operator for efficient compaction.

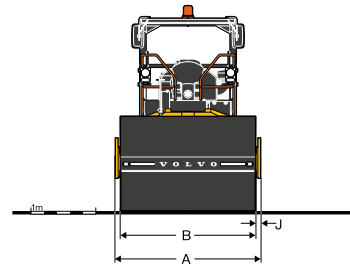
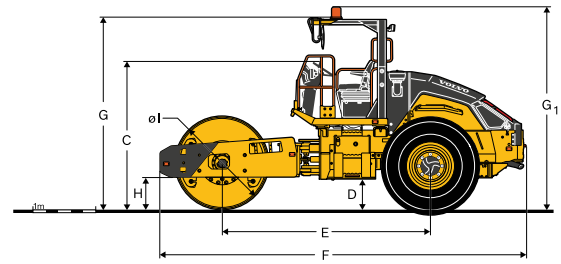
Specifications

Model	SD110D2		SD110DD
Drum Type	Smooth		
Machine Weights			
Operating Weight (CECE)	kg	11150	11250
Static Weight @ Drum	kg	6030	6130
Static Weight @ Tyres	kg	5120	5120
Shipping Weight	kg	11000	11060
Drum			
Width	mm	2134	
Diameter	mm	1500	
Shell Thickness	mm	25	
Vibration			
Frequency	Hz	0 - 30	
Centrifugal Force	High Amp	kN	243
	Low Amp	kN	130
Nominal Amplitude	High Amp	mm	1.9
	Low Amp	mm	1.0
Propulsion			
Type	Hydrostatic		
Tires	23.1 x 26 VRC 18-R3 8PR TL		
Drum drive	-		Single speed motor with planetary gear drive
Travel Speed			
High	km/h	0-12	0-11
Low	km/h	0-6	0-5
Engine			
Make / Model	VECV, E494 TCI-HPCR CEV STAGE V		
Engine Type	Turbo charged Inter cooled		
Rated Power @ 2 200 r/min	kW	74kW	
Electrical System			
Voltage (Negative ground)	Volt	12	
Alternator	A	90	
Batteries	CCA	750	
Brakes			
Service			Hydrostatic
Parking / Secondary	Spring-applied, hydraulically released on axle		Spring-applied, hydraulically released on axle and drum
Miscellaneous			
Articulation Angle (Plus/Minus)	°	40	
Oscillation Angle(Plus/Minus)	°	17	
Inside turning radius	mm	3850	
Fuel Capacity	l	196L	
Hydraulic Oil Capacity	l	70L	
Gradeability (theoretical)	%	26	50

STANDARD EQUIPMENT

	SD110D2	SD110DD
Engine		
Battery disconnect switch	•	•
Propulsion		
Drum drive	-	•
Operator environment		
Operator seat, steering wheel and main controls	•	•
Propulsion control lever	•	•
1 charger socket USB 5V	•	•
Roll over protective structure (ROPS)	•	•
Storage compartments	•	•
Easy to clean anti slip cab floor	•	•
Seat with Operator presence switch	•	•
2" Seat Belt	•	•
Detachable ROPS	•	•
1x1.2m Visibility	•	•
Vibration and drum system		
Variable Frequency 0 to 30 Hz, 2 Amplitudes	•	•
Electrics and electronics		
4.3" LCD Colour Display	•	•
2 cab mounted worklights, Rear	•	•
Road light	•	•
Emergency stop button	•	•
Back-up alarm	•	•
Fuel level with Sensor	•	•
Sound Level		
Sound power L(WA), guaranteed	dB(A) 107	

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.



