

JCB TANDEM VIBRATORY ROLLER | VMT260



A Product
of Hard Work

Setting new standards

The new VMT260 tandem rollers are quite simply the most productive machines available in this high volume sector. In fact, it is safe to say that with this range, JCB has established a new benchmark together in choice, comfort, control, reliability, serviceability and performance.

Sharing the same design as the VMT160, the VMT260 range consists of two models: the VMT260-100 and VMT260-120 have drum widths of 1000mm and 1200mm respectively.

All of these models benefit from the inclusion of a class-leading 95-litre diesel tank combined with a 230-litre water tank. This allows the VMT260 to work at maximum capacity for much longer than its nearest rivals, giving you over a whole working day of extra usage.

We have also introduced new, ergonomic seating and conveniently positioned, user-friendly controls. So whatever you're doing (from rolling sub-base and finish rolling asphalt materials, to patch and repair works) and wherever you're doing it (access roads, yards, residential streets, car parks, highways, airports) these rollers are simplicity itself to operate.

Add all of this to JCB's legendary build quality and the best back up in the business, and you have a range of tandem rollers that just can't be beaten.

WORK FLAT OUT



FOR OVER TWICE AS LONG



A Product
of Hard Work

FAST FACTS

- Largest diesel and water tanks mean you can work flat out for over twice as long
- Three-cylinder, water-cooled, four-stroke diesel engine delivers maximum power
- Electrically controlled hydrostatic direct drive on both drums enhances versatility
- Automatic Vibration Control (AVC) as standard
- Superb stability increases operating safety



Power and performance

The JCB Vibromax VMT range is renowned for its excellent combination of static weight, centrifugal force, amplitude, tight turning circle and fast rolling speed. The new VMT260s boast these same key qualities as well as adding greater power, performance and attention to detail into the mix.

Perhaps the most impressive development to have been incorporated into these machines is the high capacity fuel and water tanks, which enable them to outperform all the competition when it comes to productivity. The 95-litre diesel engine tank is nearly double the market average of 40–50 litres, while the 230-litre water tank is significantly greater than the 180–200 litre market average.

What this all means is that, based on an average consumption of 5 litres of diesel per hour, the VMT260 gives you 10 hours' extra usage than the competition. Basically these machines can work flat out for over twice as long.

Both machines feature a new three-cylinder, water-cooled, four-stroke diesel engine that delivers maximum power at reduced noise levels. Electrically controlled hydrostatic direct drive on both drums enables you to maximise performance on any application by selecting double vibration, single front

vibration or single rear vibration. VMT260s feature Automatic Vibration Control (AVC) as standard, while exceptional stability provides optimum operating safety. Plus, manual drum offset of +/- 80mm is standard.

Such incredible power and performance, plus the added versatility that comes from being easily transportable equals a compaction solution that is fast becoming indispensable.







Comfortable, controllable, reliable

In a sector renowned for the somewhat 'basic' design of its equipment, the new modern styling of the VMT260 will come as a very welcome change. These machines are designed with operator comfort and safety firmly in mind.

The fully adjustable, comfortable and spacious seating position, featuring armrests, cup holder and safety switch, is easily accessible from both sides of the machine. It also offers a clear view for increased accuracy and safety while work is in progress.

Safety on site is enhanced by a reverse alarm, emergency stop button and front and rear working lights as standard, with optional foldable or fixed ROPS frame, lights for road traffic and a flashing beacon.

The new VMT260 also features a newly designed control layout, with simple and clearly labelled controls and an informative indicator dashboard, making operation much more user friendly. Meanwhile, precision control is achieved through the ergonomic driving lever and engine speed control.

Furthermore the VMT260 possesses excellent manoeuvrability characteristics combined with fast rolling speeds making it a highly flexible machine to cater for all on-site requirements.

As you would expect from a world-class manufacturer with a reputation for excellence, the build quality of the VMT260 models is of the highest standard, ensuring you maximum durability and reliability. And as for servicing, we've made life easier by reducing maintenance requirements and ensuring all routine checks are easily accessible.

