



Cat[®] Vibratory Compactors

SKID STEER LOADERS
MULTI TERRAIN LOADERS
COMPACT TRACK LOADERS
COMPACT WHEEL LOADERS

Cat[®] Vibratory Compactors are used for compacting soil, sand or gravel prior to pouring concrete or laying asphalt surfaces. They are also ideal for asphalt patch work. Their capabilities and lower investment and maintenance costs make them popular with pavers, general contractors and utility contractors in residential, commercial or industrial applications.

Features:

Caterpillar exclusive vibratory pod design

- Caterpillar exclusive vibratory pod design delivers desired balance between frequency and amplitude to provide a superior matte finish. Pod-style weight housings are factory sealed for longer bearing life and easy serviceability.

Higher compaction forces

- Higher compaction forces provide twice the compaction force of the original design requiring fewer passes for greater productivity.

Replaceable rubber mounts

- Replaceable rubber mounts isolate vibration and enhance vibratory capabilities.

Durable high-strength steel drums

- Durable high-strength steel drums are roll formed and finish welded for a smoother surface and longer life.

Pivoting interface

- Pivoting interface allows the drum to oscillate $\pm 15^\circ$ and follow the contour of the ground.

Spring-loaded dual direction non-metallic scraper bar

- Spring-loaded dual direction non-metallic scraper bar maintains constant pressure on the drum to prevent material build up. Non-metallic design minimizes noise.

Cat XT[™]-3 ES hose, couplings and O-ring face seals

- Cat XT-3 ES hose, couplings and O-ring face seals provide superior, leak-free performance and reliability. All hoses are wrapped with nylon woven cordura sleeving for added operator protection. Hydraulic quick disconnects enable fast tool changes.

Quick coupler

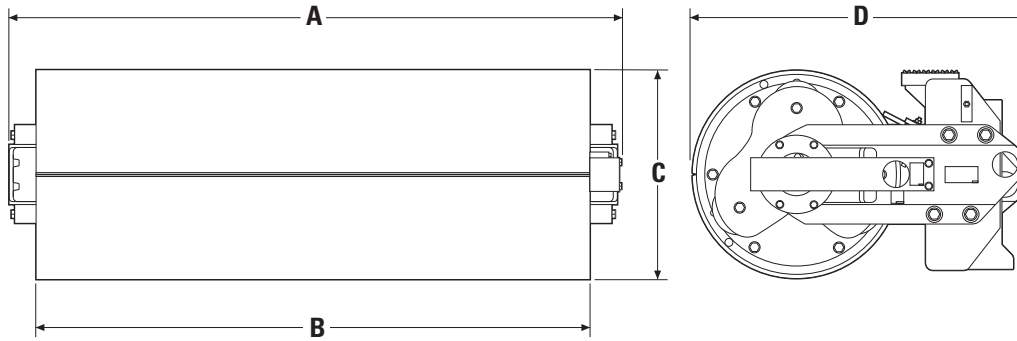
- Rugged, opposing edge design holds the work tool securely and allows the operator to quickly change from one high performance Cat Work Tool to another.

Compatibility

Model	Machines
CV16B	226B3, 247B3, 236D, 242D, 246D, 257D, 259D, 262D, 272D, 272D XHP, 277D, 279D, 287D, 289D, 299D, 299D XHP, 906H2, 907H2, 908H2
CV18B	246D, 262D, 272D, 272D XHP, 277D, 279D, 287D, 289D, 299D, 299D XHP, 906H2, 907H2, 908H2

Cat Vibratory Compactors

Specifications



			CV16B		CV18B	
A Overall width	mm	(in)	1854	(73)	2032	(80)
B Drum width	mm	(in)	1676	(66)	1854	(73)
C Height	mm	(in)	634	(25)	634	(25)
D Length	mm	(in)	1009	(40)	1009	(40)
Drum diameter	mm	(in)	634	(25)	634	(25)
Unit weight	kg	(lb)	936	(2,063)	970	(2,138)
Number of motors			1		1	
Motor size	cm ³	(in ³)	28	(1.72)	28	(1.72)
Required hydraulic flow	L/min	(gpm)	42-86	(11-23)	42-86	(11-23)
Optimal hydraulic pressure	bar	(psi)	145-235	(2,100-3,400)	145-235	(2,100-3,400)
Drum oscillation tilt range			± 15°		± 15°	
Drum frequency @ max flow			2946 vibrations/min		2946 vibrations/min	
Dynamic (centrifugal) force	kg	(lb)	5399	(11,903)	5399	(11,903)
Amplitude	mm	(in)	1.16	(0.046)	1.09	(0.043)

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

© 2013 Caterpillar Inc.
All Rights Reserved
Printed in U.S.A.

AEHQ5837-02 (08-13)
Replaces AEHQ5837-01

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

CAT, CATERPILLAR, SAFETY.CAT.COM, their respective logos, "Caterpillar Yellow" and the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

