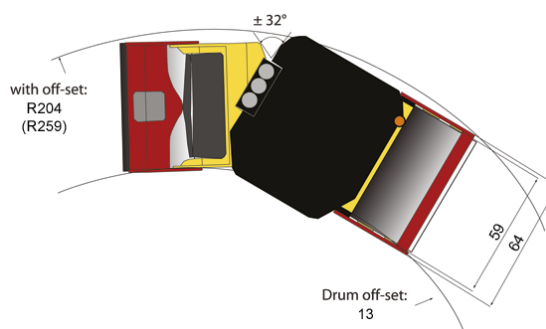




## Double drum vibratory rollers



Technical drawing of a roller (Figure 1) showing dimensions in mm. The overall width is 177 mm. The overall height is 118 mm. The height of the main body is 90 mm. The height of the rear drum is 28 mm. The height of the front drum is 45 mm. The distance between the centers of the drums is 132 mm. The distance from the center of the rear drum to the rear edge is 10.6 mm. The distance from the center of the front drum to the front edge is 0.7 mm.



|                                           |  |                                                                                                           |
|-------------------------------------------|--|-----------------------------------------------------------------------------------------------------------|
| <b>Masses</b>                             |  | <b>CC224HF</b>                                                                                            |
| Max. operating mass                       |  | 19,800 lbs                                                                                                |
| Operating mass (incl. ROPS)               |  | 17,000 lbs                                                                                                |
| Module mass (front/ rear)                 |  | 8,500/ 8,500 lbs                                                                                          |
| <b>Propulsion</b>                         |  |                                                                                                           |
| Speed range                               |  | 0 - 7.5                                                                                                   |
| Vertical oscillation                      |  | ±7°                                                                                                       |
| Theor. gradeability                       |  | 42 %                                                                                                      |
| <b>Compaction</b>                         |  |                                                                                                           |
| Centrifugal force (high/ low amplitude)   |  | 17,540/ 15,060 lb                                                                                         |
| Nominal amplitude (high/ low)             |  | 0.03/ 0.01 in                                                                                             |
| Static linear load (front/ rear)          |  | 144/ 144 lbs/ in                                                                                          |
| Vibration frequency (high/ low amplitude) |  | 2,870/ 4,010 vpm                                                                                          |
| Water tank (gal)                          |  | 198 gal                                                                                                   |
| <b>Engine</b>                             |  |                                                                                                           |
| Manufacturer/ Model                       |  | Cummins QSB 3.3 T3                                                                                        |
| Type                                      |  | Water cooled turbo Diesel with After Cooler                                                               |
| Rated power, SAE J1995                    |  | 80 hp @ 2,800 rpm                                                                                         |
| Rated power, SAE J1995                    |  | 99 hp @ 2,800 rpm                                                                                         |
| Fuel tank capacity                        |  | 34 gal                                                                                                    |
| <b>Hydraulic system</b>                   |  |                                                                                                           |
| Driving                                   |  | Axial piston pump with variable displacement.<br>Axial piston motors (2) with variable displacement.      |
| Vibration                                 |  | Axial piston pumps (2) with variable displacement.<br>Axial piston motors (2) with constant displacement. |
| Steering                                  |  | Gear pump with constant displacement.                                                                     |
| Service brake                             |  | Hydrostatic in forward and reverse lever.                                                                 |
| Parking/ Emergency brake                  |  | Failsafe multidisc brake in both drums.                                                                   |

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Find your local dealer at [www.dynapac.us](http://www.dynapac.us)

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