Power and performance just don't come in a more comfortable, controllable or reliable package.



FAST FACTS

- New design for improved operator comfort combined with extreme robustness
- Fully adjustable, spacious seating is accessible from both sides
- Excellent manoeuvrability characteristics and fast rolling speeds
- Newly designed control layout makes for intuitive operation
- Ergonomic driving lever and engine speed control improve controllability



VMT260 MACHIN

DRIVER'S PLATFORM

- Very spacious, comfortable and adjustable driver's seat with arm rests
- Access from both sides of machine
- Optimal visibility
- Cup holder
- Unique driver stand isolation protects against vibration through optimised rubber mounting system

CHASSIS

- Robust and strong, articulated
- Heavy duty maintenance free centre joint
- +/- 80mm drum offset
- Equal weight distribution (front and rear)

VIBRATION

- AVC – Automatic Vibration Control
- Double, or single-front, or single-rear vibration

BRAKES

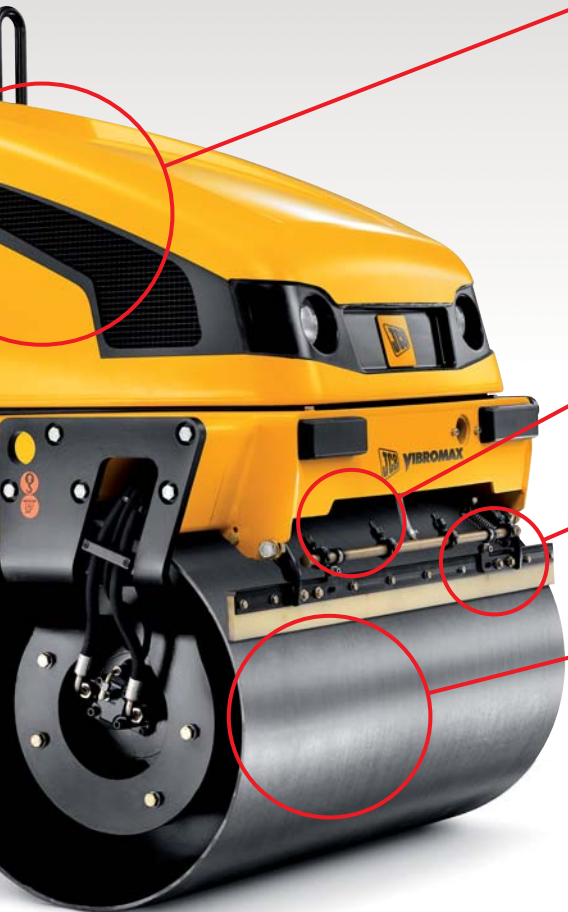
- Spring-applied, hydraulically released parking brakes on each drum

COMPONENTS

- High quality, reliable components
- Proven over many years
- Powerful, water-cooled and low-noise diesel engine



THE WALKAROUND



SERVICE ACCESS

- 100% access to all components under lightweight hood, electrics in steering column

WATER SPRINKLER SYSTEM

- 2 solid brass spray bars on each drum
- Changeable nozzles with excellent service access
- Pressurised water system
- Very large water tank of 230 litres

