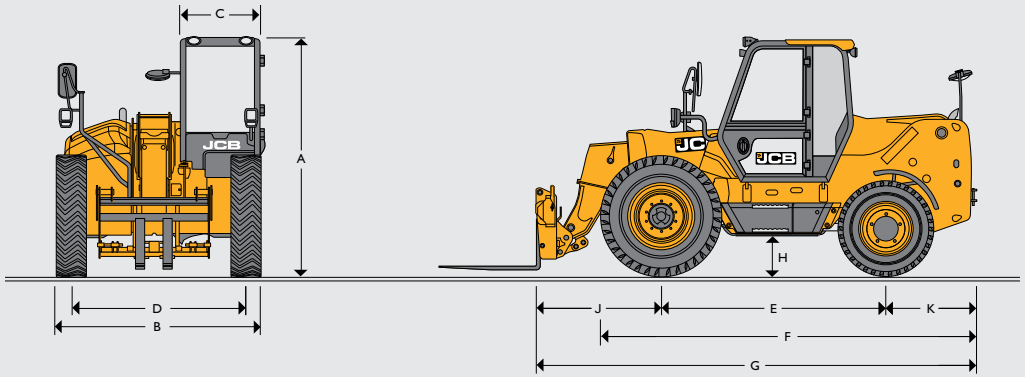
SPECIFICATION



JCB LOADALL | 530-70

Gross power: 56kW (76hp) Lift capacity: 3000kg Lift height: 7m

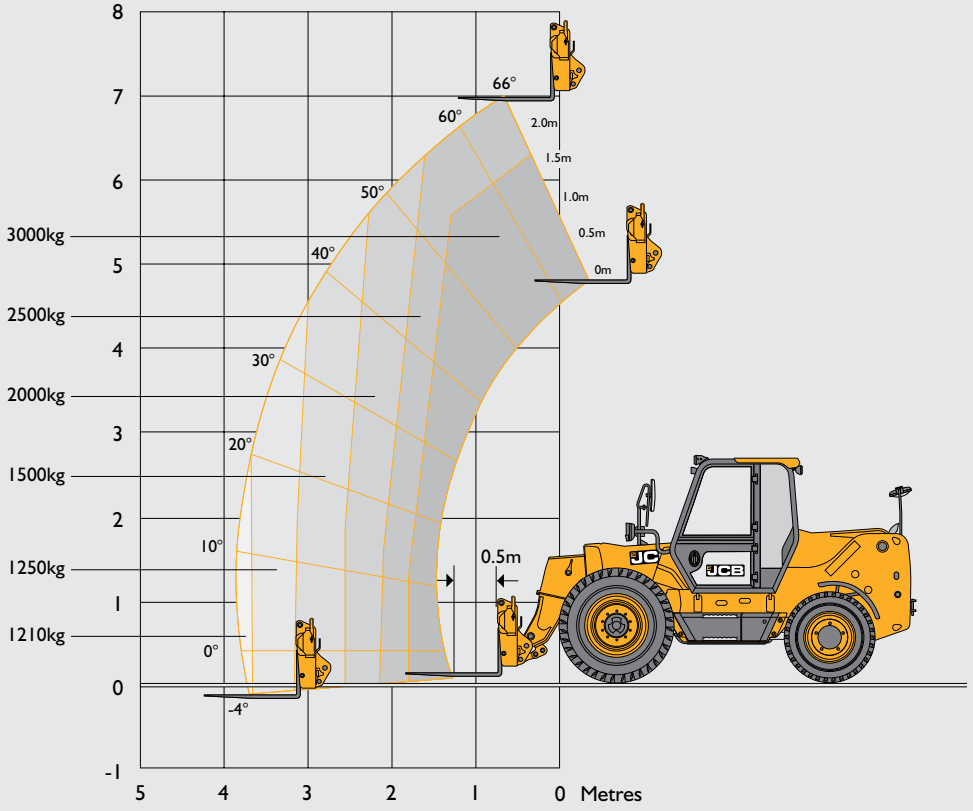
STATIC DIMENSIONS



STATIC DIMENSIONS			
A	Overall height	m	2.62
B	Overall width (over tyres)*	m	2.36
C	Inside width of cab	m	0.79
D	Front track	m	1.99
E	Wheelbase	m	2.54
F	Overall length to front tyres	m	4.13
G	Overall length to front carriage	m	4.92
H	Ground clearance	m	0.39
J	Front wheel centre to carriage	m	1.42
K	Rear wheel centre to rear face	m	0.95
	Outside turn radius (over tyres)	m	4.85
	Operating weight (with GP shovel)	kg	7260
	Operating weight (with forks)	kg	7154

