

Item #356

Volvo DD120C Asphalt Compactor

Vendor Contact Information:

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Model: Volvo DD120C Asphalt Compactor Description Article

Description	Article
Volvo DD120C Asphalt Compactor	DD120C
HF: 2 Amplitude	DD16002
Std Wipers Inside and Out	DD13003
Winter. Drum Spray Water Pump	DD17002
NA Engine	DD39201
Standard Hood Selection	DD39301
Premium Seat	DD42007
Standard ROPS/FOPS	DD48003
Back up alarm	DD51001
Infrared Temperature Sensor	DD53002
Strobe	DD59804
Halogen, 4 Lights	DD59902
English Manual	DD74025
North American Decals	DD89128
Lifetime Frame	DD89801

DD110C, DD120C, DD140C

Volvo Double Drum Compactors 11.0-13.8 t / 24,300-30,500 lb 148 hp



A passion for performance

At Volvo Construction Equipment, we're not just coming along for the ride. Developing products and services that raise productivity – we are confident we can lower costs and increase profits for customers around the globe. Part of the Volvo Group, we are passionate about innovative solutions to help you work smarter – not harder.

Helping you to do more

Doing more with less is a trademark of Volvo Construction Equipment. High productivity has long been married to low energy consumption, ease of use and durability. When it comes to lowering life-cycle costs, Volvo is in a class of its own.

Designed to fit your needs

There is a lot riding on creating solutions that are suited to the particular needs of different industry applications. Innovation often involves high technology — but it doesn't always have to. Some of our best ideas have been simple, based on a clear and deep understanding of our customers' working lives.





You learn a lot in 180 years

Over the years, Volvo has advanced solutions that have revolutionized the use of construction equipment. No other name speaks Safety louder than Volvo. Protecting operators, those around them and minimizing our environmental impact are traditional values that continue to shape our product design philosophy.

We're on your side

We back the Volvo brand with the best people. Volvo is truly a global enterprise, one that is on standby to support customers quickly and efficiently – wherever they are.

We have a passion for performance.

A strong, dedicated, capable dealer network

Our dealers are strategically located throughout North America to provide the equipment you need and the parts and service support you demand for a productive and profitable operation. The strength of our dealer network is enhanced with extensive individualized product support training at our best-in-class Customer Center in Shippensburg and through hands-on training. Using a great Product Demonstration Center featuring a dedicated area for most commons applications, visitors operate equipment from our entire product line under a variety of simulated working conditions. This facility is in year-round use by our dealers and customers.

Building the best starts right here.

The products designed and manufactured by Volvo Construction Equipment have their beginnings at the most advanced Research & Design centers in the industry. Volvo CE machines are designed in 11 R&D centers and produced in 15 manufacturing facilities across the world.

The major R&D center and manufacturing plant in the Americas is located in Shippensburg, Pennsylvania. This facility has been in operation for over 30 years and — with its recently added 200,000 sq. ft. expansion — now covers 570,000 sq. ft. on an 80 acre campus. Dedicated work teams and highly advanced technologies and techniques using the Volvo Production System ensure continuous quality improvements, labor savings and cost control to reach the high quality that our customers have come to expect from Volvo.



