

VIBROMAX

VM 66D

SINGLE-DRUM SOIL COMPACTION ROLLER

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- + Smooth, padfoot or padfoot/blade configuration
- + Turbocharged 80-hp Cummins diesel
- + Over 31,000-lb. centrifugal force
- + Standard Traction Control System
- + Tilting engine cover for outstanding serviceability
- + Maintenance-free articulation joint



OPERATING DATA

Operating weight (max.)	16094 lb
Operating axle load front / rear	7937 / 8157 lb
Operating linear load front	115 lb/in

Vibration

	Stage 1	Stage 2
Exciter frequency	1740 vpm	2160 vpm
Nominal amplitude	0.079 in	0.031 in
Centrifugal force	31024 lbf	18884 lbf
Centrifugal force / drum width	450 lbf/in	274 lbf/in
Compaction depth up to	26 in	20 in

Working speed (forward/reverse) maximal	4.3 mi/h
Travel speed (forward/reverse) maximal	6.8 mi/h

ENGINE

Engine / Model	Cummins B 3.3
Type	Four-cylinder, water-cooled, four-stroke, turbo-charged diesel engine
Performance DIN 6271	60 hp
Operating speed	2200 rpm
Starting device	Electric motor
Fuel consumption	2.4 US gal./h
Exciter drive	Electrically controlled hydrostatic direct drive on drum
Exciter	Single-shaft circular exciter with overturning weights
Steering system	Servo assisted center articulation with vertical oscillation

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