



LOADALL | COMPACT CONSTRUCTION RANGE

Gross power: 19kW - 55kW | Lift capacity: 1400kg - 2500kg | Lift height: 4m - 6m



ULTIMATE PERFORMANCE IN A COMPACT PACKAGE

Every JCB telehandler is designed to offer superb productivity and our Compact Loadall range is no different. Excellent visibility and manoeuvrability, versatile performance, potent power and innovation-driven efficiency are all part of the package.



ULTIMATE PRODUCTIVITY

Our Compact Loadall range provides powerful performance and versatility with excellent manoeuvrability, whilst making the most of every drop of fuel.



ULTIMATE STRENGTH

We've used innovative, state-of-the-art design and manufacturing processes to ensure that strength, durability and reliability are built in.



ULTIMATE COMFORT

Our Compact Loadall cabs are great places to work, with high levels of comfort, easy-to-use controls and good visibility, keeping operators productive.



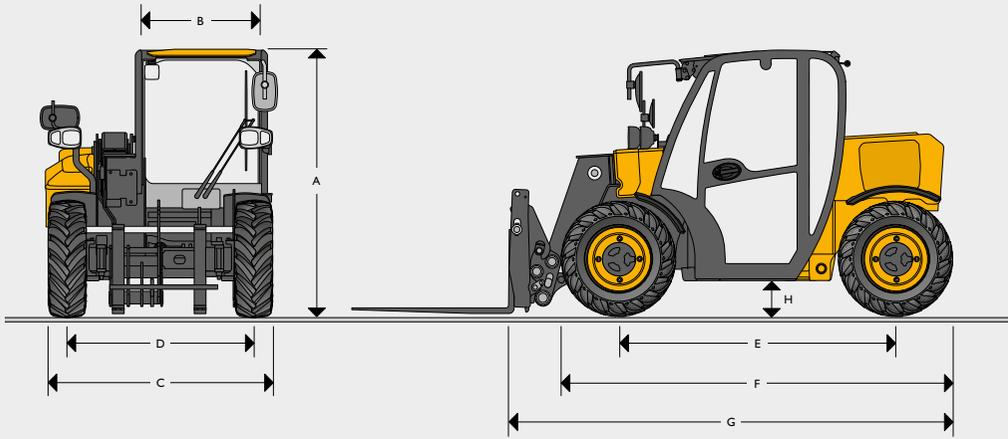
ULTIMATE EFFICIENCY

Our Compact Loadall range offers extremely low operational costs in the short term, whilst holding their value in the long term.

ULTIMATE SAFETY

Safety is paramount on any site. That's why we've designed our new JCB Compact Loadall range to protect machine, operator and bystanders alike.

