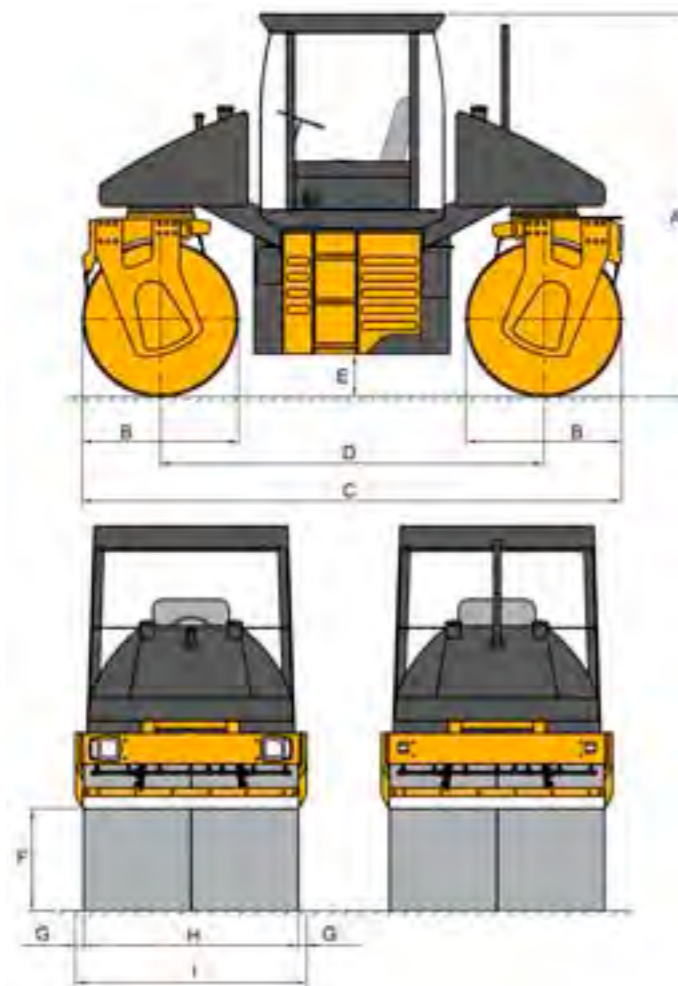


DIMENSIONS

	DD85	DD95
A	3 000	3 000
B	1 216	1 220
C	4 216	4 220
D	3 000	3 000
E	335	335
F	800	800
G	65	65
H	1 680	1 680
I	1 810	1 810



STANDARD FEATURES / OPTIONAL EQUIPMENT

Standard ● Optional ○	DD85	DD95
Anti-Slip-Control	●	●
Air Conditioning	○	○
Asphalt Temperature Indicator	○	○
Back-Up Alarm	○	○
Pass Counting	○	○
Beam Chip Spreader	○	○
Capacity level gauges (water and fuel)	●	●
Edge Compactor and Cutter	○	○
Electronic drive lever	●	●
Electronic steering	●	●
Hinged inside and outside scrapers	●	●
Pressurized water system	●	●
Radio with CD or cassette	○	○
Split drums	●	●
Spot lights for the drum	○	○
Swivel drum steering	●	●
Warning beacon	○	○
Working lights front and rear	●	●

VOLVO CONSTRUCTION EQUIPMENT

VOLVO DOUBLE DRUM COMPACTORS

DD85, DD95



Volvo Construction Equipment is different. Our machines are designed, built and supported in a different way. That difference comes from an engineering heritage of over 180 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.

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.

TRUST

TRUST noun:
 - complete confidence in a person, organization, plan, etc.
 - to rely on.

VOLVO

Volvo Construction Equipment
www.volvoce.com

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VOLVO DD85 AND VOLVO DD95

The Volvo DD85 and DD95 tandem vibrating rollers are specialists for asphalt compaction in construction of everything from small roads to highways. With the easy to operate electronic control system, they can be manoeuvred with exceptional sensitivity and precision. Drivers benefit from stable straight ahead travel, uniform cornering and the controlled offset operating mode. Thanks to the high amplitude, large layer thicknesses can be compacted with excellent result.



