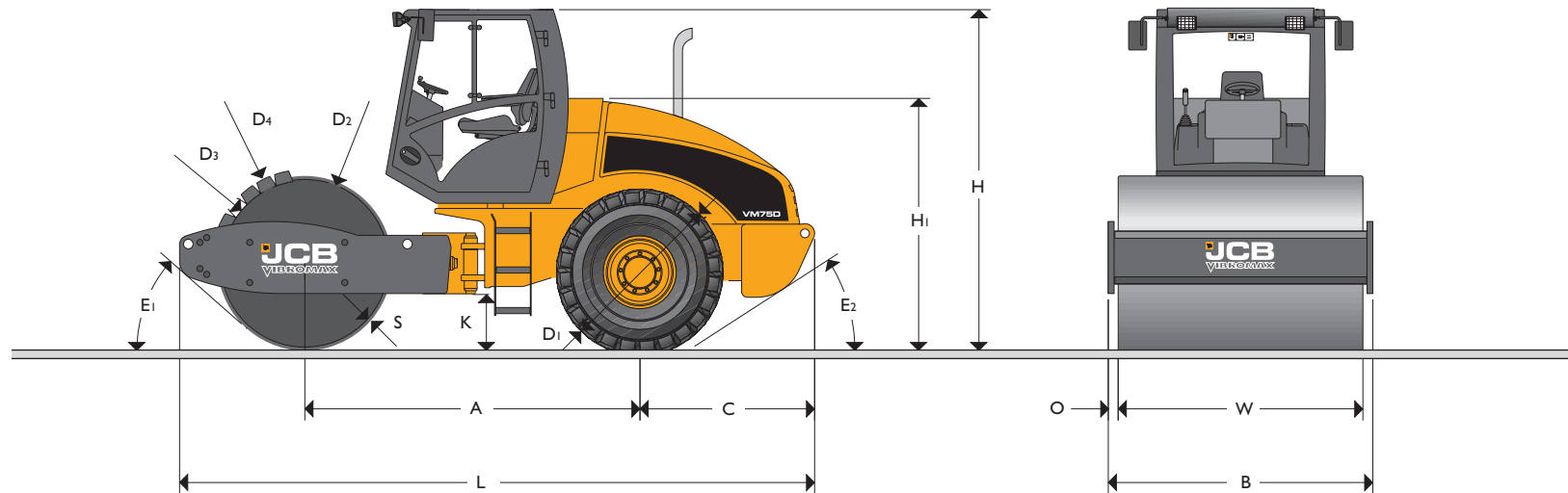




DRUM WIDTH: 68.9 in (1,750 mm) MAX OPERATING WEIGHT: 16,094 lb (7,300 kg) / 16,755 lb (7,600 kg) MAX HORSEPOWER: 84 hp



STATIC DIMENSIONS

Dimensions in inches (mm)		
A	Wheelbase	99.0 (2514)
B	Overall Width	73.6 (1870)
C	Axle to Rear Face	57.9 (1470)
D1	Wheel Diameter	51.1 (1298)
D2	Drum Diameter (smooth drum)	48.0 (1220)
D3	Inner Diameter padfoot drum	44.9 (1140)
D4	Outer Diameter Padfoot Drum	51.2 (1300)
H	Total Travel Clearance	112.0 (2845)
H1	Height to Top of Seat	81.5 (2070)
K	Ground Clearance	15.3 (389)
L	Total Travel Length	192.4 (4887)
O	Overhang	2.4 (60)
S	Drum Thickness	1.0 (25)
W	Drum Width	68.9 (1750)
E1	Front Departure Angle	40°
E2	Rear Departure Angle	28°

OPERATING DATA

		VM75D		VM75PD	
Operating Weight Max	lb (kg)	16,094 (7300)		16,755 (7600)	
Operating Axle Load Front / Rear	lb (kg)	7937 (3600) / 8157 (3700)		8598 (3900) / 8157 (3700)	
Operating Linear Load Front	lb/in (kg/cm)	115 (20.6)			
Vibration Stage		1	2	1	2
Exciter Frequency	vpm (Hz)	1740 (29)	2160 (36)	1740 (29)	2160 (36)
Nominal Amplitude	in (mm)	0.079 (2)	0.031 (0.8)	0.079 (2)	0.031 (0.8)
Centrifugal Force per Drum	lbf (kN)	31,024 (138)	18,884 (84)	35,070 (156)	21,582 (96)
Centrifugal Force / Drum Width	lbf/in (N/cm)	450 (789)	274 (480)	509 (891)	313 (549)
Compaction Depth up to	in (cm)	26 (65)	20 (50)	30 (75)	24 (60)
Working Speed (forward/reverse) Max	mph (km/h)	4.3 (6.9)		4.3 (6.9)	
Travel Speed (forward/reverse) Max	mhp (km/h)	6.8 (11)		6.8 (11)	
Steering Lock Angle	degrees	±28		±28	
Vertical Oscillation	degrees	±15		±15	
Inner Turning Radius	in (m)	117 (2.97)		117 (2.97)	
Tires		14.9 - 24 / 6PR AWT		14.9 - 24 Dyna Torque II	
Number of Padfeet				100	
Height of Padfoot	in (mm)			3.1 (80)	
Gradeability up to	degrees (%)	31 (60)		33 (65)	

**ENGINE**

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

Make		JCB
Model		Dieslemax 63TC
Engine Displacement	in ³ (Cm ³)	268 (4399)
Performance – DIN 6271	hp (kW)	84 (63) ISO 14396
Operating Speed	rpm (min ⁻¹)	2200 (2200)
Starting Device		Electric motor
Air Cleaner		Dry Cartridge Plus Safety Cartridge
Fuel Filter		Cartridge

PROPULSION

Infinitely variable hydrostatic direct drive by variable displacement motor on rear axle and drum, Multidisc self-locking differential (NoSPIN).

EXCITER DRIVE

Electrically controlled hydrostatic direct drive on drum.

EXCITER

Single-shaft circular exciter with overturning weights.

STEERING SYSTEM

Servo assisted center articulation with vertical oscillation.

SERVICE CAPACITIES

Fuel	gal (l)	60.8 (230)
Engine Oil (engine)	gal (l)	2.1 (8)
Gear Oil (exciter)	gal (l)	0.8 (3)
Hydraulic Oil	gal (l)	21.1 (80)
Coolant	gal (l)	3.7 (14)

BRAKING SYSTEM

Service Brake:	Hydrostatic propulsion system.
Parking Brake:	Hydraulically released multi-disk brake on rear axle and drum drive.
Emergency Brake:	Electrically controlled.

ELECTRICAL SYSTEM

Voltage	V	12
Battery Capacity	Ah	143
Alternator	A	Max 60

INDICATORS AND SWITCHES

Hour meter, fuel, engine temperature, engine oil pressure, battery charging current, hydraulic oil and air filter condition, parking brake, neutral position control lever, speed range selection, frequency. Optional lighting, turn signal, hazard-warning lights.



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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