SCRAPERS

- 2 per drum
- Spring loaded for optimised use and prolonged life

DRUMS

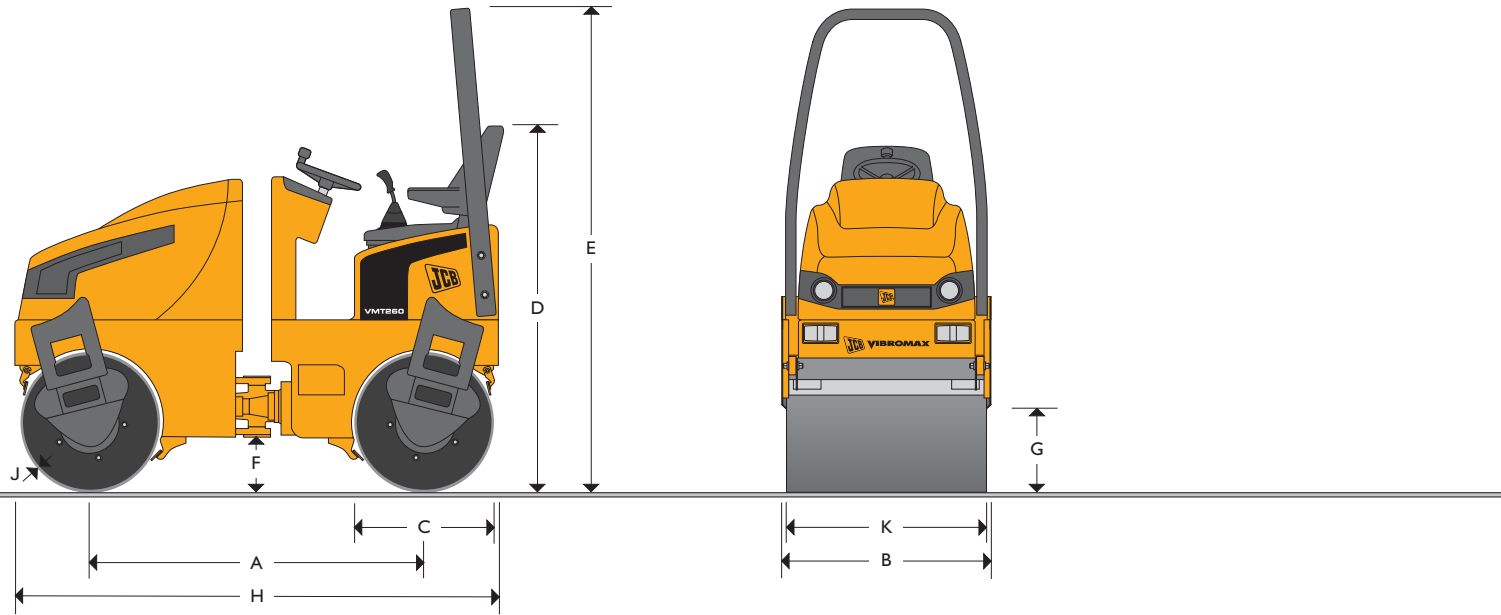
- Strong and reliable vibration and drive motors
- Oil splash lubricated exciter shaft bearings
- Hydrostatic propulsion and vibration on both drums
- Machined drum surfaces for concentricity
- Single piece circular exciter for long life



JCB VIBROMAX – COMPACTION EQUIPMENT TANDEM VIBRATORY ROLLER VMT260



DRUM WIDTH: 1000mm – 1200mm (39.4in – 47.2in)
OPERATING WEIGHT: 2600kg – 2700kg (5732lb – 5952lb)



STATIC DIMENSIONS

Dimensions in millimetres (in)	VMT260-100	VMT260-120
A Wheelbase	1700 (66.9)	1700 (66.9)
B Overall width	1080 (42.5)	1280 (50.4)
C Drum diameter	700 (27.5)	700 (27.5)
D Height to top of seat	1760 (69.3)	1760 (69.3)
E Height to top of ROPS	2480 (97.6)	2480 (97.6)
F Ground clearance	270 (10.6)	270 (10.6)
G Curb clearance	550 (21.6)	550 (21.6)
H Total travel length	2490 (98)	2490 (98)
J Drum thickness	12 (0.47)	12 (0.47)
K Drum width	1000 (39.3)	1200 (47.2)

OPERATING DATA

Operating data		VMT260-100	VMT260-120
Nominal weight	kg	2440	2700
Operating weight (CECE)	kg	2670	2940
Maximum operating weight	kg	2790	3050
Working width	mm	1000	1200
Operating linear load	kg/cm	13.4	12.3
Exciter frequency	Hz	50 ... 60	50 ... 66
Nominal amplitude	mm	0.50	0.50
Centrifugal force (each drum)	kN	26 ... 45	26 ... 45
Max. Working speed	km/h	0 ... 11	0 ... 11
Drum offset left / right (Option)	mm	80	80
Steering lock angle	°	±35	±35
Oscillation angle	°	±8	±8
Inner turning radius	mm	2200	2100
Gradeability with vibration up to	° (%)	17 (30)	17 (30)
Gradeability without vibration up to	° (%)	22 (40)	22 (40)



