

VOLVO SINGLE DRUM COMPACTORS

SD25D, SD25F



MORE CARE. BUILT IN.



PERFORMANCE MATTERS, NO MATTER THE SIZE

When you need outstanding maneuverability and versatility, the 2,4 tonne **(2.6 ton)** SD25D smooth drum and SD25F padfoot drum, soil compactors will get the job done. With the ability to get in and out of 1,3 m **(50 in)** wide trenches, the SD25 models are the right size for commercial and residential site development, utility installations, roads, driveways, and landscaping jobs. An available clamp-on padfoot shell kit for the SD25D also increases its versatility.



Performance Features

- Adjustable front drum scraper
- Cold starting aid
- Cup holder and storage
- Engine hood sloped for ONE METER BY ONE METER operator visibility
- Hour meter gauge and fuel gauge with low fuel warning
- Hydraulic hoses inside drum frame for protection
- Isolated operator's platform reduces fatigue; ergonomic design with seat, console, and controls all located within operator zone of comfort and reach
- Lug-type tire set track within drum width
- Oil level sight gauges for eccentric oil and hydraulic oil reservoirs
- Rear-hinged engine cover for service access
- Warning lights and audible alarms for air restriction, battery discharge (light only), engine coolant temperature, engine oil pressure, and hydraulic oil temperature

Safety Features

- Safety features include ROPS / FOPS, seat belt, seat belt warning system, back-up alarm, seat switch, emergency stop button, horn, safety rails, and grab handles

Available Options

- Beacon light
- Clamp-on padfoot shell kit
- CE certification
- Inside drum scraper bar
- Strike-off blade (2-way)
- Strike-off blade (4-way, semi U-shape)
- Universal front drum scraper
- Vandal cover
- Work lights

Versatility for all your jobs

A two-piece, clamp-on padfoot shell kit easily and quickly converts the smooth drum into a padfoot drum without changing the hydraulic system. Drum conversion is completed by bolting together the two half-shells and replacing the smooth scraper bar with padfoot teeth.



SPECIFICATIONS

Model		SD25D	SD25F
Machine Weights (w/ ROPS / FOPS)			
Operating Weight (CECE)	kg (lb)	2 562 (5,650)	2 685 (5,920)
Static Weight @ Drum	kg (lb)	1 292 (2,850)	1 415 (3,120)
Static Weight @ Tires	kg (lb)	1 270 (2,800)	1 270 (2,800)
Shipping Weight	kg (lb)	2 478 (5,464)	2 600 (5,734)
Machine Dimensions			
Length	mm (in)	3 180 (125.2)	3 175 (125.3)
Width	mm (in)	1 254 (49.4)	1 254 (49.4)
Height (top of ROPS / FOPS)	mm (in)	2 250 (89)	2 294 (90.3)
Wheelbase	mm (in)	1 673 (66)	1 673 (66)
Curb Clearance	mm (in)	217 (8.6)	271 (10.7)
Inside Turning Radius (measured to drum edge)	mm (in)	2 148 (84)	2 148 (84)
Drum			
Width	mm (in)	1 050 (41.3)	1 050 (41.3)
Diameter	mm (in)	781 (30.7)	781 (30.7)
Shell Thickness	mm (in)	14 (0.55)	14 (0.55)
Diameter Over Pad Feet	mm (in)	-	912 (35.9)
Number Of Pad Feet		-	45
Pad Height	mm (in)	-	64 (2.5)
Pad Tip Area	cm ² (sq in)	-	55 (8.5)
Vibration			
Frequency	Hz (vpm)	36,7 (2,200)	36,7 (2,200)
Centrifugal Force	kN (lb)	55,6 (12,500)	55,6 (12,500)
Nominal Amplitude	mm (in)	1,38 (0.054)	1,2 (0.047)
Propulsion			
Type System		Hydrostatic with Twin Lock torque transfer system, single-speed motor on drum & wheels	
Drum Drive		Low speed, high torque motor	
Tire Size		8 x 16 – R1 6PR	8 x 16 – R1 6PR
Travel Speed	km/h (mph)	0 – 9,0 (0 – 5.6)	0 – 9,6 (0 – 6.0)
Engine			
Make / Model		Kubota V2203-M Tier 4	
Engine Type		Turbocharged 4-cylinder	
Rated Power @ Installed Speed	kW (hp)	31,4 (42.1)	31,4 (42.1)
Electrical System		12 volts DC, negative ground; 40 A alternator; 750 CCA battery	
Brakes			
Service		Dynamic hydrostatic through propulsion system	
Parking / Secondary		Spring-applied, hydraulically released on rear motors	
Miscellaneous			
Articulation		+ / - 35°	+ / - 35°
Oscillation Angle		+ / - 12°	+ / - 12°
Fuel Capacity	l (gal)	45 (12)	45 (12)
Hydraulic Oil Capacity	l (gal)	57 (15)	57 (15)
Gradeability (theoretical)		60%	50%

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



Volvo Construction Equipment is different. The company's products are designed, built and supported in a different way. That difference comes from our 175-year engineering heritage. A heritage of thinking first about the people who actually use the machines. About how to make them 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. And we're proud of what makes Volvo different – **More care. Built in.**



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

Volvo Construction Equipment
www.volvo.com

Ref. No. VOE 22 C 100 4049
Printed in USA 2009.08-5.0
Volvo, Shippensburg

English