

JCB LOADALL 520₄₀

MAX. PAYLOAD: 2.0 tonnes (4409lb) MAX. LIFT HEIGHT: 4 metres (13ft 1in)

STATIC DIMENSIONS

		m (ft-in)
Overall height		1.97 (6-6)
Inside width of cab		0.92 (3-0)
Width over tyres (min)		1.56 (5-1)
Front track		1.29 (4-3)
Wheel base		1.90 (6-3)
Overall length to front of tyres		2.92 (9-6)
Overall length to front of carriage		3.38 (11-1)
		m (ft-in)
Ground clearance		0.27 (0-11)
Outer turn radius over tyres		3.05 (10-0)
Weight	kg (lb)	4400 (9700)
Tyres		10x16.5 12 ply
		12x16.5 10 ply
		11.5/80x15 3 8 ply

LIFT PERFORMANCE

		Compact Tool Carrier	Skid Steer Tool Carrier
		520-40	520-40
Lift capacity at full height	kg (lb)	2000 (4408)	2000 (4408)
Lift capacity at full reach	kg (lb)	1000 (2204)	1000 (2204)
Max. lift height	mm (ft-in)	4035 (13-3)	4025 (13-2)
Reach at max. lift height	mm (ft-in)	890 (2-11)	815 (2-8)
Maximum reach forward	mm (ft-in)	2590 (8-6)	2515 (8-4)

LOADER PERFORMANCE

Shovel rated capacity	m ³	0.7	0.5
Breakout force	kN (kg)	36 (3700)	33 (3390)
	kg (lb)	3700 (8157)	3400 (7495)
Dump height (max)	mm (ft-in)	3555 (11-8)	3500 (11-7)
Dump angle at max height	degrees	33	40
Loadover height (max)	mm (ft-in)	4015 (13-1)	4015 (13-1)
Rollback angle at ground	degrees	38	31
Carriage rotation angle (total)	degrees	140	140
Bucket width	mm (ft-in)	1750 (5-8)	1730 (5-7)

ENGINE

		Power rating @ 2800rpm	
Gross SAE J1995		kW (hp)	37.5 (50)
Torque rating @ 2000rpm			
SAE J1995		Nm (lbf ft)	135 (104)
Noise level to directive 2000/14/EC		dBA	104

HYDRAULICS

Operating system pressure	bar (psi)	250 (3626)
Flow at system pressure (@ 2800rpm)	ltr/min	60
Cycle times	seconds	
Boom raise		5.8
Boom lower		4
Extend		5.7
Retract		4
Bucket dump		3.7
Bucket crowd		3.2

SERVICE CAPACITIES

		litres (UK gal)
Fuel tank		61 (13.4)
Hydraulic tank		33 (7.3)
Coolant		8 (1.8)

OPTIONS AND ACCESSORIES

Options: Work lights, rotating flashing beacon, fire extinguisher, limited slip diff front and rear axles, screen guard, sun blind, mechanical or hydraulic Compact tool carrier and Skid Steer tool carrier, battery isolator.