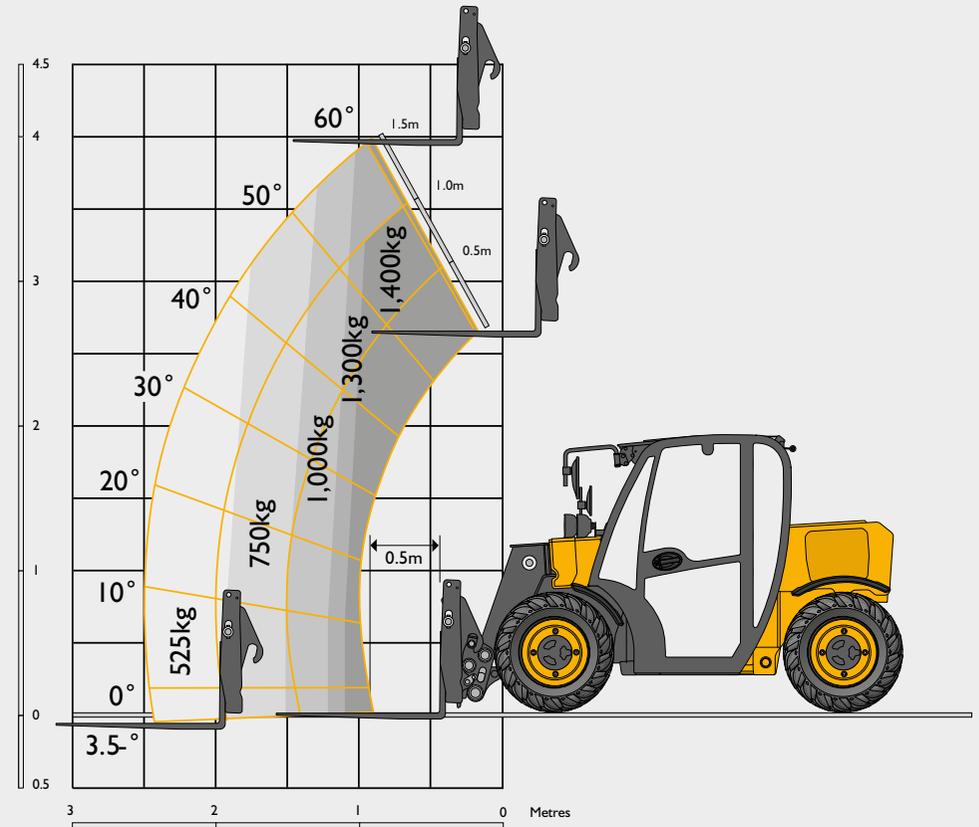
STATIC DIMENSIONS



Machine model	514-40	
A Overall height	m	1.80
B Inside width of cab	m	0.87
C Width over tyres	m	1.56
D Front track	m	1.29
E Wheelbase	m	1.88
F Overall Length to front tyres	m	2.61
G Overall length to front carriage	m	2.99
H Ground clearance	m	0.19
Outer turn radius over tyres	m	2.81
Carriage roll back angle at ground	degrees	12/30*
Carriage dump angle at max height	degrees	35
Weight (operating weight)	kg	2915
Weight (unladen with forks & frame)	kg	2840
Weight (unladen, no attachment)	kg	2700
Tyres	turf	10x16.5
	industrial	12x16.5

*Bucket.

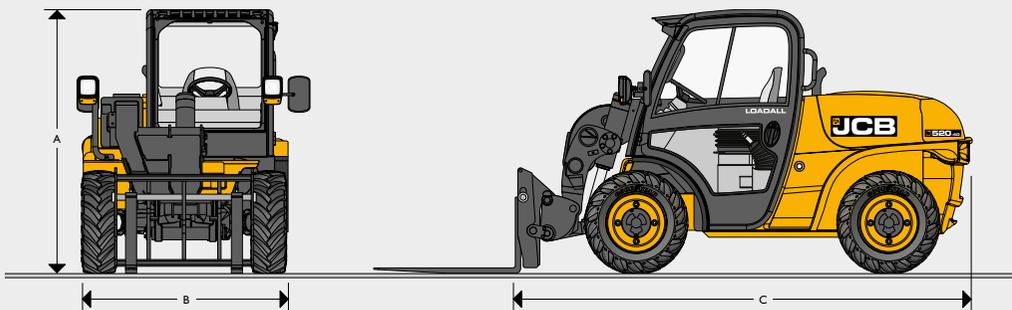
LIFT PERFORMANCE



Machine model	514-40	
Maximum lift capacity	kg	1400
Lift capacity to full height	kg	1300
Lift capacity at full reach	kg	525
Maximum lift height	mm	4035
Reach at max. lift height	mm	890
Maximum forward reach	mm	2510
Reach with 1 tonne payload	mm	1510

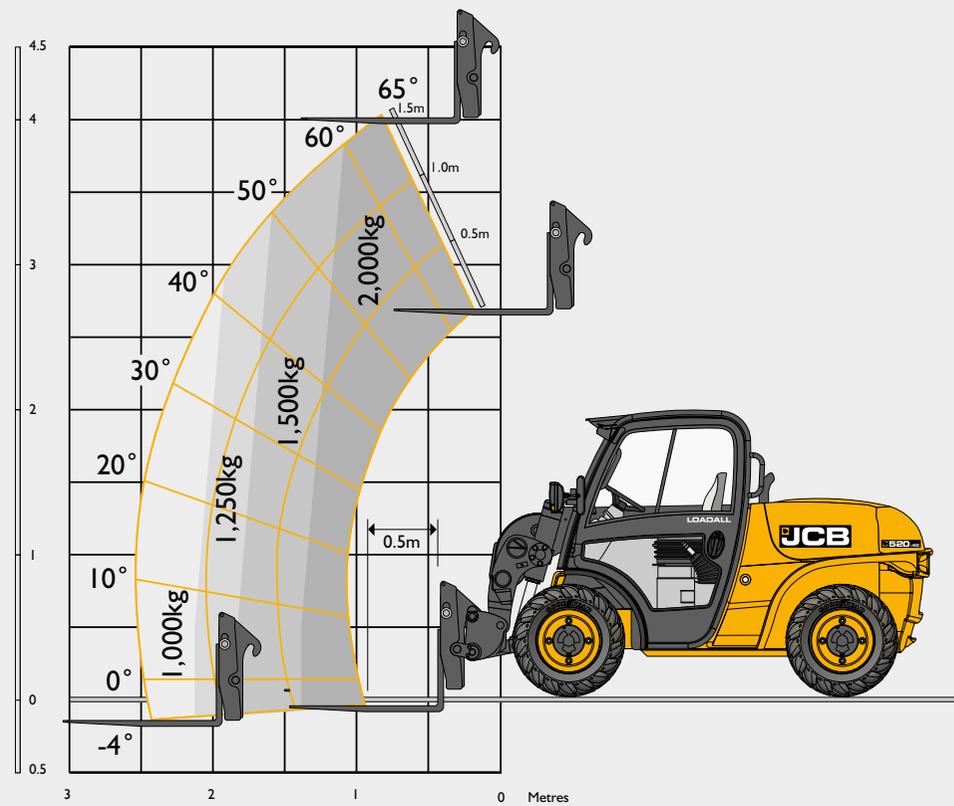
Complies with stability test EN 1459 Annex B.

