



VHM Industries Private Limited

POWERING STABLE
GROUNDWORKS



Power : 112 HP / 83.5 kW @ 2200 rpm

VSC 11
SOIL COMPACTOR

Built for deep impact, uniform compaction, and foundations
that stand the test of time.


Mahindra
MCVNC35T L112CE5,
CEV BS V

ENGINE

12V
150 AMP, DC

**ELECTRICAL
SYSTEM**

11900
KG

**OPERATING
WEIGHT**

WEIGHTS	STD	DD	PD
Max. Operating Weight	11900 KG	11900 KG	11900 KG
Drum Module Weight	5600 KG	6600 KG	7400 KG
Tyre Module Weight		4500	4500
Static Linear Load	30.52 KG	30.98 KG	34.74 KG
No. of Pads			120
Pad Height			100 MM
Pad Area			146 cm ²
VIBRATION	STD	DD	PD
Amplitude (High/Low)	1.85/0.8 mm		
Frequency (High/Low)	40/33 Hz		
COMPACTION FORCE	STD	DD	PD
Centrifugal Force (High/Low)	254/176 KN		
Total Applied Force (High/Low)	32/24 Ton		
TRACTION	STD	DD	PD
Gradeability	45%	55%	
Oscillation Angle		+/- 10 Deg	
Tyre Size		23.1x26 (12PR)	
STEERING	STD	DD	PD
Type	Hydrostatic steering		
Articulation Angle	+/- 37 Deg		
Turning Radius	3950/6050 mm		
ENGINE	STD	DD	PD
Model/Type	Mahindra MCVNC35T I112CE5, CEV BS V, 4 Cylinder water cooled turbo charged Diesel Engine		
Rated Power	112 HP/ 83.5 kW @ 2200 rpm		
HYDRAULIC & PROP ULSION SYSTEM	STD	DD	PD
Drive	Hydrostatic drive, infinitely variable planetary axle with limited slip differential		
Working/Travel Speed	0-29 Km/hr		
Travel	Variable displacement axial piston pump and constant displacement motor		
Vibration	Variable displacement axial piston pump and constant displacement motor		
Steering	Gear pump with constant displacement		
Service Brake	Closed loop hydrostatic brakes on forward/reverse lever		
Parking Brake	Spring applied/hydraulically released multi disc brake mounted on the drum drive gear reducer & within rear axle		
ELECTRICALS & REFILL CAPACITIES	STD	DD	PD
Electrical System	12V - 150 AMP, DC		
Fuel Tank Capacity	315 ltrs		
Hydraulic Tank Capacity	80 ltrs		
Sump Capacity	13.5 ltrs		
Adblue	20 ltrs		
Coolant	13 ltrs		


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