

**V O L V O**



Volvo Double Drum Compactors 79 in 27,700 lb 148 hp

**DD128C**

Volvo Construction Equipment

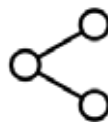
# DD128C



## Highest frequency in the industry

Experience superior productivity, whatever the job.

- Frequency of 4,800 vpm **A Volvo-exclusive**
- Facilitates fast rolling speeds with vibration for maximum efficiency
- Ultra-Pac technology: automatic adjustment of frequency to match the selected amplitude



## Widest drum amplitude range

Whether thick or thin layers – work on a vast array of applications.

- Amplitude range of 0.003 in to 0.030 inches **A Volvo-exclusive**
- 8 different amplitude settings with 5 unique frequencies
- Low amplitude settings for applications where static rolling and oscillation are used

# The best in its class



## Superior smoothness

Optimum smoothness, even with tender mixes

- 79-inch wide drum featuring chamfered/radiused edges
- 8 amplitudes with auto-reversing eccentrics A Volvo-exclusive
- Automatic spraying system, Fully redundant water system
- Compact Assist functions/packages, powered by Volvo Co-Pilot



## Safety first

For the operator and others on the jobsite

- Unobstructed visibility all around the machine
- ROPS/FOPS certified platform
- Seat belt alarm
- Operator presence switch
- Remote brake test functionality
- Lighting packages



## High comfort operator station

An ergonomic platform, combined with intuitive controls

- 5-position console, which rotates 180°
- Fully-adjustable reclining seat **NEW**
- Electronic control lever **NEW**
- Automatic impact spacing control **NEW**
- Cruise control function
- USB ports
- Low-noise and vibration



## Keep on rolling

A durable & easy-to-service compactor, complemented by smart Volvo Services

- Automatic passive engine regeneration
- Swing-up hood allows for easy access to engine and hydraulic components
- Water tanks can be filled from ground level
- Lifetime Frame and Structure Warranty
- ActiveCare Direct: 24/7 machine monitoring
- Genuine Volvo Parts, with a 24-hour parts delivery guarantee



*"The DD128C is our best compactor yet. This is the most productive, fuel-efficient, and versatile machine we offer."*

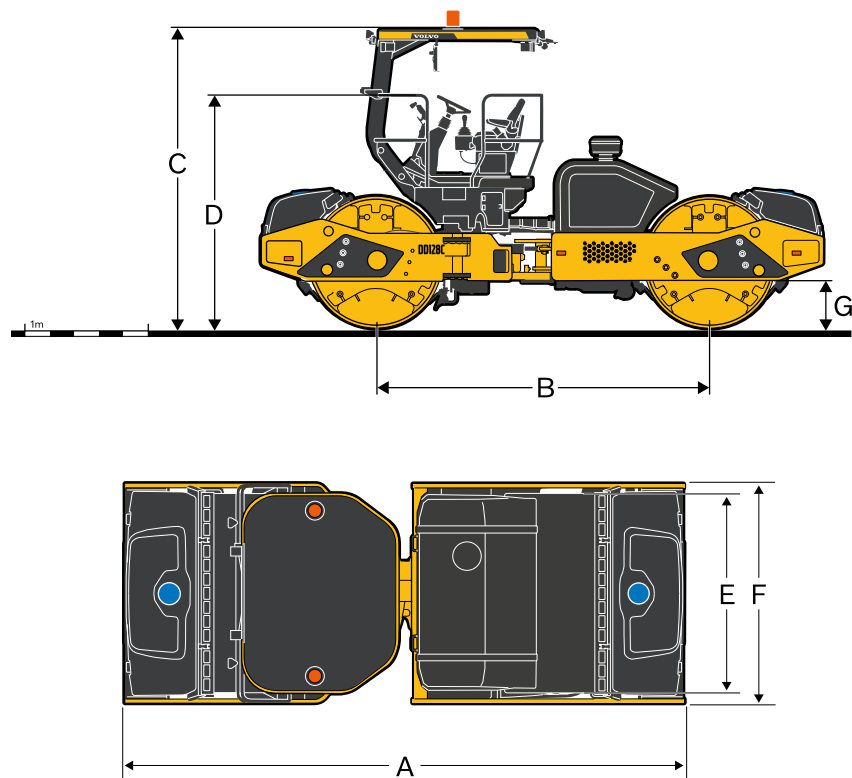
**Chad Fluent,**  
Global Product Manager - Compactors

