



The 27,220-pound Model 1105D single-drum soil compactors features an 82.7 inch wide drum and two vibration frequencies: 1,740 or 2,160 vpm. It can achieve 50,565 pounds of centrifugal force.

Standard 135-horsepower engine, vibration-isolated operator's platform, two-speed drive system, and a maintenance-free articulation joint. The Vibromax 1105 has a centralized hydraulic test station and comes with a two-year, 2,000-hour parts and labor warranty.

## ENGINE

Engine / Model Cooling Displacement Fuel consumption Fuel capacity

## **OPERATING DATA**

Operating weight Weight front Static applied linear drum load Weight, rear Articulation/oscillation Turning radius-inside Curb clearance 19.5" Drum shell thickness 1.0" Travel speed - 1st range - 2nd range Theoretical gradeability, forward 60% Brakes-front drum/rear axle Max compaction depth 39.4"

Cummins 6BT5.9 Water 359 cu. in. 4.4 US gal./h 105 gal

27720 lb 13560 lb 164 lb/in 14160 lb 35/15 degrees 11'10" 19.5" 1.0" 0 - 4.8 mph 0 - 7.9 mph 60% disc/disc 39.4"



Vibration	Stage 1	Stage 2
Frequency	1740 vpm	2160 vpm
Amplitude	0.063 in	0.024 in
Centrifugal force	50565 lbf	29440 lbf
Centrifugal force / drum width	611 lbl/in	356 lbl/in
Total applied force	64125 lb	43000 lb
Total applied linear force	775 lb	520 lb

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