JCB LOADALL 540-170

MAX. PAYLOAD: 4.0 tonnes (8820 b) MAX. LIFT HEIGHT: 16.7 metres (54ft 9in)

STATIC DIMENSIONS		m (ft-in)
Overall height		2.69 (8-10)
Overall width (over t	Dependant upon tyre specified.	2.44 (8-0)
Inside width of cab		0.94 (3-1)
Front track		1.90 (6-3)
Wheelbase		2.75 (9-0)
Overall length to front tyres		5.08 (16-8)
Overall length to front carriage		6.36 (20-10)
Ground clearance		0.40 (1-4)
Front wheel centre to carriage		1.94 (6-4)
Rear wheel centre to rear face		1.67 (5-5)
Overall width with stabilisers fully deployed		3.51 (11-5)
Outside turn radius (over tyres)		4.1 (13-5)
Carriage roll back angle	degrees	39
Carriage dump angle	degrees	8.8
Weight	kg (lb)	12470 (27490)
Tyres		15.5/80-24

LIFT PERFORMANCE – STABILISERS EXTENDED	Complies with stability test EN 1459 Annex B.	
Maximum lift capacity	kg (lb)	4000 (8820)
Lift capacity to full height	kg (lb)	2500 (5510)
Lift capacity at full reach	kg (lb)	600 (1320)
Lift height	m (ft-in)	16.7 (54-9)
Reach at maximum lift height	m (ft-in)	2.05 (6-9)
Maximum forward reach	m (ft-in)	12.50 (41-0)
Reach with 1 tonne load	m (ft-in)	10.50 (34-5)
Placing Height	m (ft-in)	16.20 (53-2)

LIFT PERFORMANCE – STABILISERS RETRACTED	Complies with stability test EN 1459 Annex B.	
Maximum lift capacity	kg (lb)	4000 (8820)
Lift capacity to maximum lift height	kg (lb)	1500 (3310)
Lift capacity at full reach	kg (lb)	0 (0)
Maximum lift height	m (ft-in)	11.57 (37-11)
Reach at maximum lift height	m (ft-in)	4.15 (13-7)
Maximum forward reach	m (ft-in)	9.04 (29-8)
Reach with 1 tonne load	m (ft-in)	6.00 (19-8)
Placing Height	m (ft-in)	10.90 (35-9)

ENGINE		Standard	Option
Displacement	ltr (in^3)	4.4 (269)	4.4 (269)
No. of cylinders		4	4
Bore size	mm (in)	103 (4.05)	103 (4.05)
Stroke	mm (in)	132 (5.0)	132 (5.0)
Aspirat on		Turbo	Turbo Intercooled
Power rating			
Power @ 2200rpm	kW (HP)	74.2 (100)	93 (125)
Torque rating			
Torque @ 1300rpm	Nm (lbf ft)	425 (313)	525 (387)

SERVICE CAPACITIES		
Fuel tank	litres (UK gal)	125 (27.5)
Hydraulic tank	litres (UK gal)	150 (33.0)
Coolant	litres (UK gal)	23 (5.1)

HYDRAULICS	Twin gear pump, with suction strainer and filter allows simultaneous operation of raise/lower and extend/retract.	
Operating system pressure	bar (psi)	260 (3770)
Flow at system pressure @ 2200rpm	ltr/min	90+ 72
Hydraulic Cycle Times		Seconds
Stabiliser lower		6.6
Stabiliser lift		4.9
Boom raise and extend		41.8
Boom lower and retract		33
Bucket dump		4.7
Bucket crowd		5.1

OPTIONS:

Options: Front and rear working lights, rotating flashing beacon, fire extinguisher, industrial tyres, electrical 2/4WD disconnect, windscreen and roof guard, air suspension seat, deluxe cab trim with smoking pack, roof and front screen blind, radio kit, air conditioning.