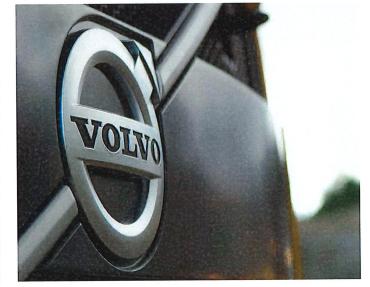


















Renault Trucks



Mack Trucks



UD Trucks



Volvo Buses



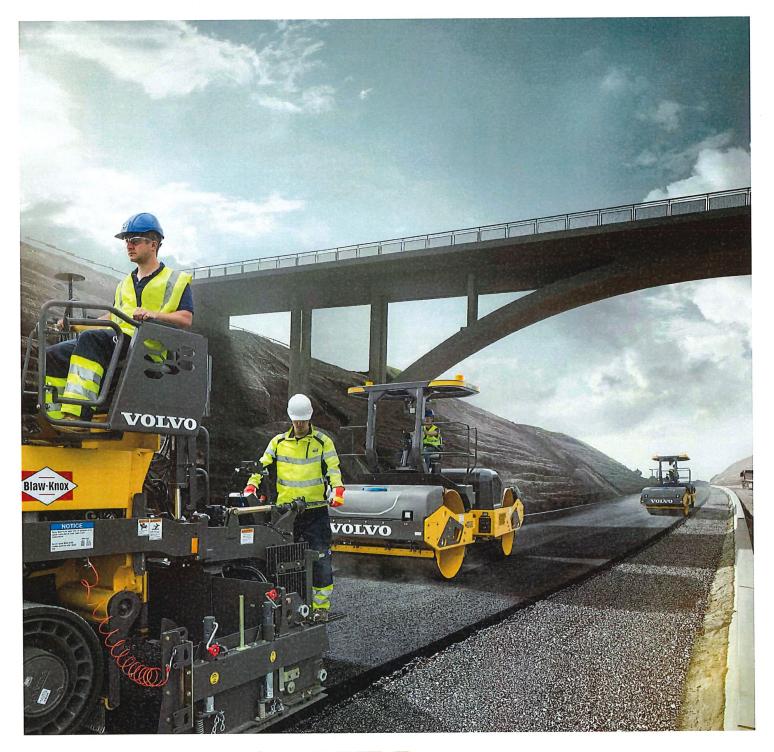
Volvo Construction Equipment



Volvo Penta



Volvo Financial Services



BIG PROJECTS, BIG PERFORMANCE

Big projects demand a big performance and the DD110C, DD120C and DD140C drum vibration system delivers the power and efficiency required to achieve optimum compaction results. Rely on the advanced drum control systems to deliver a smooth, high quality finish.

Perfecting performance

Our next generation of compactors provide you with a smooth, high quality finish for ultimate performance while optimizing fuel efficiency. With the superior drum vibration system and high centrifugal force, the C-Series asphalt compactors achieve more work in fewer passes. Unobstructed visibility, operator comfort and auto-reversing eccentrics enhance productivity, making the compactors ideal for large-scale projects.

More work, fewer passes

Achieve target density with the Volvo C-Series compactors, which combine high centrifugal force and 8-amplitude option*, so you can do more work in fewer passes. Ensure high quality compaction thanks to the advanced Volvo drum vibration system, designed to diminish start up power consumption for optimum performance. Enhance pavement rideability with auto-reversing eccentric rotation. *standard for DD110C



Comfortably productive

Take on challenging conditions from the comfort and safety of the ROPS/FOPS platform, packed with productivity-enhancing features to keep the operator fresh, alert and focused. The operator environment offers noise and vibration isolation as well as ample storage and legroom, while easy-to-reach controls optimize productivity.



Unobstructed visibility

Maximize safety with the C-Series compactors from Volvo, boasting impressive all-around visibility of the work zone and surroundings. The 180° rotating console and adjustable seat offer a commanding view of the jobsite, as well as unobstructed sightlines of the drum edges for rolling precision combined with full width drum surface monitoring.



Drive your costs down

Keep operating costs low with the premium Volvo Tier 4 Final engine, delivering high torque at low rpm for superior performance and high fuel efficiency. The adaptive engine control system delivers optimum power for the task at hand. Reduce fuel consumption further with optional auto-idling and auto-engine shutdown features, optimizing efficiency without compromising power or performance.



Peerless productivity

The new Volvo C-Series compactors are primed with a range of intelligent features to boost productivity. Unparalleled drum-wetting is achieved with water burst mode and adjustable flow-rate via the control panel for optimal water usage. Rely on Compact Assist and the Impact Spacing Meter to ensure full functional control. Whether you're on the machine or in an office, monitor your machine to secure peerless productivity and high profits.

Productivity on tap

Boost productivity with the unique burst mode which runs water pumps and spray bars for 10 seconds, to coat the drums and prevent material pickup. A new water flow-rate calibration process allows the operator to set the minimum flow according to requirements. Optimize water use with the automatic spraying system, providing variable flow proportional to speed, for consistent drum coverage.

Target compaction

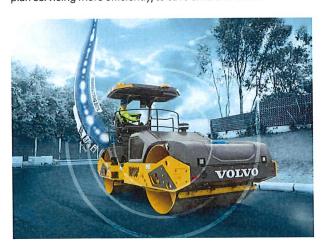
Always travel at the right speed with the Impact Spacing Meter from Volvo, designed to ensure target compaction. The colored indicators are integrated into the display and allow the operator to measure impact spacing in order to aim for optimal 'green zone' use, to ensure a smooth, uniform finish.