DIMENSIONS - SD110D2, SD110DD

A	Overall width	mm	2340
B	Drum width	mm	2134
C	Steering wheel height	mm	2390
D	Ground clearance	mm	472
E	Wheel base	mm	3345
F	Overall length	mm	5875
G	Overall height (top of cab)	mm	3100
G ₁	Overall height (top of beacon)	mm	3275
H	Curb clearance	mm	510
I (Φ)	Drum Diameter	mm	1500
J	Side clearance	mm	103

OPTIONAL EQUIPMENT

	SD110D2	SD110DD
Electrics and electronics		
Strobe Lamp	•	•
Other		
No-Spin Axle	•	•
Compaction Gauge	•	•
High Amplitude Eccentric	•	•
Tool Kit	•	•
Hydraulic Test Kit	•	•
Cold start kit	•	•

SELECTION OF VOLVO OPTIONAL EQUIPMENT

Bolt-on padfoot shell kit (SD110DD)



VOLVO CE AUTHORIZED DEALER NETWORK

Connect with our largest network of trusted dealerships across Bharat

With 19+ dealerships and 300+ outlets across Bharat, we ensure expert support is always within reach. Backed by 130+ service vehicles and over 800 dedicated service engineers, Volvo CE's authorized dealer network is committed to keeping your operations running smoothly — wherever you are.

NORTH (INDIA)

TIME EQUIPMENT PRIVATE LIMITED
Plot No. 5G and 5H,
Additional Industrial Area,
Main Mathura Road, Faridabad,
Haryana - 121 006
Coverage: Delhi-NCR, Haryana,
Uttarakhand, Uttar Pradesh (including
NCL Singrauli)
Dealer Partners: Mr. Sachin Chilana,
Mr. Vishal Parnami
Ph #: +91 98738 38862,
+91 98732 52266

Email:
sachin.chilana@timeequipment.co.in,
vishal.parnami@timeequipment.co.in

BSES INDIA PRIVATE LIMITED
N.H. 8, Ahmedabad Main Road,
Goverdhan Vilas, Udaipur-313 001.
Rajasthan
Coverage: Southern Rajasthan
Dealer Partner: Mr. Kedar Singh Rathore
Ph #: +91 98290 41246,
+91 99283 38553
Email: ksrathore@bsesindia.com,
dhrurvraj@bsesindia.com

ESDEE SOLUTECH
322, Officers Campus Extension, Vaishali
Nagar, 200 Feet Bypass, Jaipur-302012
Rajasthan Coverage: Northern Rajasthan
Dealer Partner: Mr. OP Dawar
Ph #: +91 96360 76000
Email: op.dawar@esdeesolutesh.net

PAL INFRASTRUCTURE SOLUTIONS
BS Tower, 1st Floor, AKS Colony, Patiala
Road, Zirakpur, Distt Mohali,
Punjab-140603. Chandigarh
Sewa Complex, National Highway,
Gangyal, Jammu- 180010. Jammu,
Kashmir (J&K)
Coverage: STATES of Jammu, Kashmir,
Himachal Pradesh, Punjab and
Chandigarh
Dealer Partner: Mr. Nishant Luthra
Ph #: +91 98110 42580,
+91 70870 36541
Email:
nishantluthra@luthragroup.net,
sales.palinfra@luthragroup.net

EAST (INDIA)

INFRA EQUIP PVT. LTD.
Sahajori GT Road (NH-2), PO Bhitiya, PS
Bawada, Dhanbad - 828 109. Jharkhand
Coverage: STATE of Jharkhand
Dealer Partner: Mr. Dinesh Pandey,
Mr. Naren Pandey
Ph #: +91 62068 03435,
+91 70701 92510, +91 70701 92500,
Email: dineshpandey@infraequip.com,
npandey@infraequip.com

POLLUTECH ENGINEERING
S, 3/18, Sector, A Zone B, Mancheswar
Industrial Estate, Bhubaneswar-751010.
Odisha
Coverage: STATE of Odisha
Dealer Partner: Mr. Dilip Kumar Tripathy
Ph. #: +91 95830 72667;
+91 77350 65864
Email: dilip.pollutech.in

SUCHITA EARTHMOVING SOLUTIONS
No. 158, Golden Heights, 6th floor,
Reliance Trends Building, Near Central
Mall, G.S Road, Christianbasti, Guwahati -
781005. Assam
Coverage: STATES of Assam, Tripura,
Meghalaya, Nagaland, Mizoram,
Arunachal Pradesh, and Manipur
Dealer Partner: Ms. Amita Bhuwalka
Ph #: +91 99540 89208
Email:
amitabhwalka@suchitagroup.com

