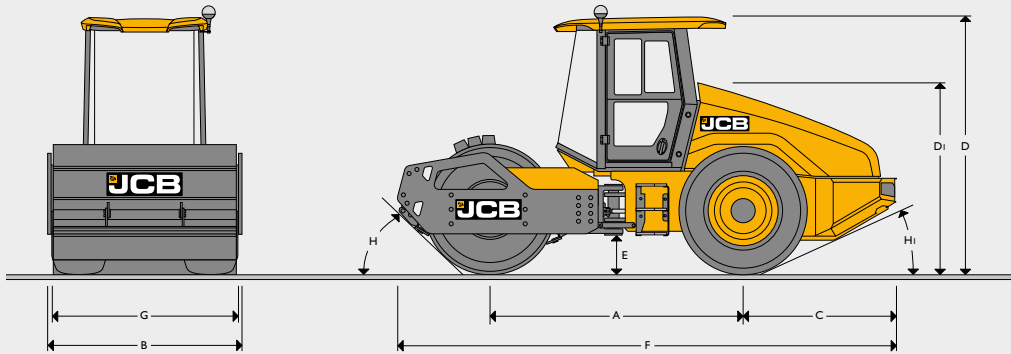


**STATIC DIMENSIONS**



			VM 117 D	VM 117 PD	VM 137 D	VM 137 PD
A	Wheelbase	mm	2930	2930	2930	2930
B	Overall width	mm	2230	2230	2230	2230
C	Axle to rear face	mm	1760	1760	1760	1760
	Drum diameter	mm	1500	-	1500	-
	Drum diameter min (Padfoot)	mm	-	1400	-	1400
	Drum diameter max (Padfoot)	mm	-	1600	-	1600
D	Total height with cabin/ROPS	mm	3000	3070	3000	3070
Di	Total height without cabin/ROPS	mm	2250	2320	2250	2320
E	Ground clearance	mm	445	445	445	445
F	Total travel length	mm	5690	5690	5690	5690
	Drum thickness	mm	25	15	30	20
G	Drum width	mm	2100	2100	2100	2100
H	Departure angle front	deg	46	46	46	46
Hi	Departure angle rear	deg	32	32	32	32

**ENGINE**

		VM 117 D	VM 117 PD	VM 137 D	VM 137 PD
Manufacturer		JCB	JCB	JCB	JCB
Model		444/EcoMAX	444/EcoMAX	448/EcoMAX	448/EcoMAX
Displacement	l	4.4	4.4	4.8	4.8
Bore	mm	103	103	106	106
Stroke	mm	132	132	135	135
Torque	Nm	550	550	560	560
No. of cylinders		4	4	4	4
Cooling		Water	Water	Water	Water
Emmision compliance		T4i Stage IIIb	T4i Stage IIIb	T4i Stage IIIb	T4i Stage IIIb
Performance	kW (hp)	93 / 125	93 / 125	108 / 145	108 / 145
Operating speed	rpm	2200	2200	2200	2200

**OPERATING DATA**

		VM 117 D	VM 117 PD	VM 137 D	VM 137 PD
Operating weight max.	kg	13300	13300	14550	14550
Operating weight Cabin	kg	11300	11300	12550	12550
Operating weight ROPS	kg	10900	10900	12150	12150
Weight front / rear Cabin	kg	6200 / 5100	6200 / 5100	7200 / 5350	7200 / 5350
Weight front / rear ROPS	kg	6000 / 4900	6000 / 4900	7000 / 5150	7000 / 5150
Static linear load	kg/cm	29.5	29.5	34.3	34.3
Frequency	Hz	33 / 36	33 / 36	31 / 36	31 / 36
Amplitude	mm	1,83 / 0,75	1,83 / 0,75	1,98 / 0,9	1,98 / 0,9
Centrifugal force	kN	256 / 125	256 / 125	282 / 173	282 / 173
Working speed (forward / reverse)	km/h	0-8	0-8	0-8	0-8
Travel speed (forward / reverse)	km/h	0-11	0-11	0-11	0-11
Steering angle	deg	+/- 35	+/- 35	+/- 35	+/- 35
Oscillating angle	deg	+/- 15	+/- 15	+/- 15	+/- 15
Inner turning radius	mm	3380	3380	3380	3380
Tyre sizes		23.1 - 26 / 8 PR AWT	23.1 - 26 / 12 Tractor	23.1 - 26 / 8 PR AWT	23.1 - 26 / 12 Tractor
Number of padfeet		-	132	-	132
Height of padfoot		-	100	-	100
Gradeability up to	%	60	60	60	60

**SERVICE CAPACITIES**

		VM 117 D	VM 117 PD	VM 137 D	VM 137 PD
Fuel	l	285	285	285	285
Engine oil	l	14	14	14	14
Gear oil (exciter)	l	8	8	8	8
Hydraulic oil	l	75	75	75	75

**ELECTRICAL SYSTEM**

		VM 117 D	VM 117 PD	VM 137 D	VM 137 PD
Voltage	V	12	12	12	12
Battery capacity	Ah	120	120	120	120
Alternator	V	60	60	60	60