Machine monitoring made easy

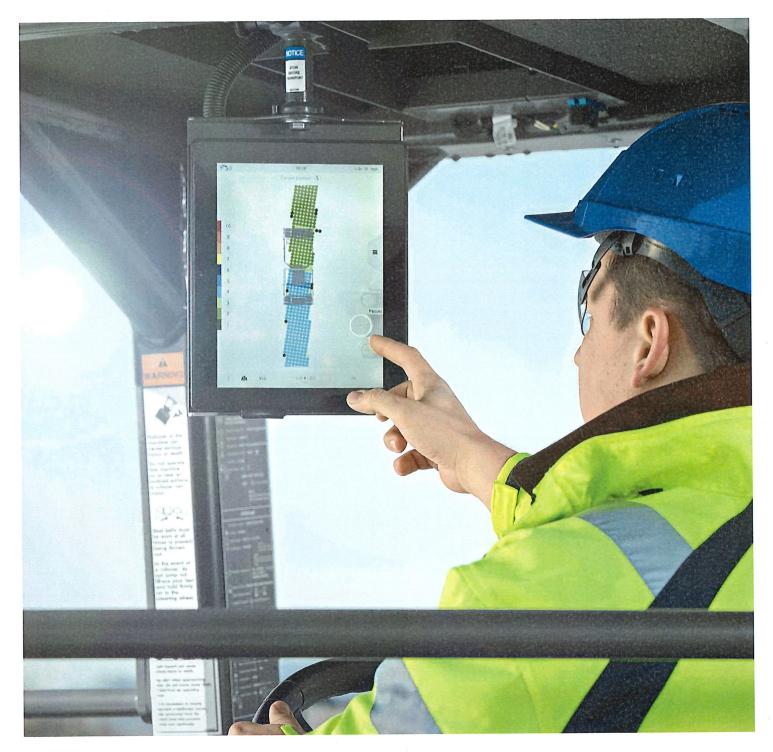
Use the new industry-leading on-board display to access real-time operational information and key diagnostics. Stay informed, receive reports and alarms with CareTrack, Volvo's telematics system. Monitor machine productivity on-board and plan servicing more efficiently, to save time and costs.



Roll with the experts

With a rich heritage of engineering excellence, you can count on Volvo Construction Equipment to design durable machines, built to work harder and longer. As road experts, our mission is to keep your machines working at the optimum efficiency and productivity required for the job. We help protect your business and your profits from the ground up.





COMPACT ASSIST

Unlock the full potential of your machine with Compact Assist, the optional Intelligent Compaction system. For an efficient job, Compact Assist offers real-time insight into the work using pass mapping and temperature mapping. When Density Direct is enabled, the operator is able to easily track density values to help eliminate any destructive over compaction.



EASY MAINTENANCE

Quickly and safely perform routine maintenance with the intelligent design of the Volvo C-Series compactors. For easy service, the industry-leading swing-up hood provides complete access to the engine and hydraulic components, and a single key accesses service hatches. To maximize uptime, fuses and relays are grouped together, and the water tank can be filled from ground level.

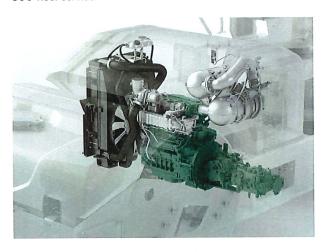
Maximize uptime

Maximize uptime with easy maintenance of the compactors. Volvo's intelligent design includes the industry-leading swing-up hood for easy service access and passive regeneration which reduces downtime. Durable design, robustly tested components, and an extensive dealer and service infrastructure combine to maximize uptime. Manage your operating costs with our Customer Support Agreements.

New mode of regeneration

Control service costs

Passive regeneration occurs in the background as filters are cleaned automatically during normal operation without any input from the operator or effect on performance. A full regeneration is carried out by technicians as part of a routine 500-hour service.



We can help support the profitability of your operation. The range of Customer Support Agreements offers preventive maintenance, total repairs and a number of uptime services. Volvo uses the latest technology to monitor machine operation and status, giving you advice to increase machine uptime. By having a Customer Support Agreement you are in control of your service costs.