SUCHITA MILLENNIUM PROJECTS
PVT. LTD. (WB)
#9, Murli Dhar Sen Lane, Kolkata-
700073. West Bengal
Coverage: States of West Bengal and
Sikkim
Dealer Partner: Mr. Raghuapati Bhuwalks
Ph#: +91 99039 50633, +91 33 2219
7951, 7952, 3183, +91 99013 70734,
+91 75960 68773
Email:
raghupatibhuwalka@suchitagroup.com

SUCHITA MILLENNIUM PROJECTS
PVT. LTD. (BH)
Khata-179, KHSERA-285, OPP. SL
Mishra Petrol Pump, Bashri Dhabalpara,
Chainpura Post Office, Begampur, PS-
Bye PASS Thanapatna City, Patna, Bihar
-800 009.
Coverage: States of Bihar
Dealer Partner: Mr. Raghuapati Bhuwalka
Ph #: +91 98013 70734,
+91 75960 68773
Email:
raghupatibhuwalka@suchitagroup.com,
santoshsingh@suchitagroup.com

WEST (INDIA)

DRS EARTHWORK PVT. LTD.
C 243, MIDC Road, T T C Industrial Area,
Pawne, Navi Mumbai,
Maharashtra - 400 073
Coverage: Northern Maharashtra
Dealer Partner: Mr.Divish Sabhlok
Ph #: +91 98997 93431,
+91 96252 02621
Email:
divish.sabhlok@drsgroupindia.com,
divishsabhlok14@gmail.com,
vishal.poria@drsgroupindia.com

NAVIN INFRA SOLUTIONS PVT. LTD.
Plot No. 444 Scheme No. 78, Part-1,
Phase II, Indore - 452010. Madhya
Pradesh.
Coverage: State of Madhya Pradesh
Dealer Partner: Mr. Navin Bhandari,
Ms. Seema Bhandari, Mr. Nilesh Bhandari
Ph#: +91 9993055503, +91 93025
55002,
+91 9302155002, +91 9300077300
Email: navinbhandari@navininfra.com,
salesco@navininfra.com,
pushpanandalumar@navininfra.com,
nileshbhandari@navininfra.com

SVP MINING TECHNOLOGIES PRIVATE
LIMITED
Ring Road No. 1, Near Sorana Bridge,
Village Sarona, Post Tatibadhi, Raipur-
492 001. Chhattisgarh
Coverage: State of Chhattisgarh
Dealer Partner: Mr. Pramod Patwardhan
Ph#: +91 99703 22222,
+91 84350 05500
Email: pramod@svpgroup.net

TEAM ENGINEERS
Karan Samrudhi Survey No.5, Shogini,
Karan Samrudhi, Nawale Bridge,
Ambegaon (9)
Pune - 411 046. Maharashtra
Coverage: Southern Maharashtra and Goa
Dealer Partner: Mr. Ajit Bafna, Mr.
Shridhar Bhat, Mr. Anand Rajore
Ph #: +919370 145680,
+91 93701 45660, +91 98220 33202
Email: ajit@teamengineers.co.in,
srb@teamengineers.co.in,
anand.rajore@teameng.co.in

WEST INDIA EQUIPMENT'S PVT. LTD.
Survey No.: 109/129, Opp. Gokuldharm
Society, Near Ford Service Centre,
Santhipura-Sanand Highway, Ulariya,
Ahmedabad-382 210. GUJARAT
Coverage: STATE of Gujarat, Dadra and
Nagar Haveli, Daman and Diu
Dealer Partner: Mr. Jesal Suresh Vora,
Mr. Aashish Khurana
Ph #: +91 98256 09097;
+91 98795 35995
Email: jesal.vora@gmail.com,
jesal@westindiaequip.com,
Khurana.aashish@gmail.com

SUCHITA EQUIP PVT. LTD.
Flat No.: 262/1, NH-8, Highway Road,
Behind Saat Hanuman Temple,
Rudra Transport Nagar
Rajkot. District: Rajkot
Gujarat - 360 003
Dealer Partner: Mr. Raghuapati Bhuwalka
Mr. Samar Bals-CEO
Ph #: +91 99039 60630
Email: samarbais@suchitagroup.com

SOUTH (INDIA)

