

# CV16B, CV18B

Vibratory Compactors for Skid Steer and Multi Terrain Loaders



*A hydraulically powered vibrating roller used to compact soil, stone and asphalt.*

## Features

- Caterpillar exclusive vibratory pod design
- Increased compaction forces
- Replaceable rubber mounts
- Spring loaded dual direction non-metallic scraper bar
- Pivoting Interface allows the drum to oscillate  $\pm 15$  degrees

## Benefits

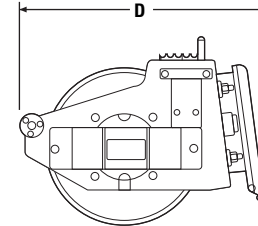
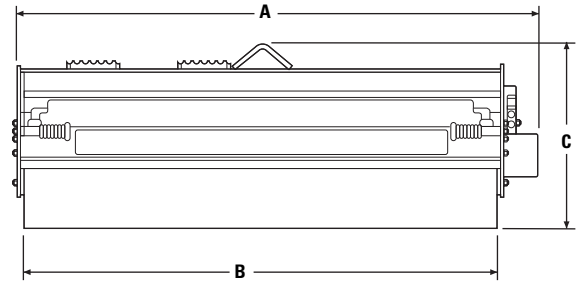
- Delivers desired balance between frequency and amplitude to provide a good mat finish.
- Provides compaction with fewer required passes increasing productivity.
- Isolate vibration and enhance vibratory capabilities.
- Maintains constant pressure on the drum to prevent material build up. Non-metallic minimizes noise level.
- Follows the contour of the ground.

**CATERPILLAR®**

# CV16B, CV18B Vibratory Compactors

## Specifications and Dimensions

		CV16B	CV18B
<b>A</b> Overall Width	mm	1855	2032
<b>B</b> Drum Width	mm	1676	1854
<b>C</b> Height	mm	634	634
<b>D</b> Length	mm	1009	1009
Drum Diameter	mm	610	610
Unit Weight	kg	921	961
Drive Method			
Gerotor Motor – Direct Drive			
Number of Motors		1	1
Motor Size	cm <sup>3</sup>	28.2	28.2
Required Hydraulic Flow	L/min	42-83	42-83
Optimal Hydraulic Pressure	bar	145-227	145-227
Drum Oscillation Tilt Range	Degrees	±15°	±15°
Drum Frequency at Max Flow	vibrations/min	2946	2946
Dynamic Force	kg	5399	5399
Amplitude	mm	1.16	1.09



## Hydraulic Requirements

Standard flow hydraulics and no electrics.

## Matching Guide

Compactors	Skid Steer Loaders	Multi Terrain Loaders
CV16B	216B, 226B, 232B, 242B, 236B, 246C, 256C, 262C, 272C	247B, 257B, 277C, 287C, 297C
CV18B	236B, 246C, 256C, 262C, 272C	277C, 287C, 297C

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