Durable by design

Built to work, the durable compactor is designed to withstand the harshest conditions using high quality components with detailed engineering in mind. The robust structure features protected components and intelligent hose routing to secure machine uptime and profitability to your business. Retain Volvo quality with Genuine Volvo Parts, extensively tested because every part is vital for uptime and performance.



Here to support you

Volvo is here to support you whenever you need it. As a complete solutions provider, we listen to your requirements to ensure machine uptime and availability. With extensive dealer coverage and trained technicians, Volvo has a comprehensive network to fully support you using local knowledge and experience.



Unequaled compaction

BIG PROJECTS, BIG PERFORMANCE

Ensure high quality compaction with the advanced drum vibration system.

Drive your costs down

Maximize fuel efficiency with adaptive power, auto-idle and auto-engine shutdown without compromising performance.

Target compaction

Ensure you always vibrate at the appropriate rolling speed with Volvo's Impact Spacing Meter, for a smooth, uniform finish.

Roll with the experts

Rely on Volvo's engineering excellence to help protect your business and profits from the ground up.

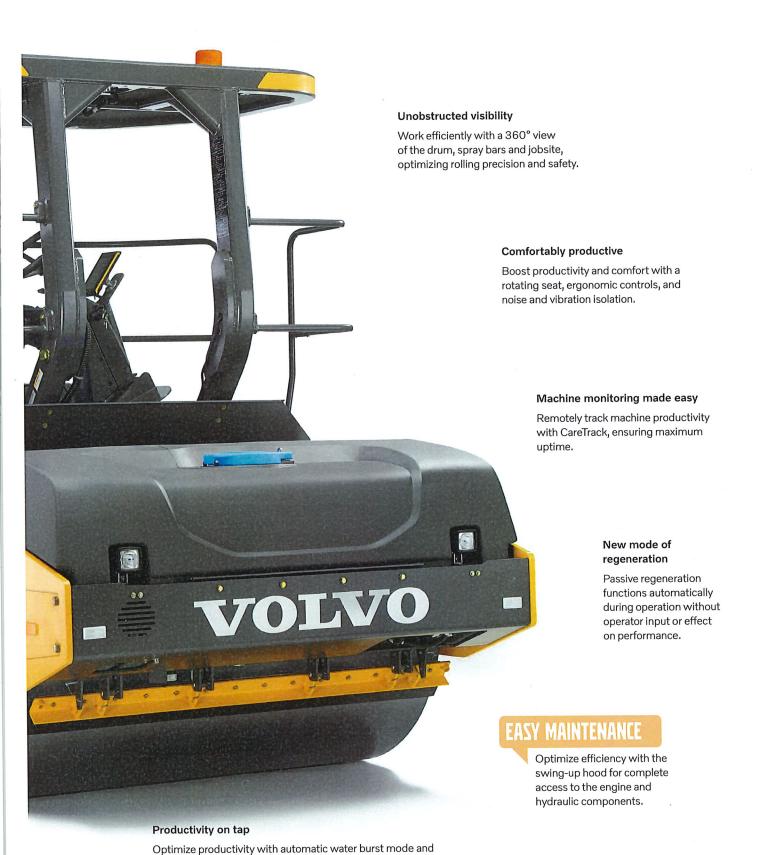
COMPACT ASSIST

Maintain consistency and achieve density targets with the intelligently designed Compact Assist, only from Volvo.



More work, fewer passes

Do more work in fewer passes and achieve target density with the high centrifugal force and the 8 amplitude option*. *standard for DD110C



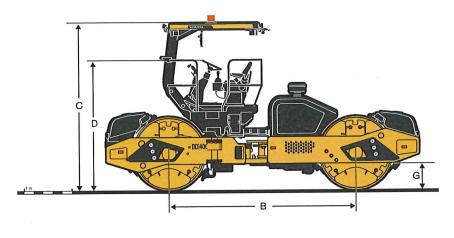
flow-rate calibration to prevent material pick-up.