ADVANCED CONSTRUCTION
TECHNOLOGIES PVT. LTD
No.5/55, Kuthambakkam Village, Post
Forest Range Road, Chettipadu,
Poonamallee Taluk, Thiruvallur Dist.,
Chennai-602 107. Tamil Nadu
Coverage: State of Tamil Nadu,
Pondicherry, Andaman Nicobar,
Lakshadweep Islands
Dealer Partner:
Mr. Siddarth Raman
Ph #: +91 98847 57350
Email: siddarth.raman@actind.com

ENCORE HEAVY MACHINERY PRIVATE
LIMITED
#259, 1st Cross, 4th Phase, Peenya
Industrial Area, Bangalore 560 058.
Karnataka
Coverage: State of Karnataka
Dealer Partner: Mr. H Vinayak Nayak
Ph#: +91 80 29734009;
+91 78999 03813
Email: vinayak@encorece.in

PACT MACHINES PRIVATE LIMITED
Door No. VII/267 A, Malikampeedika,
Alangad P.O., Ernakulam District, Aluva -
683 511. COCHIN, Kerala
Coverage: STATE of Kerala
Dealer Partner: Mr. Siddarth Raman
Ph#: +91 99959 22350
Email:
siddarth.raman@pactmachines.com

RAMANAND POWER SYSTEMS PVT.
LTD. - (TS)
Door No: 8-2-269/3-82, Plot No. 82,
Road No. 3, Sagar Society, Banjara Hills,
Hyderabad-500 034. Telangana
Coverage: State of Telangana
Dealer Partner: Mr. Rama Rao,
Mr. Anand Anumolu,
Mr. Nagarjuna Mandava
Ph#: +91 98451 50173,
+91 94920 54224, +91 9990 975051
Email: sreeram@ramanand.co.in,
anand@ramanand.co.in,
nagarjuna@ramanand.co.in

RAMANAND POWER SYSTEMS PVT.
LTD. (AP)
Door No 40-3-181, First Floor, B-Block,
Rajeswari Nilayam, KS Ramarao Street,
Moghalraipuram, Vijayawada, Andhra
Pradesh- 520010
Coverage: State of Andhra Pradesh
Dealer Partner: Mr. Rama Rao,
Mr. Anand Anumolu,
Mr. Nagarjuna Mandava
Ph#: +91 98451 50173,
+91 94920 54224, +91 9990 975051
Email: sreeram@ramanand.co.in,
anand@ramanand.co.in,
nagarjuna@ramanand.co.in

INTERNATIONAL

A B CONSTRUCTIONS LIMITED
Plot No. 22, Rob Super Market (5th
Floor), Gulshan-2, Gulshan, Dhaka, PO:
1212, Bangladesh
Dealer Partner: Mr. Mursalin Ahmad
Ph#: +880 1711-207295
Email: mursalin@abcl.com.bd

DAX ENGINEERING CO. (PVT.) LTD.
No 179/7, Wanaguru, Mawatha,
Hokandara South, Hokandara, Sri Lanka.
Postal Code-10118
Dealer Partner: Mr. Wijayasinghe
Ph#: +94 7142 73900,
+94 714273920
Email: wije@daxholdings.lk

EXPLORE EARTH MOVERS PVT. LTD.
Chakupat, Patan Dhoka, Panchakanya
Bhawan, Patan, Lalitpur, Nepal.
GPO-44600
Dealer Partner: Mr. Sushil Shrestha,
Mr. Udeep Shrestha
Ph#: +977 985 1107251,
+977 980 2055155
Email: sushil@exploreintl.com,
udeep@panchakanya.com

RIWANG HEAVY EQUIPMENT AND
SERVICES
Riwang Building, Simtokha, Thimphu,
Post Box 1132, Bhutan
Dealer Partner: Mr. Rinzy Wangchuk
Ph#: +97 517111965
Email: rinzy@riwangs.com

SOLUTION ENGINEERING LTD.
#201/206, Nasirabad Industrial Area,
Chittagong 4210. Bangladesh
Dealer Partner: Mr. Rashed Chowdhury
Ph #: +880 1819312618
Email
rashed.chowdhury@sel-pti.com.bd