Outstanding performance: Volvo's precise electronic steering in action with the edge compactor attachment.

Rigid Frame Steering for Best Results

The rigid frame steering enables the operator to work in the crab mode. This means careful operation along kerbs, precise use of the edge cutter and edge compactor as well as increased area coverage.

Split drum

The split drum reduces shear forces in curves and prevents tearing of the asphalt.

Electronic control steering for outstanding compaction results

The state-of-the-art electronic steering system together with the electronically controlled travel drive means perfect control over the compactor and ensures the utmost operating comfort. The sensitive electronic control steering is a distinct advantage when working in challenging areas, e.g. at the edge of a kerb. Precise forward travel, uniform negotiation of bends and controlled offset operation are important features.

360° visibility

The allround visibility provides a good view of the drum outer edges even when travelling in offset mode.

High degree of compaction

The high amplitude means large layer thicknesses can be compacted.

Economical and low noise working conditions

The tandem vibrating roller is powered by the 60 kW diesel engine. The engine control system optimises the operation for low noise, emissions and fuel consumption.

Designed for easy maintenance

With easy access to everyday maintenance points like engine filling nozzle, tank nozzle and oil drain tube. The controls for the steering and travel drive and the electric circuits are easily accessible in the cab.

Top notch operator environment

The steering column is tiltable and the driver's seat is slideable to the left and right to enhance visibility in different operating modes. Several easy access storing spaces make long work shifts easier.

Designed for a long service life

The vibration, central bearings and flyweights are all lubricated with oil. On the hydraulic travel drive, a drive motor with a large four-point bearing ensures a long service life.

High precision beam chip spreader

On certain materials like stone mastic, the surface layer is spread with chips to improve skid resistance.

The Volvo beam chip spreader generates precise working results.



PassCounting

The PassCounting system monitors the roller's position via GPS and indicates the number of passes per track, which helps using the roller more efficiently and achieving uniform compaction results.



SPECIFICATIONS

Model		DD85	DD95
Machine Weight			
Operating Weight (EN 500-1)	kg	8 750	9 650
Static Weight @ Drum	kg	4 375	4 825
Static Linear Load	kg/cm	26,0	28,7
Shipping Weight	kg	8 260	9 160
Drum			
Width	mm	1 680	
Diameter	mm	1 220	
Vibration			
Frequency	Hz	40 / 50	
Centrifugal Force	high / low	kN 82 / 67	
Nominal Amplitude	high / low	mm 0,69 / 0,36	
Vibrating Drums		front only / rear only / both	
Propulsion			
System Type		Hydrostatic	
Speed - forward & reverse	km/h	9,2	
Gradeability (theoretical)	with Vibration / without Vibration	% 36 / 44	% 32 / 39
Engine			
Make & Model		TD 2011 L04 W	
Rated Power	kW	63	
Exhaust Emission		COM III / EPA III	
Brakes			
Service		Hydrostatic	
Parking/Secondary		Spring loaded parking brake (emergency brake release with hand pump)	
Steering			
Design		electronic	
Steering Functions		front / rear / synchronized / automatic	
Articulation / Oscillation Angle	°	+/- 25 / 5	
Offset Mode	mm	1 267	
Inside turning radius (with synchronized steering)	mm	2 710	
Water System			
System		Pressurized Water System	
Pump		2 Diaphragm Pumps (Back Up pumps for emergencies)	
Displaced Volume	l/min	8,7	
Number of nozzles per drum		7	
Tank Capacity	l	820	
Filter		Primary filter and nozzle filter	
Drum Wipers		Front and rear, hinged, with constant contact pressure	
Electrics			
Battery	V	12	
Capacity	Ah	100	
Fuel & Hydraulic Oil Quantities			
Fuel Tank Capacity	l	130	
Hydraulic Oil	l	65	

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

STRENGTH

STRENGTH noun:
 - the quality or state of being strong.
 - ability to do or to bear.
 - capacity for exertion or endurance.
 - power to resist force.



INTELLIGENCE noun:
 - the ability to comprehend.
 - to understand and profit from experience.
 - having the power to bring into being.

INTELLIGENCE