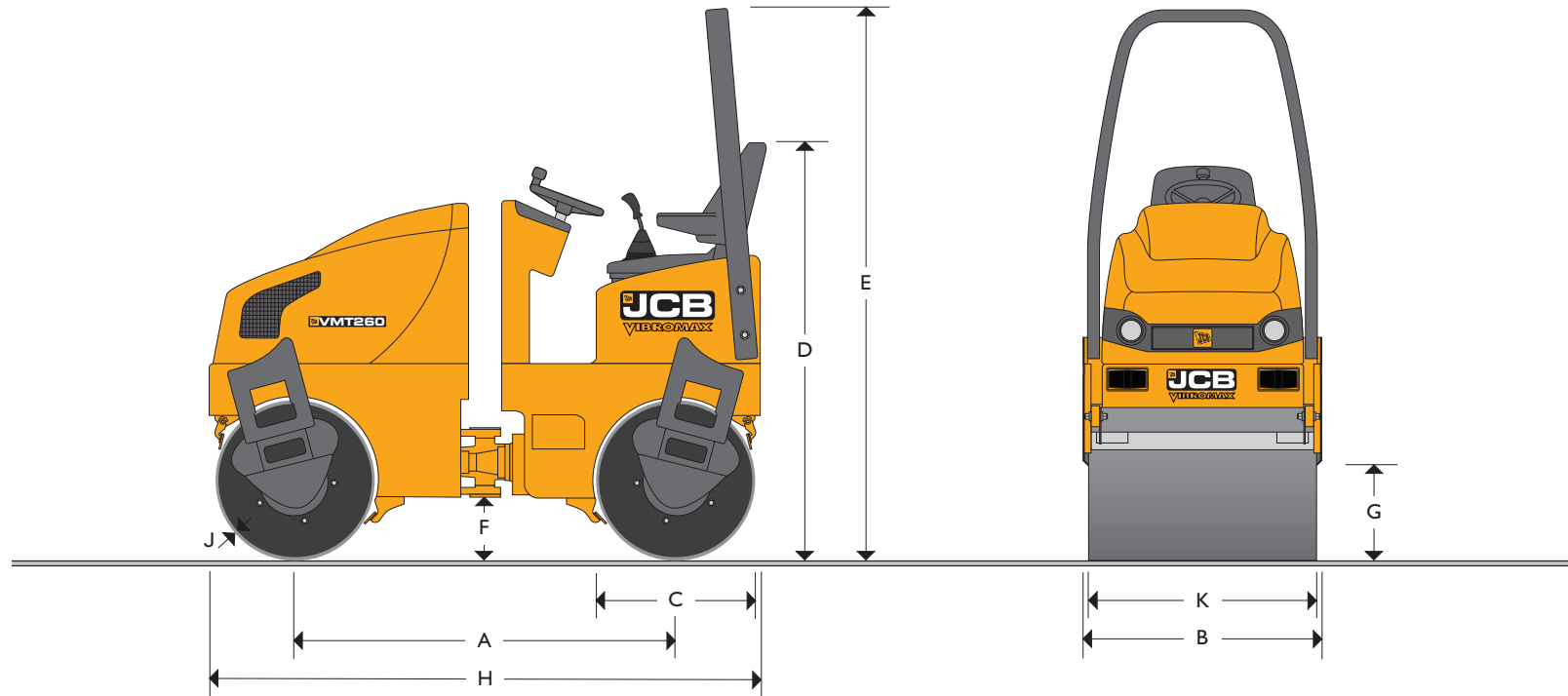




DRUM WIDTH: 35.4 in (900 mm) OPERATING WEIGHT: 3,638 lb (1,650 kg) MAX HORSEPOWER: 23 hp Tier IV Engine



STATIC DIMENSIONS

Dimensions in inches (mm)	VMT160-90
A Wheelbase	53.2 (1350)
B Overall Width	38.6 (980)
C Drum Diameter	22.8 (580)
D Height to Top of Seat	63 (1600)
E Height to Top of ROPS	91.3 (2320)
F Ground Clearance	11.4 (290)
G Curb Clearance	13.8 (350)
H Total Travel Length	84.25 (2140)
J Drum Thickness	0.47 (12)
K Drum Width	35.4 (900)

OPERATING DATA

		VMT160-90
Operating Weight	lb (kg)	3638 (1650)
Working Width	in (mm)	35.4 (900)
Operating Linear Load	lb/in (kg/cm)	52 (9.2)
Exciter Frequency	vpm (Hz)	3000-3960 (50-66)
Nominal Amplitude	in (mm)	0.02 (0.5)
Centrifugal Force (each drum)	lbf (kN)	2068-4047 (9.2-18)
Max Working Speed	mph (km/h)	0-5.6 (0-9)
Drum Offset Left / Right (manual)	in (mm)	2.56 (65)
Steering Angle	degrees	±30
Oscillation Angle	degrees	±8
Inner Turning Radius	in (mm)	81.5 (2070)
Gradeability with Vibration up to	degrees (%)	17 (30)
Gradeability without Vibration up to	degrees (%)	22 (40)

**ENGINE**

Make		KUBOTA
Model		D1005 E3B
Type		3 Cylinder, Water-cooled, Four-stroke Diesel Engine
Engine Displacement	in ³ (cm ³)	61.1 (1001)
Performance - SAE J 1995	hp (kW)	22.5 (16.8)
Operating Speed	min ⁻¹ (rpm)	3000
Starting Device		Electric Motor
Air Cleaner		Dry Cartridge Plus Safety Cartridge
Fuel Filter		Cartridge
Fuel Consumption	gal/h (l/h)	0.66 (2.5)
Emission Certification		EPA Tier IV (EU Stage 4)

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, AVC (automatic vibration control).

EXCITER

Single-shaft circular exciter.

STEERING SYSTEM

Servo assisted, maintenance free center articulation with oscillation facility front and rear winching points.

SERVICE CAPACITIES

Fuel	gal (l)	12 (45)
Sprinkler Water	gal (l)	33.0 (125)

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	45
Alternator	A	40

SPRINKLER/SCRAPER

Pressurized sprinkling system, Spring loaded retractable scraper (two each drum), changeable nozzles, multiple water filtering.

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, cup holder, comfortable adjustable operator seat.

OPTIONS

ROPS (standard at CE), foldable ROPS, Total Side Clearance (TSC) operation (160-90), sunroof, drum offset, lights for road traffic, flashing beacon, battery isolating switch, central lifting eye, arm rest.



A GLOBAL COMMITMENT TO QUALITY

JCB's total commitment to its products and customers has helped it grow from a one-man business into one of the world's largest manufacturers of backhoe loaders, crawler excavators, wheeled excavators, telescopic handlers, wheeled loaders, dump trucks, rough terrain fork lifts, industrial fork lifts, mini/midi excavators, skid steer loaders and tractors.

By making constant and massive investments in the latest production technology, the JCB factories have become some of the most advanced in the world.

By leading the field in innovative research and design, extensive testing and stringent quality control, JCB machines have become renowned all over the world for performance, value and reliability.

And with an extensive dealer sales and service network in over 150 countries, we aim to deliver the best customer support in the industry.

Through setting the standards by which others are judged, JCB has become one of the world's most impressive success stories.



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