* Type dependent

LIFT PERFORMANCE



LIFT PERFORMANCE		
Maximum lift capacity	kg	3000
Lift capacity to full height	kg	2500
Lift capacity at full reach	kg	1210
Lift height	m	7.0
Reach at maximum lift height	m	1.0
Maximum forward reach	m	3.83
Reach with 1 tonne load	m	3.83
Maximum placing height	m	6.3
Maximum dump height	m	5.8
Shovel roll-back angle (at full height)	degrees	37
Shovel dump angle (at full height)	degrees	44

ENGINE

Manufacturer		JCB DieselMAX 448
Displacement	litres	4.8
No of cylinders		4
Aspiration		Naturally aspirated
Gross power @ 2200rpm	kW (hp)	56 (76)
Max. torque @1100rpm	Nm (kgm)	310 (31.6)

Reversible cooling fan (1 cycle at 20 mins interval). Pre-cleaner (Turbo III). Spark arrestor in exhaust system.

TRANSMISSION

JCB Synchro Shuttle with torque converter (ratio 3.01:1). 4 speed. Maximum travel speed 30kph. Selectable 2/4 Wheel Drive disconnect. Transmission disconnect button (on hydraulic levers). Forwards/neutral/reverse shuttle (steering column mounted).
Front and rear drive axles: JCB MaxTrack torque proportioning differential.
Front: JCB Drive axle - rigid mounted.
Rear: JCB Steer and Drive axle - centrally pivoted with oscillating of 16 degrees.

STEERING

Rear wheel hydrostatic power steering with manual override.
Turning radius: 4.85 metres. **Maximum steering angle:** +/- 48 degrees.

BRAKES

Service brakes: Hydraulically actuated, self adjusting, in-board, oil-immersed, multi-disc type in the front axle.
Independent Brake Pedals allow Independent & Combined Braking.

Parking brake: Hand operated disc brake, on output of gearbox.

WHEELS & TYRES

Front: BKT (14 x 25 - 20PR) HD Tyre SLR 664. Industrial pattern loader grip. 20PR Ply rating. Tubeless.

Rear: BKT (11 X 20 - 16PR) SLR 516. Industrial pattern. 16PR Ply rating. Tubeless.

HYDRAULICS

Operating system pressure	bar	245
Main hydraulics	l/min	103
Pump	l/min	2 section gear pump.
Loader controls		Mechanical lever - Loading Pattern
Hydraulic cycle times		**Seconds**
Boom raise		9.9
Boom lower		7.9
Extend		5.9
Retract		3.7
Bucket dump		3.4
Bucket crowd		2.8

External sight gauge. Single auxiliary at boom nose with quick release couplings.

ELECTRICAL SYSTEM

System	Volt	12
Alternator output	Amp hour	130

Full road lighting. Front and rear cab-mounted work lights. Removable battery isolator key.

SERVICE CAPACITIES

Fuel tank	litres	110
Hydraulic tank	litres	120
Engine coolant	litres	21
Engine oil	litres	14.2
Transmission oil	litres	18
Front axle oil	litres	21
Rear axle oil	litres	11

CAB

Fully glazed cabin with standard trim. Vinyl adjustable seat with seat belt. Split stable door. Sun blinds - front screen and roof window.
Face level fans. 12 Volt charge socket.
ROPS (Roll Over Protection System) conforms to ISO 3471. FOPS (Falling Object Protection System) conforms to ISO 3449.

INSTRUMENTS

Engine speed. Engine hours. Fuel level. Water temperature. Load Moment Indicator (LMI). Inclinometer.

OTHER

Lockable toolbox under seat and under cab. Fire extinguisher. Road lighting with adjustable rear light arms. Recovery hitch.

LIVELINK

JCB LiveLink is an advanced telematics system enabling you to monitor and manage your machines remotely with information provided on: machine hours, location positioning and movement, routine maintenance information, diagnostic alerts and service warnings.

CARRIAGE

JCB Loadall Q-fit with integrated floating forks on bar.

ATTACHMENTS

Floating forks and bar, Q-fit mounted. Crane hook (fork mounted). 1.2m^3 General Purpose shovel (2375mm wide) with bolt on toeplate.



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JCB LOADALL 530-70

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