

**JCB**

**SMALL SIZE,  
BIG IMPACT.**

**JCB VMT330**

MINI TANDEM ROLLER



**Operating Weight: 3300 kg | Engine Power: 45 hp**  
**Engine Make: Simpson | Drum Width: 1250 mm**  
**Centrifugal Force (each drum): 45 kN | Operating Linear Load: 13.2 Kg/cm**

## SPECIFICATION: JCB VMT330 MINI TANDEM ROLLER

### ENGINE

Make	Simpson
Model	SJ327
Type	4-Stroke diesel, Liquid-cooled
Displacement (cc)	2700
Performance PS(kW)	45 (33.07)
Operating speed RMP	2250 ± 50
Starting device	Electric motor
Air cleaner	Dry cartridge type
Fuel filters	Cartridge type

### PROPULSION

Hydrostatic with variable displacement pump and fixed displacement motors with direct drive to both the drums.

### EXCITER DRIVE

Electrically controlled hydrostatic direct drive on both the drums for vibration and only front drum vibration.

### EXCITER

A single-piece circular exciter shaft with one amplitude and two frequency.

### STEERING SYSTEM

Servo assisted, maintenance free articulation with oscillation facility.

### SERVICE CAPACITIES

Fuel tank	100 L
Water tank	210 L
Hydraulic tank	60 L

### OPERATING DATA

Operating weight	Kg	3300
Maximum operating weight	Kg	3450
Operating linear load	Kg/cm	13.2
Exciter frequency	Hz	55/67
Nominal amplitude	mm	0.6
Centrifugal force (each drum)	KN	45
Total applied force	Kg	12626
Working speed	Km Hrs	5
Drum offset right	mm	80
Steering lock angle	dig	36°
Oscillation angle	dig	13°
Inner turning radius	m	2.33
Gradeability with vibration up to	%	30

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All available variants: JCB I16 and VMT 860eco



### STATIC DIMENSIONS

A	Wheelbase	m	2.03
B	Overall width	m	1.35
C	Drum diameter	mm	700
D	Height to top of seat	m	1.73
E	Height to top of roof	m	2.56
F	Ground clearance	mm	250
G	Curb clearance	mm	593
H	Total travel length	m	2.82
J	Drum thickness	m	13.5
K	Drum width	m	1.25

### BRAKING SYSTEM

Service brake	Hydrostatic
Parking brake	Spring applied, hydraulically released

### ELECTRICAL SYSTEM

Voltage	V	12
Battery capacity	Ah	80
Alternator	A	65

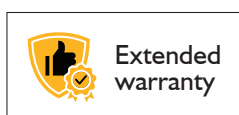
### DRIVERS STAND/INSTRUMENTS

Isolated operator stand, sliding operator seat, ergonomic drive lever, storage for manuals and tools, fuse box well accessible on the side of the steering column, dashboard with all functions, access and egress to driver stand from both sides with large steps and ergonomic handrails.

### OPTIONS

Instrument panel cover & lift pump for filling tanks

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