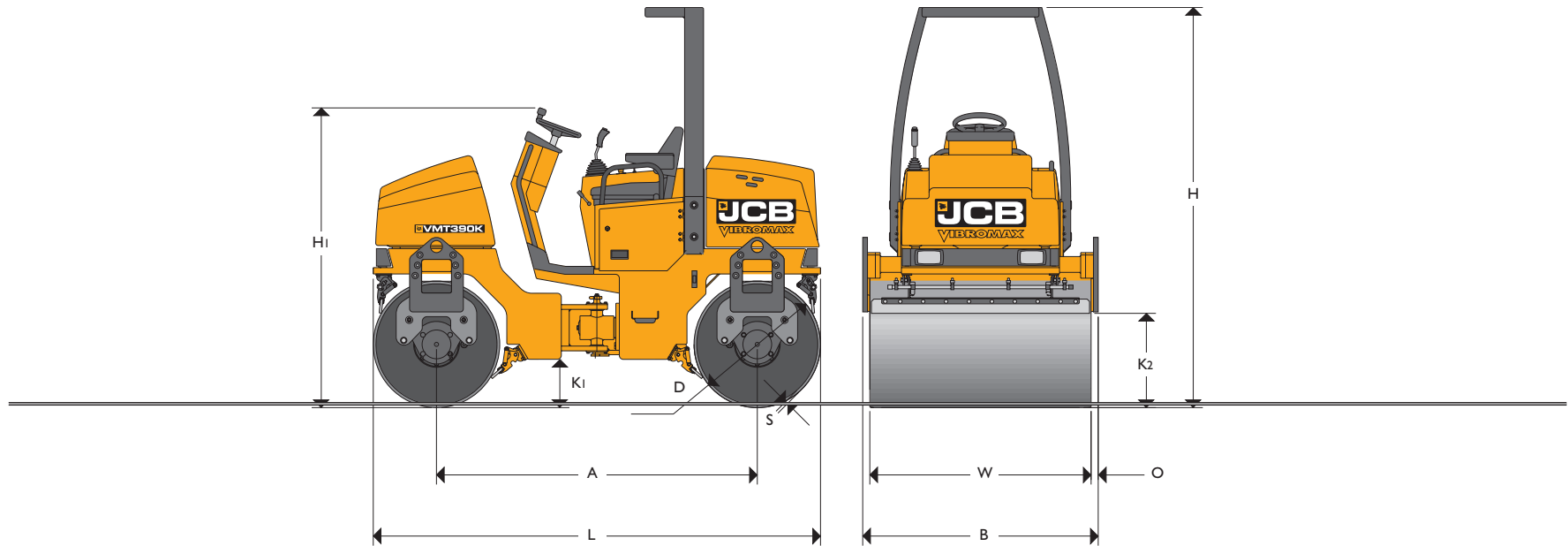




DRUM WIDTH: 51.2 in (1,300 mm) / 55.1 in (1,400 mm) MAX OPERATING WEIGHT: 8,598 lb (3,900 kg) / 8,774 lbs (3,980 kg) MAX HORSEPOWER: 47 hp



STATIC DIMENSIONS

Dimensions in inches (mm)	
A Wheelbase	79.9 (2300)
B Overall Width	54.7 (1390) / 58.7 (1490)
D Drum Diameter	31.5 (800)
H Total Travel Clearance	99.6 (2530)
H1 Height to Top of Seat	74.6 (1895)
K1 Ground Clearance	12 (305)
K2 Curb Clearance	23.6 (600)
L Total Travel Length	111.4 (2830)
O Overhang	1.8 (45)
S Drum Thickness	0.7 (17)
W Drum Width	51.2 (1300) / 55.1 (1400)

OPERATING DATA

		VMT390	VMT400
Operating Weight (CECE)	lb (kg)	8598 (3900)	8774 (3980)
Linear Load	lb/in (kg/cm)	84 (15)	78 (14.2)
Exciter Frequency	vpm (Hz)	3300 (55)	3300 (55)
Nominal Amplitude	in (mm)	0.02 (0.51)	0.02 (0.51)
Centrifugal Force per Drum	lbf (kN)	10,791 (48)	11,465 (51)
Centrifugal Force / Drum Width	lbf/in (N/cm)	233 (408)	208 (364)
Working Speed (forward/reverse)	mph (km/h)	0-3.7 (0-6)	0-3.7 (0-6)
Travel Speed (forward/reverse)	mph (km/h)	0-6.8 (0-11)	0-6.8 (0-11)
Drum Offset Left / Right (option)	in (mm)	5 (127)	5 (127)
Compaction Depth up to	in (cm)	19.7 (50)	19.7 (50)
Steering Lock Angle	degrees	±36	±36
Vertical Oscillation	degrees	±8	±8
Inner Turning Radius	in (m)	95.7 (2.43)	93.7 (2.38)
Gradeability up to	degrees (%)	40 (22)	40 (22)

**ENGINE**

Four-cylinder, water-cooled, four-stroke diesel engine.

Make		Kubota
Model		V 2203
Engine Displacement	in ³ (cm ³)	134 (2197)
Performance – DIN 6271	hp (kW)	46.6 (34.3)
Operating Speed	rpm (min ⁻¹)	2800 (2800)
Starting Device		Electric Motor
Air Cleaner		Dry Cartridge Plus Safety Cartridge
Fuel Filter		Cartridge
Fuel Consumption	gal/h (l/h)	2.25 (8.5)

PROPULSION

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

EXCITER DRIVE

Electrically controlled hydrostatic direct drive on both drums.

EXCITER

Single-shaft circular exciter.

STEERING SYSTEM

Servo-assisted center articulation with oscillation.

SERVICE CAPACITIES

Fuel	gal (l)	20.1 (76)
Engine Oil (engine)	qt (l)	10 (9.5)
Gear Oil (each exciter)	qt (l)	*see below
Hydraulic Oil (system)	gal (l)	13.2 (50)
Sprinkler Water	gal (l)	79.3 (300)

*390 - .84 quarts (.8 liters) 400 - 1.3 quarts (1.2 liters)

BRAKING SYSTEM

- Service Brake:** Hydrostatic propulsion system.
Parking Brake: Hydrostatically released multi-disc brake on both drums.
Safety Brake: Safety switch parking brake, operator's seat (optional).

ELECTRICAL SYSTEM

Voltage	V	12
Battery Capacity	Ah	88
Alternator	A	Max 45

INDICATORS AND SWITCHES

Fuel, battery charging current, starter lock, vibration, sprinkler system, parking brake, hour meter, engine oil pressure, air and hydraulic oil filter condition.



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.

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