



Power : 112 HP/ 83.5 kW @ 2200 rpm

VSC11

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**

VSC11 STANDARD FEATURES

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			
Amplitude (High/Low)		1.85/0.8 mm	
Frequency (High/Low)		40/33 Hz	

COMPACTION FORCE			
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			
Type		Hydrostatic steering	
Articulation Angle		+/- 37 Deg	
Turning Radius		3950/6050 mm	

ENGINE			
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			
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			
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	

