

NEW



## **SINGLE DRUM SOIL COMPACTOR | VM117/VM137**

Operating weight (cabin): 24,912lbs/27,668lbs   Engine power: 125-145hp (93-108kW)   Drum width: 83in



## COMFORTABLY SUPERIOR.

TO GET THE MOST OUT OF YOUR VMI17 AND VMI37, IT'S CRUCIAL THAT OPERATORS CAN PERFORM THEIR JOB EFFICIENTLY AND IN ALL-DAY COMFORT. AS SUCH, BOTH MACHINES ARE DESIGNED TO OFFER A GREAT WORKING ENVIRONMENT.

### Designed for ease of use.

**6** Operators can get working quickly on a VMI17 or VMI37 because of the intuitive, easy-to-use and ergonomic controls, all laid out in the industry standard.

**6** Our easily adjustable tilting steering column provides maximum comfort.

**7** When operators are getting in and out, there are three points of contact at all times; access steps are inclined and equally spaced, and there are well-positioned grab handles.

To make life easier, you only need one key to operate the ignition, door and hood.



**5** JCB's standard-fit automatic vibration control (AVC) activates whenever the drive lever is moved from the neutral position, increasing comfort and making compaction as consistent as possible.

### Comfort on the move.

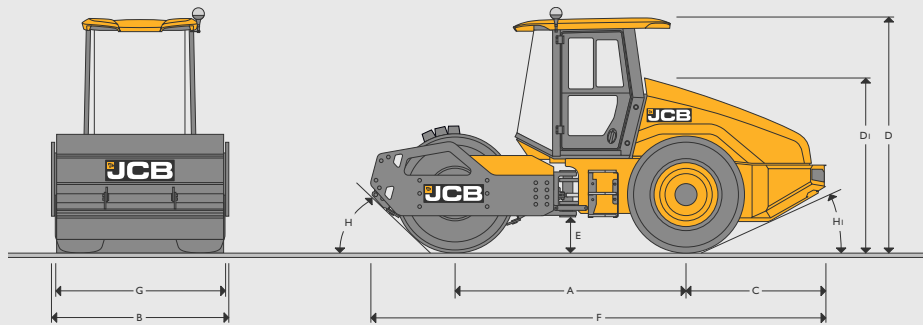
**8** Fatigue-free all-day operation comes as standard: these machines are designed to offer low in-cab noise levels. What's more, by isolating the operator stand with 4 heavy duty rubber mounts, we've ensured class-leading low vibration levels too.

**9** The well positioned colored TFT display provides the operator with direct reading machine data and error information.



There's a large range of seat options, including mechanical or air suspension and vinyl or fabric bases. No matter which you choose, you'll get a high back, an armrest, a document pouch and full adjustment, along with an optional pivoting function.

## STATIC DIMENSIONS



		VM 117 D	VM 117 PD	VM 137 D	VM 137 PD
A	Wheelbase	in	115.4	115.4	115.4
B	Overall width	in	87.8	87.8	87.8
C	Axle to rear face	in	69.3	69.3	69.3
	Drum diameter	in	59.1	-	59.1
	Drum diameter min (Padfoot)	in	-	55.1	-
	Drum diameter max (Padfoot)	in	-	63	-
D	Total height with cabin/ROPS	in	9' 10"	10' 1"	9' 10"
D1	Total height without cabin/ROPS	in	7' 5"	7' 7"	7' 5"
E	Ground clearance	in	17.5	17.5	17.5
F	Total travel length	in	0.98	0.59	1.18
	Drum thickness	in	25	15	30
G	Drum width	in	83	83	83
H	Departure angle front	deg	46	46	46
H1	Departure angle rear	deg	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	gal	1.16	1.16	1.27	1.27
Bore	in	4.05	4.05	4.17	4.17
Stroke	in	5.2	5.2	5.31	5.31
Torque	lb/ft	405.7	405.7	413	413
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	hp (kW)	125 (93)	125 (93)	145 (108)	145 (108)
Operating speed	rpm	2200	2200	2200	2200

## OPERATING DATA

		VM 117 D	VM 117 PD	VM 137 D	VM 137 PD
Operating weight max.	lbs	29321	29321	32077	32077
Operating weight Cabin	lbs	24912	24912	27668	27668
Operating weight ROPS	lbs	24030	24030	26786	26786
Weight front / rear Cabin	lbs	13669/11244	13669/11244	15873/11795	15873/11795
Weight front / rear ROPS	lbs	13228/10803	13228/10803	15432/11354	15432/11354
Static linear load	lbs/in	165.19	165.19	192.1	192.1
Frequency	vpm	1980/2160	1980/2160	1680/2160	1680/2160
Amplitude	in	.07/.03	.07/.03	.08/.04	.08/.04
Centrifugal force	lbf	57551/28101	57551/28101	63396/38892	63396/38892
Working speed (forward / reverse)	mph	4.97	4.97	4.97	4.97
Travel speed (forward / reverse)	mph	6.84	6.84	6.84	6.84
Steering angle	deg	+/- 35	+/- 35	+/- 35	+/- 35
Oscillating angle	deg	+/- 15	+/- 15	+/- 15	+/- 15
Inner turning radius	in	133	133	133	133
Tire sizes		23.1 - 26 / 8 PRAWT	23.1 - 26 / 12 Tractor	23.1 - 26 / 8 PRAWT	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	gal	75.29	75.29	75.29	75.29
Engine oil	gal	3.7	3.7	3.7	3.7
Gear oil (exciter)	gal	2.11	2.11	2.11	2.11
Hydraulic oil	gal	19.81	19.81	19.81	19.81

## 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