STATIC DIMENSIONS



Machine model	520-40	
A Overall height	m	1.97
B Inside width of cab	m	0.92
C Width over tyres	m	1.56
D Front track	m	1.29
E Wheelbase	m	1.90
F Overall Length to front tyres	m	2.92
G Overall length to front carriage	m	3.38
H Ground clearance	m	0.27
Outer turn radius over tyres	m	3.05
Carriage roll back angle at ground	degrees	48
Carriage dump angle at max height	degrees	33
Weight	kg	4400
Tyres		10x16.5

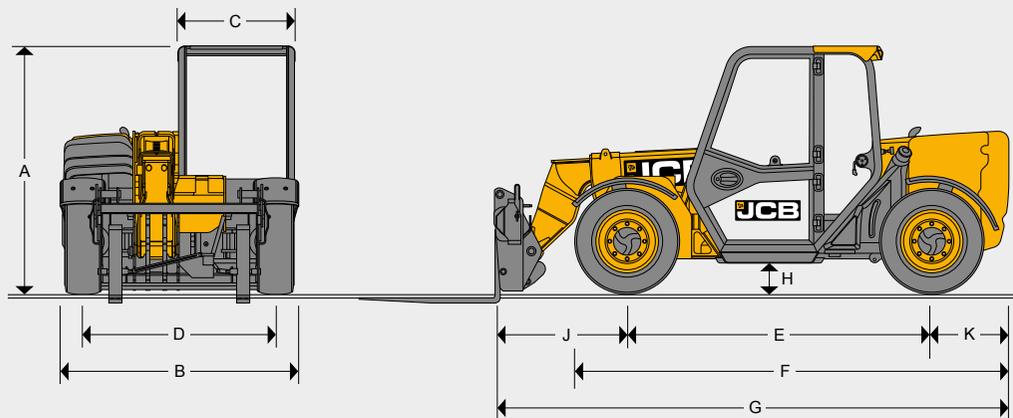
LIFT PERFORMANCE



Machine model	520-40	
Maximum lift capacity	kg	2000
Lift capacity to full height	kg	2000
Lift capacity at full reach	kg	1000
Maximum lift height	mm	4035
Reach at max. lift height	mm	890
Maximum forward reach	mm	2590
Reach with 1 tonne payload	mm	2100

Complies with stability test EN 1459 Annex B.