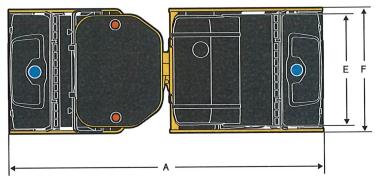
Specifications

Model			DD1	10C	DD12	20C	DD140C		
Machine weights			with open ROPS/FOPS canopy						
Operating weight ¹	kg	lb	11,045	24,355	12,565	27,700	13,828	30,486	
Weight @ front drum	kg	lb	5,841	12,880	6,684	14,735	7,328	16,156	
Weight @ rear drum	kg	lb	5,204	11,475	5,881	12,965	6,500	14,330	
Shipping weight ²	kg	lb	10,345	22,811	11,791	25,994	13,043	28,755	
Drums									
Width	mm	in	1,700	67	2,000	79	2,135	84	
Diameter	mm	in	1,300	51	1,400	55	1,400	55	
Shell thickness	mm	in	20	0.79	20	0.79	20	0.79	
Finish			ledges						
Propulsion									
Туре				Closed-l	oop hydrostatic, pa	rallel circuit to bo	th drums		
Drum drive				2-speed	axial piston motor	s with planetary g	ear drive		
Travel speed	km/h	mph	7.5-12.0	4.7-7.5	7.8-12.2	4.8-7.6	7.8-12.2	4.8-7.6	
Engine									
Make / model					Volvo D4, EP	A Tier 4 final			
Engine type				4 Cyl, El	ectronic, Turbo cha	rged CAC, EGR, [OPF, SCR		
Rated power @ 2,200 r/min	kW	hp	110	148	110	148	110	148	
Electrical	0.1 V D 0. 100 A N								
Brakes									
Service				Dyna	mic hydrostatic thr	ough propulsion s	vstem		
Parking secondary							ystern		
				Spring-	applied, hydraulic re				
Water system				,	applied, hydraulic r	elease on both dru	ım drives		
Type				,		elease on both dru	ım drives		
			8 per s	Pressure s ole spray nozzles, pray bar	applied, hydraulic r pray drum wetting Hand-serviceab 10 per s	elease on both dru system with dual le spray nozzles, pray bar	water tanks Hand-serviceab 12 per s	pray bar	
Туре			8 per s	Pressure s ole spray nozzles, pray bar Strainer at fill nec	applied, hydraulic r pray drum wetting Hand-serviceab 10 per s ks, primary filter at	system with dual le spray nozzles, pray bar each pump, fine f	water tanks Hand-serviceab 12 per s	pray bar	
Type Nozzles			8 per s	Pressure s ole spray nozzles, pray bar Strainer at fill nec	applied, hydraulic r pray drum wetting Hand-serviceab 10 per s	system with dual le spray nozzles, pray bar each pump, fine f	water tanks Hand-serviceab 12 per s	pray bar e	
Type Nozzles Filtration		gal	8 per s	Pressure s ole spray nozzles, pray bar Strainer at fill nec	applied, hydraulic r pray drum wetting Hand-serviceab 10 per s ks, primary filter at	system with dual le spray nozzles, pray bar each pump, fine f	water tanks Hand-serviceab 12 per s	pray bar	
Type Nozzles Filtration Drum wipers	1	gal	8 per s	Pressure s ble spray nozzles, pray bar Strainer at fill nec Fro	pray drum wetting Hand-serviceab 10 per s ks, primary filter at ant and rear styrene	system with dual le spray nozzles, pray bar each pump, fine f e wipers for each c	water tanks Hand-serviceab 12 per s ilter for each nozzl	pray bar e	
Type Nozzles Filtration Drum wipers Water tank capacity	1	gal	8 per s	Pressure s ble spray nozzles, pray bar Strainer at fill nec Fro	pray drum wetting Hand-serviceab 10 per s ks, primary filter at ant and rear styrene	system with dual le spray nozzles, pray bar each pump, fine f e wipers for each c	water tanks Hand-serviceab 12 per s ilter for each nozzl	pray bar e	
Type Nozzles Filtration Drum wipers Water tank capacity Miscellaneous	1	gal	8 per s 1,098	Pressure s ole spray nozzles, pray bar Strainer at fill nec Fro 290	pray drum wetting Hand-serviceabi 10 per s ks, primary filter at ont and rear styrene	system with dual le spray nozzles, pray bar each pump, fine f wipers for each o	water tanks Hand-serviceab 12 per s ilter for each nozzl drum 1,280	pray bar e 338	
Type Nozzles Filtration Drum wipers Water tank capacity Miscellaneous Articulation angle	l mm	gal	1,098 +/-40°	Pressure s ole spray nozzles, pray bar Strainer at fill nec Fro 290 + / - 40°	pray drum wetting Hand-serviceab 10 per s ks, primary filter at ant and rear styrene 1,280 +/-40°	system with dual le spray nozzles, pray bar each pump, fine f wipers for each c 338 +/-40°	water tanks Hand-serviceab 12 per s ilter for each nozzl drum 1,280 +/-35°	pray bar e 338 +/-35°	
Type Nozzles Filtration Drum wipers Water tank capacity Miscellaneous Articulation angle Oscillation angle Inside turning radius (to drum	mm		1,098 +/-40° +/-10°	Pressure s ole spray nozzles, pray bar Strainer at fill nec Fro 290 + / - 40° + / - 10°	pray drum wetting Hand-serviceab 10 per s ks, primary filter at ont and rear styrene 1,280 +/-40° +/-10°	system with dual le spray nozzles, pray bar each pump, fine f wipers for each o 338 +/-40° +/-10°	water tanks Hand-serviceab 12 per s ilter for each nozzlarum 1,280 +/-35° +/-10°	338 +/-35° +/-10°	
Type Nozzles Filtration Drum wipers Water tank capacity Miscellaneous Articulation angle Oscillation angle Inside turning radius (to drum edge)	mm	in	1,098 +/-40° +/-10° 4,025	Pressure s sole spray nozzles, pray bar Strainer at fill nec 290 + / - 40° + / - 10° 158	pray drum wetting Hand-serviceab 10 per s ks, primary filter at ant and rear styrene 1,280 +/-40° +/-10° 3,772	system with dual le spray nozzles, pray bar each pump, fine f e wipers for each c 338 +/-40° +/-10° 149	water tanks Hand-serviceab 12 per s ilter for each nozzle drum 1,280 +/-35° +/-10° 4,562	338 +/-35° +/-10°	
Type Nozzles Filtration Drum wipers Water tank capacity Miscellaneous Articulation angle Oscillation angle Inside turning radius (to drum edge) Fuel tank capacity		in	1,098 +/-40° +/-10° 4,025 162.8	Pressure s ole spray nozzles, pray bar Strainer at fill nec 290 +/-40° +/-10° 158 43	pray drum wetting Hand-serviceable 10 per sex, primary filter at ont and rear styrene 1,280 +/-40° +/-10° 3,772 199.8	system with dual le spray nozzles, pray bar each pump, fine f wipers for each c 338 +/-40° +/-10° 149 52.8	water tanks Hand-serviceab 12 per s diter for each nozzle drum 1,280 +/-35° +/-10° 4,562 219.9	338 +/-35° +/-10° 180 58.1	