# Specifications

Model			DD128C	
Machine weights				
Operating weight <sup>1</sup>	kg	lb	12,565	27,700
Weight @ front drum	kg	lb	6,684	14,735
Weight @ rear drum	kg	lb	5,881	12,965
Shipping weight <sup>2</sup>	kg	lb	11,791	25,994
Drums				
Width	mm	in	2,000	79
Diameter	mm	in	1,400	55
Shell thickness	mm	in	20	0.79
Finish	Machined surface; chamfered and radiused edges			
Propulsion				
Type			Closed-loop hydrostatic, parallel circuit to both drums	
Drum drive			2-speed axial piston motors with planetary gear drive	
Travel speed	km/h	mph	8.8-12.6	5.5-7.8
Engine				
Make / model			Volvo D4, EPA Tier 4 final	
Engine type			4 Cyl, Electronic, Turbo charged CAC, EGR, DPF, SCR	
Rated power @ 2,000 r/min	kW	hp	110	148
Electrical			24 V DC, 120 A alternator, Starter 5.5 kW, Battery 775 CCA (SAE)	
Brakes				
Service			Dynamic hydrostatic through propulsion system	
Parking secondary			Spring-applied, hydraulic release on both drum drives	
Water system				
Type			Pressure spray drum wetting system with dual water tanks	
Nozzles			Hand-serviceable spray nozzles, 10 per spray bar	
Filtration			Strainer at fill necks, primary filter at each pump, fine filter for each nozzle	
Drum wipers			Front and rear styrene wipers for each drum	
Water tank capacity	l	gal	1,280	338
Miscellaneous				
Articulation angle			+ / - 40°	+ / - 40°
Oscillation angle			+ / - 10°	+ / - 10°
Inside turning radius (to drum edge)	mm	in	3,772	149
Fuel tank capacity	l	gal	199.8	52.8
DEF tank capacity	l	gal	20	5.28
Hydraulic oil capacity	l	gal	149.9	39.6
Gradeability (theoretical)			31%	

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

<sup>2</sup> incl. 50% fuel, no water, no operator



DIMENSIONS		
	DD128C	
	mm	in
A	5,973	235.2
B	3,550	139.8
C	3,177	125.1
D	2,479	97.6
E	2,218	87.3
F	2,000	79.0
G	505	19.9

AMPLITUDE SETTING						
	DD128C					
	Nominal amplitude		Vibration frequency		Eccentric force	
	mm	in	Hz	VPM	kN	lbf
1	0.08	0.0033	80	4,800	51.9	11,680
2	0.19	0.0074	70	4,200	89.8	20,210
3	0.34	0.0133	65	3,900	139.7	31,420
4	0.48	0.0189	53.3	3,200	133.1	29,930
5	0.60	0.0235	53.3	3,000	145.8	32,780
6	0.69	0.0271	50	3,000	167.6	37,710
7	0.74	0.0293	50	3,000	181.2	40,760
8	0.76	0.0300	50	3,000	185.7	41,790

# Equipment

## STANDARD EQUIPMENT

### Engine

Battery disconnect switch

Fan belt protection

### Operator Environment

Open ROPS/FOPS canopy

Operator seat w/adj back, steering wheel and main controls: rotating +/- 90°

Propulsion control lever

Adjustable steering wheel

2 charger sockets 12V

2 charger sockets 5V

Anti-slip cab floor, easy to clean

Cup holder

Seat switch with timer delay

3" wide seat belt

Seat belt alarm

### Vibration and drum system

Auto vibration

Selectable vibration: front, rear, both

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

- Engine speed

- Vehicle speed

Impact meter

Emergency stop button

### Water system

Two spray bars per drum

## OPTIONAL EQUIPMENT

### 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

Rotating beacon

Back up alarm

Compact Assist Start

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





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