

VM 115 JCB Vibratory Road Roller Compactor Specification

ENGINE

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

Make	JCB
Model	JCB Dieselmix TCA-85
Total displacement (cm ³)	4399
Gross Power (hp)	114
Operating speed (rpm)	2200
Starting device	Electric Motor
Air Cleaner	Two stage dry type
Fuel filter	Cartridge
Emission	BS-III confirms to CMVR norms

PROPULSION

Infinitely variable hydrostatic direct drive by variable displacement motor on rear axle and drum (on drum drive machine), Limited slip axle.

EXCITER DRIVE

Electrically controlled hydrostatic direct drive on drum.

EXCITER

Single-shaft circular exciter with overturning weights.

STEERING SYSTEM

Servo assisted center articulation with automatic oscillation.

SERVICE CAPACITIES

Fuel	liters	300
Engine oil (engine)	liters	14
Gear oil (exciter)	liters	3.5
Hydraulic oil	liters	80
Coolant / System	liters	22

BRAKING SYSTEM

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

ELECTRICAL SYSTEM

Voltage	V	12
Battery capacity	Ah	130
Alternator (Current carrying capacity)	A	95

INDICATORS AND SWITCHES

RPM cum Hour meter, fuel gauge, engine temperature gauge Indicators for engine oil pressure battery charging current, hydraulic oil and air filter condition, parking brake, neutral position control lever, Switches for Speed range selection, frequency, acoustic back-up alarm, 4 Working lights, head lamps, turn signal, hazard-warning lights.

OPTIONS

ROPS & FOPS Cab, ROPS & FOPS Canopy, Compatronic, Padded foot drum shell, Water sprinkler kit, Pressure Measuring station.