



PRESS INFORMATION

Volvo SD45B drums up quality compaction

The SD45B soil compactor from Volvo Construction Equipment is the complete package, providing long-lasting performance and unmatched versatility to ensure a low total cost of ownership.



Packed with technologically advanced features, the SD45B adapts to the application and jobsite, helping the operator achieve the next level of performance.



The SD45B is designed for commercial and residential site development, utility installations, driveways and landscaping jobs. Providing up to 12 degrees of oscillation and 41 degrees of frame articulation in each direction, the SD45B offers the stability and versatility required to compact in confined areas. To optimize performance, the optional Volvo strike-off blade and padfoot shell kit further help to match the exact application and material type.

The fully integrated traction system provides superior climbing capabilities, even on steep inclines or slippery surfaces. The system, combined with the NoSPIN® differential limits wheel or drum spin, improving productivity and safety.

Powerfully productive

In addition to ensuring a versatile performance, the SD45B is also designed to drive down operating costs. The class-leading drum system enables the operator to achieve target density in fewer passes by combining a heavy drum weight, high amplitude (1.99 mm / 0.07 in) and high centrifugal force (93 kN / 21,132 lb). When the machine is returned to neutral, the vibration system automatically shuts off, preventing over-compaction and enhancing ease of operation.



The Volvo Tier 4 Final D3.3 engine delivers high torque at low engine speeds, providing good fuel efficiency without compromising power. When controls are inactive for more than five seconds, the automatic idle feature reduces the engine speed, further decreasing fuel consumption. During the work process, the passive regeneration cleans the filters automatically without any input from the operator or negative impact on performance.

Controlled compaction

Not only is the SD45B built to work hard, it also has operator safety and productivity at its core. The ROPS/FOPS certified canopy, for example, offers protection without restricting all-round visibility. To enhance comfort and ease of operation, all controls are ergonomically-positioned from the adjustable operator seat. Because the controls are of the same format found in Volvo's larger single drum models, a greater pool of operators can intuitively control the SD45B.

Thanks to its compact size, the SD45B can be swiftly and safely moved around jobsites. The soil compactor can easily be loaded onto a transport vehicle without removing



components. For added efficiency, the two-piece, clamp-on padfoot shell kit can be installed or removed in less than an hour.

Unmatched uptime

Efficient from the ground-up, the machine is designed for quick and safe serviceability, with minimal maintenance costs. As standard on B-series models, the single drum compactor's tiltable platform and hinged engine allow for simple access to all major hydraulic components and service points.

Volvo also offers a range of aftermarket services to avoid unscheduled downtime and better control costs. Solutions such as Genuine Volvo Parts, MATRIS diagnostic software and Customer Support Agreements help to ensure Volvo compactors maximize return on investment for their owners.

Key specifications:

Operating weight (with ROPS)	kg	4,948
	lb	10,910
Operating weight (with ROPS, inc. Cab & inside scraper)	kg	5,288
	lb	11,660
Centrifugal force	kN	75/93
	lbf	16,800/21,000
Vibration frequency	Hz	27.5/30.8
	vpm	1,650/1,848
Gradeability	percentage	45
Rated engine power	kW	55
	hp (imp)	74
Amplitude	mm	1.99
	in	0.078
Drum width	mm	1,372
	in	54
Articulation angle	angle	41
Oscillation angle	angle	12

Ends.

March 2017

For further information, please visit: www.volvoce.com/press



Or contact:

Tiffany Cheng
Director, External Communications
Volvo Construction Equipment
Tel: int +32 499 56 68 47
Email: tiffany.cheng@volvo.com

Brian O'Sullivan
SE10
London
Tel: int +44 77 333 50307
Email: brian.osullivan@se10.com

The Volvo Group is one of the world's leading manufacturers of trucks, buses, construction equipment and marine and industrial engines. The Group also provides complete solutions for financing and service. The Volvo Group, with its headquarters in Gothenburg, employs about 95,000 people, has production facilities in 18 countries and sells its products in more than 190 markets. In 2016 the Volvo Group's sales amounted to about SEK 302 billion (EUR31.9 bil). The Volvo Group is a publicly-held company. Volvo shares are listed on Nasdaq Stockholm. For more information, please visit <http://www.volvogroup.com> or <http://www.volvogroup.mobi> if you are using your mobile phone.