¹ incl. 50% fuel, 50% water, full hyd., 75 kg / 165 lb operator

² incl. 50% fuel, no water, no operator





	DD1	10C	DD1	20C	DD140C					
		with open ROPS/FOPS canopy								
	mm	in	mm	in	mm	in				
A	5,888	232	5,973	235.2	5,973	235.2				
В	3,550	140	3,550	139.8	3,550	139.8				
С	3,135	123	3,177	125.1	3,177	125.1				
D	2,444	96	2,479	97.6	2,479	97.6				
E	1,700	67	2,000	79.0	2,135	84.0				
F	1,882	74	2,218	87.3	2,350	92.5				
G	483	19	505	19.9	505	19.9				

																707		
		DD110C					DD120C						DD140C					
Amplitude Setting				Vibration Eccen frequency forc					Vibration frequency		Eccentric force		Nominal amplitude		Vibration frequency		Eccentric force	
m		in	Hz	VPM	kN	lbf	mm	in	Hz	VPM	kN	lbf	mm	in	Hz	VPM	kN	lb
2 amplitudes																		
High Amplitude (Low frequency)	-	-	-	-	-	-	0.89	0.0349	50	3,000	187	42,070	0.88	0.0346	45	2,700	186	41,720
Low Amplitude (High frequency)	-	-	-	-	-	-	0.36	0.014	66.7	4,000	134	30,020	0.35	0.0139	66.7	4,000	163	36,680
8 amplitudes																		
1	0.25	0.010	63,33	3,800	72.2	16,240	0.38	0.0149	56.7	3,400	102.2	22,980	0.33	0.0129	53.3	3,200	97.0	21,810
2	0.29	0.011	63.33	3,800	81.4	18,290	0.40	0.0157	56.7	3,400	108.2	24,330	0.35	0.0137	53.3	3,200	103.4	23,240
3	0.36	0.014	63.33	3,800	102.7	23,090	0.46	0.018	56.7	3,400	123.6	27,780	0.40	0.0159	53.3	3,200	119.4	26,850
4	0.45	0.018	63.33	3,800	127.4	28,640	0.53	0.0208	56.7	3,400	142.8	32,110	0.47	0.0185	53.3	3,200	139.4	31,340
5	0.53	0.021	63.33	3,800	150.1	33,750	0.60	0.0235	56.7	3,400	161.5	36,310	0.54	0.0211	53.3	3,200	158.6	35,660
6	0.59	0.023	63.33	3,800	168.0	37,760	0.65	0.0257	56.7	3,400	176.7	39,720	0.59	0.0231	53.3	3,200	174.1	39,150
7	0.63	0.025	63.33	3,800	179.3	40,300	0.69	0.0271	56.7	3,400	186.5	41,920	0.62	0.0245	53.3	3,200	184.1	41,400
8	0.64	0.025	63.33	3,800	183.1	41,170	0.70	0.0276	56.7	3,400	189.8	42,680	0.63	0.0249	53.3	3,200	187.6	42,170

