



# DD90C

Volvo Double Drum Compactor 8.7 t 55 kW



# DD90C – Packed with performance

## Productivity, whatever the job

- Dual frequencies and dual amplitude
- High frequency of 50hz facilitates fast rolling speeds
- Powerful and fuel efficient engine

## Superior smoothness

- Chamfered drum edges
- Automatic vibration start
- Automatic spraying system

## Ease of operation

- 4.3" display: effective work and service management
- Adjustable sliding/suspended seat

- All-around visibility

- Heavy-duty sunshade, removable for ease of transportation

## Access more uptime

- Water tanks can be filled from ground level
- Proven engine, serviced by your Volvo dealership
- Call on Volvo 24/7
- Genuine Volvo Parts
- Customer Support Agreements

## Made in India, for India

Specifically tailored for compaction applications in India.

## Specifications

### Machine weights (with cab)

Operating weight <sup>1</sup>	kg	8 700
Max operating weight	kg	9 100
Weight @ front drum	kg	4 220
Weight @ rear drum	kg	4 480
Shipping weight <sup>2</sup>	kg	8 170

### Drums

Width	mm	1 676
Diameter	mm	1 219
Shell thickness	mm	19

Finish machined surface; chamfered and radiused edges

### Vibration 2 Amplitudes

Frequency	Hz	50/36
Amplitude	mm	0.36/1.0
Centrifugal force	kN	54/79

### Propulsion

Type	closed-loop hydrostatic, parallel circuit to both drums		
Drum drive	2-speed axial piston motors with gear drive		
Travel speed	high	km/h	0 - 12
Travel speed	low	km/h	0 - 7
Gradeability (theoretical)	%		30

### Engine

Make / model	VECV, EE483TCI StageIV CEV		
Engine type	Turbo charged water cooled		
Rated power @ installed speed	kW		55KW @ 2200 rpm
Electrical	12 V DC, 90 A alternator		

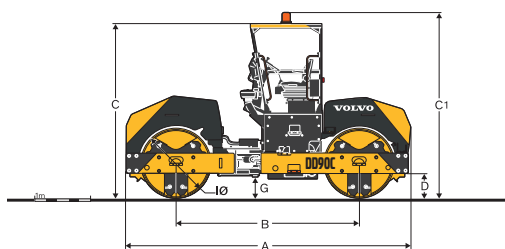
### Brakes

Service	Dynamic hydrostatic through propulsion system		
Parking secondary	SAHR on both drum drives		

<sup>1</sup> Incl 100% fuel, 50% water, 75 Kg operator.

<sup>2</sup> Incl 10% fuel, no water and no operator.

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.



### Water system

Type	Pressure spray drum wetting system with LDPE water tank		
Pumps	Two water pumps - One for each drum		
Spray Bars	One spray bar for each drum		
Nozzles	Hand-serviceable spray nozzles, 6 per spray bar		
Filtration	Filter baskets in fill necks, primary filter at each pump, fine filter for each nozzle		
Drum wipers	Rubber wipers for each drum		
Water tank capacity	l		700

### Steering

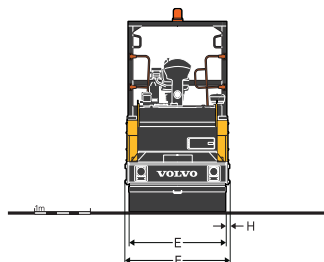
Type	Articulated frame center pivot steering		
Outside turning radius	mm		7 285
Inside turning radius	mm		5 605
Articulation angle	°		30
Oscillation angle	°		10

### Fluid Capacities

Fuel tank capacity	l		180
Hydraulic oil capacity	l		80





### DIMENSIONS

A	Overall length	mm	4,970
B	Drum base	mm	3,195
C	Overall height (top of cab)	mm	3,050
C1	Overall height (top of beacon)	mm	3,220
D	Curb clearance	mm	430
E	Drum width	mm	1,676
F	Overall width	mm	1,835
G	Ground clearance	mm	305
H	Side Clearance	mm	72
I Ø	Drum Diameter	mm	1,219



Contact your local dealer for more information.

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