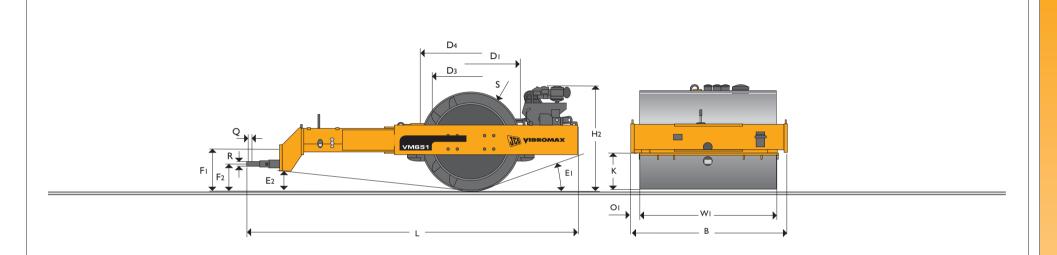


JCB VIBROMAX – COMPACTION EQUIPMENT TOW-TYPE VIBRATORY ROLLER **VM65I/VM65IPD**



OPERATING WEIGHT:

6300kg / 6500kg



	STATIC DIMENSIONS		
Dim	nensions in millimetres (in)		
В	Overall width	2250 (88.5)	
Dı	Drum diameter	1500 (59.0)	
D ₃	Drum diameter for PD	1080 (42.5)	
Fi	Height of towing eye, upper position	630 (24.8)	
F ₂	Height of towing eye, lower position	430 (16.9)	
H ₂	Overall height	1725 (67.9)	
K	Ground clearance	550 (21.66)	
L	Total travel length	4550 (179.1)	
Oı	Overhang left and right	75 (2.9)	
Q	Diameter of towing eye	50 (1.9)	
R	Thickness of towing eye	46 (1.8)	
S	Drum thickness	25 (0.9)	
Wı	Drum width	2100 (82.73)	
Eı	Departure angle rear	20°	
E ₂	Departure angle front	8°	

OPERATING DATA		
Operating weight (CECE)	kg	6300 / 6500
Operating linear load	kg/cm	30
Exciter frequency	Hz	40 / 40
Nominal amplitude	mm	1.35 / 1.35
Centrifugal force	kN	210 / 210
Centrifugal force / drum width	N/cm	1.000
Compaction depth up to	cm	80 / 100

A Product of Hard Work



JCB VIBROMAX - COMPACTION EQUIPMENT TOW-TYPE VIBRATORY ROLLER VM651/VM651PD



FNGINE

Three-cylinder, air and oil-cooled, four-stroke Diesel engine.

Make		Deutz
Model		F 3 L 914
Piston displacement	cm ³	3240
Performance – DIN 6271	kW/HP	42 / 57
Operating speed	rpm	2500
Starting device		Electric motor
Air cleaner		Oil bath air cleaner
Fuel filter		Cartridge
Fuel consumption	l/h	8.2

PROPULSION

Towing tractor.

EXC	TER	DRI\	/E

Electrically controlled hydrostatic direct drive.

EXCITER

Single-shaft circular exciter.

FEATURES

- Hydrostatic exciter drive
- Electric starter
- Optimal weight balance
- Interchangeable smooth and sheepsfoot drum

ELECTRICAL SYSTEM		
Voltage	V	12
Battery capacity	Ah	88
Alternator	V(A)	14 (33 maximum)

SERVICE CAPACITIES		
Fuel	litres	120
Engine oil (engine)	litres	8
Gear oil (exciter)	litres	20
Hydraulic oil	litres	140

INDICATORS

Hour meter.

REQUIREMENTS FOR TOWING THE UNIT		
Minimum travel speed	km/h	1.8 / 2.4
Minimum engine performance (DIN 6271)	kW (hp)	37 (50) / 51 (70)
Minimum operating weight for wheel driven units	kg	6500 / 8650
Minimum operating weight for crawler driven units	kg	4900 / 6500
Minimum operating weight for crawler driven units	kg	4900 / 6500

SHEEPSFOOT DRUM		
Number of sheepsfeet	120	
Height of each foot mn	210	
Number of contact feet	12	
Centrifugal force per contact foot kN	17.5	





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