Equipment

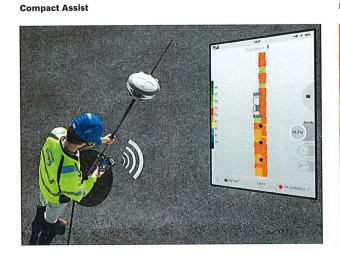
	DD110C	DD120C	DD1400
ingine			
Battery disconnect switch	•		•
V-belt protection	•	•	•
Operator environment			
Open ROPS/FOPS canopy	•		•
Operator seat, steering wheel and main controls: rotating +/- 90°	•	•	•
Propulsion control lever	•		•
Adjustable steering wheel	•	•	•
2 charger sockets 12V	•		•
Anti-slip cab floor, easy to clean	•	•	•
Cup holder			
Seat switch with timer delay	•	•	•
Three-point seat belt			
Seat belt alarm	•	•	•
ibration and drum system			
Auto vibration	•		
Selectable vibration: front, rear, both	•	•	•
2 frequencies, 2 amplitudes	-	•	•
8 amplitudes	•	-	-
Electrics and electronics			
4 Halogen work lights in frame (2 on each bumper)	•	•	•
Permanent wetting system water level display	•	•	•
Permanent fuel level display	•	•	•
Information display:	•	•	•
- Fluid temperatures	•	•	• 6
- Engine speed	•	•	•
- Vehicle speed		•	•
Impact meter	•	•	•
Emergency stop button		•	
Water system			

OPTIONAL EQUIPMENT			
	DD110C	DD120C	DD140C
Vibration and drum system			
8 amplitudes	-	•	
Electrics and electronics			
4 LED frame lights			
4 LED frame lights and 4 LED canopy lights	•	•	•
Drum Edge, Surface, and Step Lights	•	•	•
Light ready kit	•	•	•
4 frame Halogen lights	•	•	
Rotating beacon	•	•	•
Back up alarm	•	•	•
Compact Assist	•	•	• '
Compact Assist with Density Direct		•	
CareTrack	•	•	•
Caretrack Anti-theft	•	•	•
Asphalt temperature gauge kit	•	•	•
Structure			
Special paintwork			•
Biodegradable hydraulic oil	•	•	•
Other			
Cocoa Mats	•	•	
Auto-idle shutdown	•	•	•
Fuel Strainer			•
Maintenance Package	-	•	•
Metric Tool Kit			•
Fire Extinguisher mounting bracket	•	•	•

SELECTION OF VOLVO OPTIONAL EQUIPMENT

LED Lights (4 or 8) and rotating beacon





Auto-idle / Auto-engine shutdown



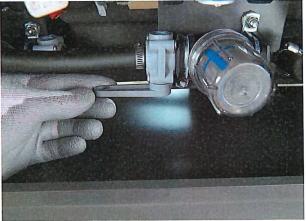
Air pre-cleaner



Eight-amplitude (standard for DD110C)



Quick drain freeze prevention



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 Construction Equipment

www.volvoce.com



Volvo Construction Equipment North America

Warranty – Disclaimers – Limitations Limited Warranty

Volvo Construction Equipment North America ("Volvo CE") hereby extends to its authorized dealers ("Dealer") and the Dealer's end-use customers ("Customer", and both Dealer and Customer are referred to herein as a "Buyer"), who purchase a new Volvo construction equipment machine ("Machine") or new Volvo part ("Part", both of which are referred to herein as a "Product") from Volvo the following limited warranty:

Subject to the exceptions and limitations set forth below, Volvo CE or Dealer will repair or replace any part of a new Machine or new Part which proves to be defective in material or workmanship during the following periods (the "Warranty Period"):

Volvo wheel loaders: 12 months/2500 hours, whichever first occurs Volvo articulated haulers: 12 months/2500 hours, whichever first occurs Volvo hydraulic excavators: 12 months/2500 hours, whichever first occurs

Volvo motor graders: 12 months/2500 hours, whichever first occurs Volvo compactors: 12 months/2500 hours, whichever first occurs 24 month unlimited hours on DD90 and larger compactors Volvo pavers: 12 months/2500 hours, whichever first occurs

24 month unlimited hours on 6000 / 7000 series pavers Volvo milling: 12 months/2500 hours, whichever first occurs

Volvo compact wheel loaders (up to 100 net hp.): 12 months/unlimited hours Volvo skid steer loaders: 12 months/unlimited hours; Lifetime arm for one-sided

Volvo compact hydraulic excavators (less than 11 metric tons): 12 months/unlimited hours

Volvo backhoe loaders: 12 months/unlimited hours

Volvo engines: 12 months/2500 hours, whichever first occurs Volvo parts: 6 months/1500 hours, whichever first occurs

Volvo remanufactured components: 12 months/2500 hours, whichever first occurs

Volvo Attachments: 12 months

The Warranty Period commences immediately following the delivery of said Product to the Buyer who first puts said Product into use. The foregoing limited warranty shall include the labor cost to accomplish the repair or replacement of the defective part provided that the repair or replacement was performed by a Dealer.

不是一个,我们是一个,我们也是一个,我们也是一个,我们也是一个,我们也是一个,我们也是一个,我们也是一个,我们也是一个,我们也是一个,我们也是一个,我们也是一个, 第二个是一个,我们也是一个,我们也是一个,我们也是一个,我们也是一个,我们也是一个,我们也是一个,我们也是一个,我们也是一个,我们也是一个,我们也是一个,我们也

The foregoing warranty does not cover: (i) any Product found to have been damaged by abuse, accident, other casualty or a failure to maintain or use the warranted Product in accordance with the applicable manuals or instructions (Buyer is required to use only original equipment manufacturer filters during the Warranty Period); (ii) the labor costs to repair or replace defective Parts after the expiration of the Warranty Period of the Machine in which such Part is located; (iii) overtime labor premiums; (iv) costs and expenses associated with the transportation of Dealer's service personnel to and from the location of the warranted Product; (v) any parts, components, attachments or accessories for which Buyer receives a separate warranty by the manufacturer or producer thereof (in specified cases said warranty may be administered by Volvo CE); (vi) maintenance items or ground engaging parts that have achieved their normal service life.

DISCLAIMER OF IMPLIED WARRANTIES AND LIMITATION OF REMEDIES

THE FOREGOING WARRANTY TO BUYER IS EXCLUSIVE AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

REMEDIES AVAILABLE TO BUYER ARE LIMITED TO MAKING A CLAIM UNDER THE FOREGOING WARRANTY AND ARE EXCLUSIVE AND EXPRESSLY LIMITED TO OBTAINING THE PARTS AND LABOR IN ACCORDANCE WITH THE TERMS OF SAID WARRANTY.

21D1001547 REV. 02/2013

Warranty — Disclaimers — Limitations

LIMITATIONS OF LIABILITY AND DAMAGES

Regardless of whether a claim against Volvo CE or Dealer is based on the foregoing warranty or is an action in contract, tort (negligence or strict liability) or otherwise, their respective liability for losses, damages or expenses of any kind arising from the design, manufacture, repair or sale of the Products is limited, unless otherwise probibited by law, to an amount not exceeding the cost performing the obligations contained in the foregoing warranty, and no event shall their respective or joint liability exceed the value of the Product or part thereof giving rise to such liability.

CONSEQUENTIAL AND SIMILAR DAMAGES NOT RECOVERABLE

Except for performing the obligations of the foregoing warranty in accordance with its terms, Volvo CE and Dealer shall have no liability for loss, damage, or expense, dincetly or indirectly, attributable of the contract of the product of the