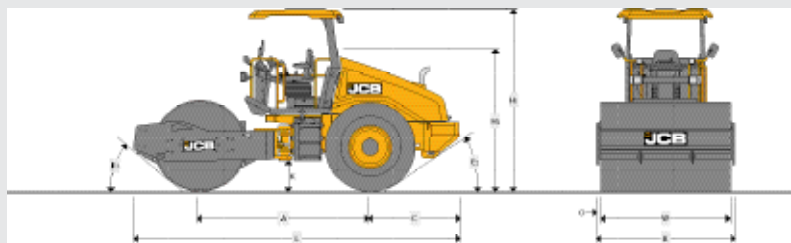


STATIC DIMENSIONS



STATIC DIMENSIONS		CANOPY	CANOPY ROPS/FOPS	CABIN ROPS/FOPS
A	Wheelbase	mm	2846	
B	Overall width	mm	2240	
C	Axle to rear face	mm	1517	
E1	Front departure angle	degrees	39	
E2	Rear departure angle	degrees	34	
H1	Total travel clearance	mm	2995	3020
H2	Height to top of seat (unfolded)	mm	2280	
K	Ground clearance	mm	443	
L	Total travel length	mm	5473	
O	Overhang	mm	70	
W	Drum width	mm	2100	
	Drum diameter	mm	1500	
	Drum shell thickness	mm	28 + 10	
	Inner drum diameter (PD shell kit)	mm	1500	
	Outer drum diameter (PS shell kit)	mm	1680	

ENGINE

Manufacturer		JCB
Model		JCB DIESELMAX TCA-85
Total displacement	cm ³	4399
Gross power	kW (hp)	85 (114)
Operating speed / Rated speed	rpm	2000 / 2200
Starting device		Electric motor
Air filter		Two stage dry type
Air filter cleaning		Scavenge system
Fuel filter		Cartridge
Emmission level		Tier III

SERVICE CAPACITIES

Fuel	litres	300
Engine oil	litres	14
Gear oil (exciter)	litres	5
Hydraulic oil	litres	80
Coolant	litres	21

PROPULSION

Infinitely variable hydrostatic direct drive by fixed displacement motor on rear axle and drum. JCB axle with limited slip differential (LSD).

EXCITER DRIVE

Electronically-controlled hydrostatic direct drive on drum.

OPERATING DATA

		CANOPY	CANOPY ROPS/FOPS	CABIN ROPS/FOPS
Operating weight CECE	kg	11560	11680	11920
Maximum operating weight	kg		13420	
Operating axle load front / rear	kg	6680 / 4880	6740 / 4940	7170 / 4980
Static linear load	kg/cm	31.8	32.1	34.2
Vibration			1 / 2	
Frequency	Hz (vpm)		32 (1920) / 36 (2160)	
Amplitude	mm		1.80 / 0.80	
Centrifugal force	kN		256 / 147	
Working speed (forward / reverse) max.	km/h		0 – 5	
Travel speed (forward / reverse) max.	km/h		0 – 10.5	
Steering lock angle	degrees		35	
Oscillation angle	degrees		15	
Inner turning radius	mm		3400	
Tyres			23.1 – 26	
Number of padfeet (optional PD shell)			132	
Height of padfeet (optional PD shell)			90	
Gradeability up to (drum drive)	degrees		28.5 / 55	

ELECTRICAL SYSTEM

Voltage	V	12
Battery capacity	Ah	120
Alternator	V	90

EXCITER

Dual-amplitude circular exciter with overturning weights.

STEERING SYSTEM

Servo assisted centre articulation with automatic oscillation – all free of maintenance.

BRAKING SYSTEM

Service brake: Hydrostatic propulsion system.

Parking brake: Hydraulically-released multi-disk brake on rear axle and drum drive.

Emergency brake: Electronically-controlled, disk brake, on rear axle and drum drive.

INDICATORS AND SWITCHES

Engine RPM with 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, four working lights, head lamps, turn signal, hazard-warning lights.

STANDARD CONFIGURATION

2 frequencies, automatic vibration control (AVC), remote engine oil drain, one key fits all, centralised service station for the hydraulic system, parts book, operator manual, LIVELINK telematics, travel speed and torque selector with 4 modes (working speed, travel speed, gradients and use of padfoot shells), working lights, road travel lights, air filter scavenge system, towing pump, heavy-duty vibrator coupling.

ROPS/FOPS CABIN: Flat glasses, adjustable operator seat with seat belt, air-condition, heating, document pouch, cup holder, fan guard, fuel lubrication filter, polyurethane scrapers, main battery switch, rotating beacon, grid heater, CE Marking (EAC for Russian and CIS).

ROPS/FOPS CANOPY: Adjustable operator seat with seat belt with seat belt, document pouch, cup holder, fan guard, fuel lubrication filter, polyurethane scrapers, main battery switch, rotating beacon, anti-vandal cover for dashboard, handrails.

CANOPY NO ROPS: Adjustable operator seat with seat belt with seat belt, document pouch, cup holder, anti-vandal cover for dashboard, handrails.

OPTIONS

COMPATRONIC (compaction measurement device), padfoot shell-kit (3 segments complete with scrapers).