

JCB LOADALL 520₅₀

MAX. LIFT HEIGHT:
MAX. PAYLOAD:
MAX. HORSEPOWER:

5 metres (16ft 5in)
2.0 tonnes (4409lb)
57.5 kW (77hp)

STATIC DIMENSIONS

		m (ft-in)
Overall height		2.12 (6-11)
Inside width of cab		0.80 (2-7)
Width over tyres (min)		1.84 (6-0)
Front track		1.53 (5-0)
Wheel base		2.00 (6-7)
Overall length to front of tyres		3.08 (10-1)
		m (ft-in)
Overall length to front of carriage		3.59 (11-9)
Ground clearance		0.30 (1-0)
Outer turn radius over tyres		3.10 (10-2)
Weight	kg (lb)	4870 (10736)
Tyres		10x18 10PR

LIFT PERFORMANCE

Lift capacity at full height	kg (lb)	2000 (4408)
Lift capacity at full reach	kg (lb)	750 (1653)
Max. lift height	mm (ft-in)	5000 (16-5)
Reach at max. lift height	mm (ft-in)	600 (2-0)
Maximum reach forward	mm (ft-in)	2820 (9-3)
Reach with 1 tonne load	mm (ft-in)	2540 (8-4)
Placing height	mm (ft-in)	4600 (15-1)

LOADER PERFORMANCE – Standard GP Bucket

Bucket rated capacity	m ³ (yd ³)	0.7 (0.9)
Bucket struck capacity	m ³ (yd ³)	0.61 (0.8)
Breakout force	kgf (lbf)	3200 (7054)
Dump height (max)	mm (ft-in)	4690 (15-5)
Dump angle at max height	degrees	35
Loadover height (max)	mm (ft-in)	5090 (16-8)
Rollback angle at ground	degrees	45
Carriage rotation angle (total)	degrees	150
Payload (max)	kg (lb)	1260 (2777)
Bucket width	mm (ft-in)	1720 (5-9)

ENGINE

Displacement	ltr (in ³)	4.20 (256)
No. of cylinders		4
Bore size	mm (in)	103 (4.06)
Stroke	mm (in)	127 (5)
Aspiration		Naturally aspirated
Power rating @ 2000rpm		
Gross SAE J1349	kW (HP)	57.5 (77)
Torque rating @ 1200rpm		
SAE J1349	Nm (lbf ft)	290 (214)
Noise level directive 2000/14/EC	dBA	104

SERVICE CAPACITIES

	litres (UK gal)
Fuel tank	90 (19.5)
Hydraulic tank	70 (15.5)
Coolant	20 (4.4)

HYDRAULICS

Operating system pressure	bar (psi)	241 (3500)
Flow at system pressure (@ 2200rpm)	ltr/min	65
Cycle times		seconds
Boom raise		7.4
Boom lower		5.3
Extend		5.7
Retract		3.2
Bucket dump		2.3
Bucket crowd		3.2

OPTIONS AND ACCESSORIES

Low cab, working lights, reversing light, reverse alarm, rotating flashing beacon, fire extinguisher, front screen guard, mechanical or hydraulic tow hitch for maximum gross weight of 5 tonnes. Complete with trailer light socket and trailer tip hydraulics, hydraulic pin locking for attachments, boom end auxiliary service. Low ground pressure bearing tyres, front and rear limited slip differential axles.