JCB VIBROMAX – COMPACTION EQUIPMENT TANDEM VIBRATORY ROLLER VMT260



ENGINE

Make		KUBOTA
Model		D1703
Type		3 cylinder, water-cooled, four-stroke diesel engine
Piston displacement	cm ³	1499
Performance	kW (hp)	24.4 (33.2)
Operating speed	min ⁻¹ (rpm)	2800
Starting device		Electric motor
Air cleaner		Dry cartridge plus safety cartridge
Fuel filter		Cartridge
Fuel consumption	l/h	5.0

PROPULSION

Hydrostatic with variable displacement pump and fixed displacement motors with direct drive to both drums = double drum drive.

EXCITER DRIVE

Electrically controlled hydrostatic direct drive on both drums for double vibration or single vibration front or rear.

EXCITER

Single-shaft circular exciter for superior durability.

STEERING SYSTEM

Servo assisted center articulation with oscillation facility.

SERVICE CAPACITIES

Fuel	litres	95
Sprinkler water	litres	230

BRAKING SYSTEM

Service brake: Hydrostatic propulsion system.
Parking brake: Hydraulically released brake on both drums (SAHR).

ELECTRICAL SYSTEM

Working lights, backup alarm, safety switch in operators seat

Voltage	V	12
Battery capacity	Ah	66
Alternator	A	40

DRIVERS STAND/INSTRUMENTS

Fuel, battery charging current, sprinkler system, parking brake, hour meter, engine oil pressure, air filter condition, hydraulic oil level and temperature, water level indicator.

OPTIONS

ROPS (standard at CE), foldable ROPS, lights for road traffic, flashing beacon.



A Product
of Hard Work

THE BEST BACK-UP IN THE BUSINESS

Always on hand to help

You demand more from your machines than ever before: more efficiency, more reliability, more performance. That's why superb product support has never been so vital.



Together with our extensive dealer network, at JCB we're as innovative and forward-thinking when it comes to customer care as we are in machine development. Our product support and after-sales service have one aim: to give you peace of mind.

The care and quality we offer is exceptional. All servicing is carried out by the best, factory-trained JCB engineers. Using the internet to pass vital information between on-site service personnel and our product support engineers, these professionals always have specialist information at their fingertips, so they can get you up and running again, faster.

Protect your machine and your cashflow

Everyone has individual needs and preferences. So we offer a range of service options all designed to help you cope with the unexpected and minimise costly downtime. Whether it's additional breakdown cover, an all-inclusive scheduled service programme, or servicing, we've got the best service option for you.



Finance packages, tailored to your needs

With ever-growing pressures on cashflows, the finance options available through JCB can provide a vital lifeline. Backed by JCB Finance, who can provide tax-efficient and cost-effective finance solutions, designed and tailored specifically to your needs.

Trust the genuine article

JCB parts are renowned worldwide for performance, reliability and safety. With replacement parts, we supply only the genuine

article, helping to safeguard the impressive residual values that you can expect in years to come.

As well as large stocks of parts engineered specifically for your machine, your JCB dealer also holds an extensive range of JCB: Filters, Lubricants, Grease, Wearparts, Tyres, Rubber Tracks and Service Exchange Components all manufactured to the same exacting standards. Your requirements can usually be supplied immediately by our dealers, but where this is not possible they can be ordered through the direct computer link between your dealer and JCB Service and processed through our impressive automated World Parts Centre warehouse. Despatch is normally the same day either to you or the dealer.

Whether we're providing you with support, parts or finance, we aim for 100% satisfaction. It's all part of our promise to put you, the customer, first.



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9999/5328 10/08 Issue 3



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