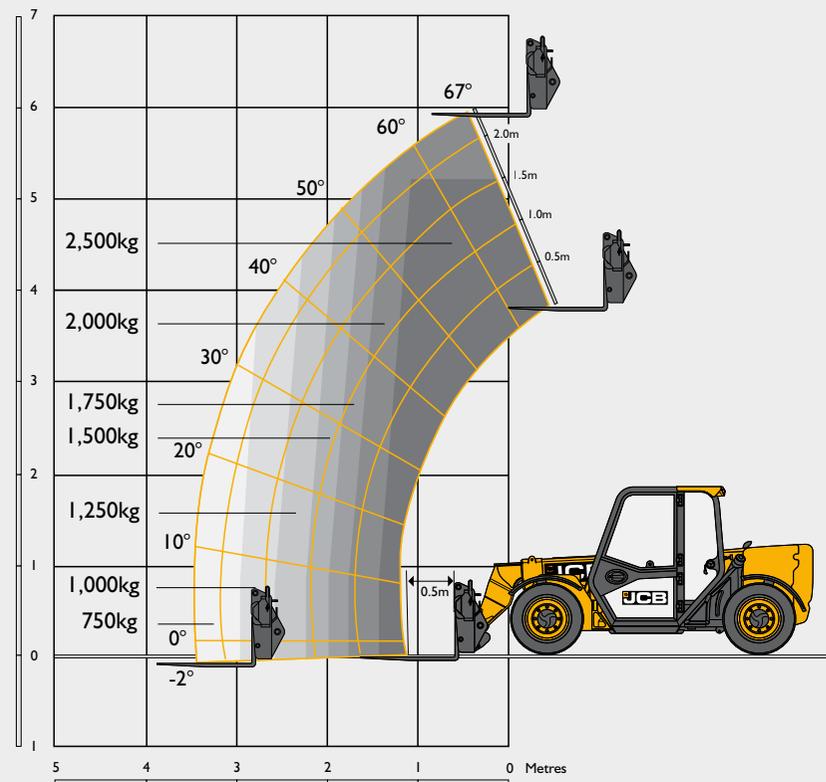
STATIC DIMENSIONS



Machine model		525-60 Hi-Viz
A Overall height*	m	1.89
B Overall width (over tyres)*	m	1.84
C Inside width of cab	m	0.88
D Front track	m	1.53
E Wheelbase	m	2.39
F Overall Length to front tyres	m	3.38
G Overall length to front carriage	m	4
H Ground clearance	m	0.23
J Front wheel centre to carriage	m	1.02
K Rear wheel centre to rear face	m	0.6
Carriage roll back angle at ground	degrees	11
Carriage dump angle at max height	degrees	114
Weight	kg	5490
Tyres	industrial	12x16.5

* Dependant upon tyre specified.

LIFT PERFORMANCE



Machine model		525-60 Hi-Viz
Maximum lift capacity	kg	2500
Lift capacity to full height	kg	2000
Lift capacity at full reach	kg	800
Maximum lift height	mm	6000
Reach at max. lift height	mm	-150
Maximum forward reach	mm	3060
Reach with 1 tonne payload	mm	3000

Complies with stability test EN 1459 Annex B.

ENGINE					
		514-40	520-40	525-60 Hi-Viz	
Engine model		Perkins 403J-I1	Perkins 403J-I7	JCB Diesel by Kohler	
Power	kW	18.4	18.4	55	
Torque	Nm	66.9Nm @ 1400rpm	98Nm @ 1400rpm	300Nm @ 1500rpm	
Displacement	litres	1.1	1.7	2.5	
Number of cylinders		3	3	4	

TRANSMISSION					
		514-40	520-40	525-60 Hi-Viz	
Type		Hydrostatic			
Modes		2 Speed			
Drive		Permanent 4 Wheel Drive			
Maximum speed	kph	15	15	25	

ELECTRICAL SYSTEM					
		514-40	520-40	525-60 Hi-Viz	
System voltage	Volt	12	12	12	
Alternator output	Amp hour	62	85	100	
Battery capacity	Amp hour	65	80	120	

HYDRAULICS					
		514-40	520-40	525-60 Hi-Viz	
Maximum system pressure	bar	230	230	260	
Flow rate	ltr/min	23	40	80	
Joystick control		Twin lever	Twin lever	Single lever Servo	
Steer modes		Permanent 4 Wheel Steer			3 modes
Cycle times					
Boom Raise	seconds	7	8.9	7.6	
Boom Lower	seconds	5	5.9	5.3	
Extend	seconds	8.6	4.7	7.5	
Retract	seconds	4.3	4.7	3.7	
Bucket Dump	seconds	2.7	4.8	1.9	
Bucket Crowd	seconds	3.7	4	2.9	

SERVICE CAPACITIES					
		514-40	520-40	525-60 Hi-Viz	
Fuel tank	litres	27	61	65	
Hydraulic tank	litres	25	33	75	

BRAKES					
		514-40	520-40	525-60 Hi-Viz	
Service brakes		Hydraulically operated self-adjusting			
Parking brake		Cable manually operated drum brake			SAHR Handbrake self adjusting

OPTIONS					
		514-40	520-40	525-60 Hi-Viz	
CAB					
ROPS ISO3471		•	•	•	
FOPS ISO 3449		•	•	•	
Hourmeter		•	•	•	
Adjustable fabric seat		•	•	•	
Digital dash display		•	•	•	
LiveLink telematics		•	•	•	
Load control system (LMI)		•	•	•	

ACCESSORIES					
		514-40	520-40	525-60 Hi-Viz	
Reversing alarm		•	•	•	
50mm towing ball with 7 pin trailer electrics		•	-	-	
Halogen work lights		-	+	+	
LED work lights		+	-	+	
Amber beacon		+	+	+	
Green beacon with orange seat belt		+	+	+	
Competitor carriages		+	+	+	
Window guards		-	+	+	
Sun blind		+	+	+	
Immobiliser		+	+	+	
Air conditioning		-	-	+	
FM radio kit		+	+	+	

STANDARD •

OPTIONAL +

NOT APPLICABLE -





ONE COMPANY, OVER 300 MACHINES.

Your nearest JCB dealer

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Download the very latest information on this product range at: www.jcb.com

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