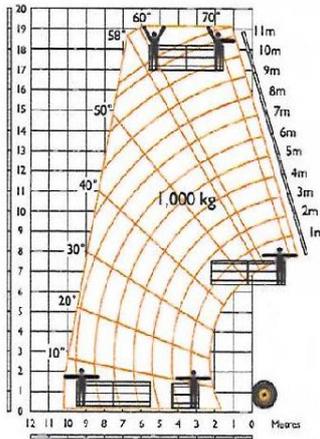


MARSH PLANT HIRE LTD

JCB 540-180 HiViz

540-180 HiViz Man platform Stabilisers extended

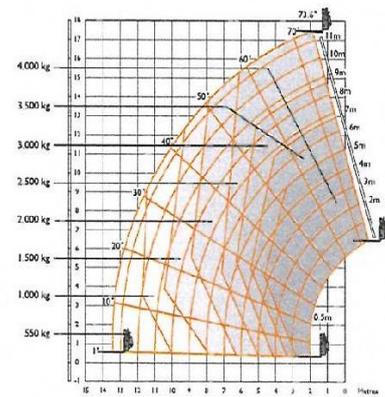
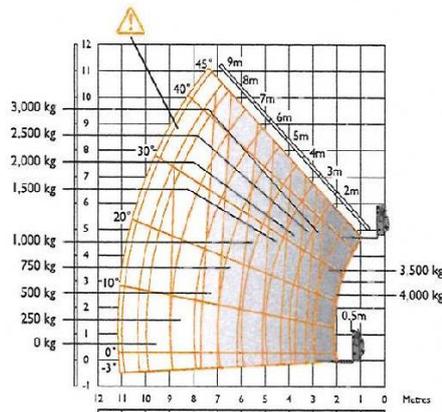


	365kg basket	500kg basket	1000kg basket
Machine capacity	kg 4000	4000	4000
Personnel work height	m 19.25	19.25	19.25
Personnel work reach at maximum reach	m 13.16	12.17	10.18
Platform rated capacity	kg 365	500	1000
Capacity at full reach	kg 365 @ 13.16m	500 @ 12.17m	1000 @ 10.18m
Maximum forward reach (slewed platform)	m 12.5	11.5	10.18m
Capacity to full working height	kg 365	500	1000

LIFT PERFORMANCE

540-180 HiViz Stabilisers retracted Sway

540-180 HiViz Stabilisers extended Sway



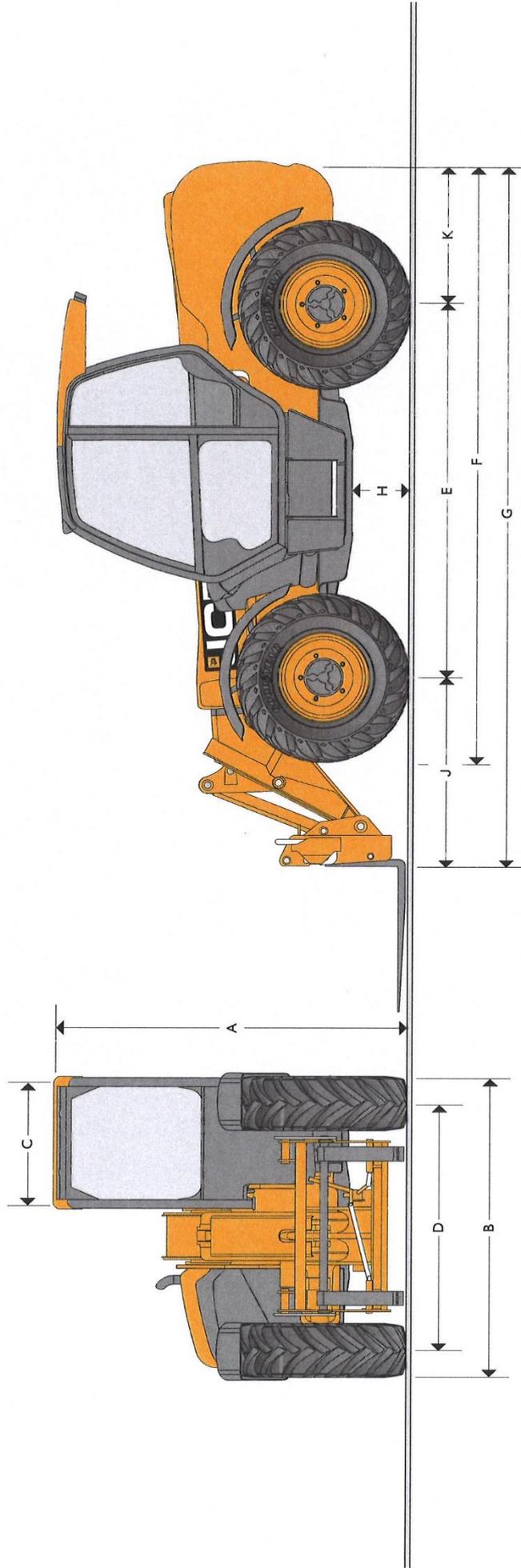
Maximum lift capacity	kg	4000	4000
Lift capacity to full height	kg	500	2500
Lift capacity at full reach	kg	0	550
Lift height	m	10.69	17.51
Reach at maximum lift height	m	6.92	1.88
Maximum forward reach	m	10.47	13.34
Reach with 1 tonne load	m	6.25	11.72
Placing height	m	10.0	17.0

Complies with stability test EN 1459 Annex B. Chassis Levelling (Sway) with stabilisers retracted (Sway angle $\pm 9^\circ$).

SPECIFICATION

CONSTRUCTION LOADALLS 531-70/541-70/535-95/533-105/535-125 HiViz/540-140 HiViz/540-170/540-180 HiViz/540-200

STATIC DIMENSIONS



STATIC DIMENSIONS

Machine model	531-70	541-70	535-95	533-105	535-125 HiViz	540-140 HiViz	540-170	540-180 HiViz	540-200
A Overall height	2.49	2.49	2.49	2.49	2.59	2.59	2.69	2.59	2.72
B Overall width (over tyres)*	2.23	2.23	2.36	2.36	2.35	2.35	2.44	2.35	2.44
C Inside width of cab	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
D Front track	1.81	1.81	1.87	1.87	1.90	1.90	1.90	1.90	1.97
E Wheelbase	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
F Overall length to front tyres	4.38	4.38	4.38	4.38	4.74	4.74	5.08	4.75	5.09
G Overall length to front carriage	4.99	4.99	4.99	5.38	5.80	6.23	6.36	6.27	6.81
H Ground clearance	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.41
I Front wheel centre to carriage	1.25	1.25	1.20	1.62	1.68	2.11	1.94	2.15	2.39
J Rear wheel centre to rear face	0.99	0.99	1.04	1.01	1.37	1.37	1.67	1.37	1.67
K Overall width with stabilisers fully deployed	NA	NA	NA	2.63	2.57	2.57	3.55	3.39	3.82
L Outside turn radius (over tyres)	3.7	3.7	3.7	3.7	3.75	3.75	4.10	3.75	4.1
M Carriage rollback angle	42.6	42.6	41.0	41.2	37.0	37.0	39	36.50	39
N Carriage dump angle	37.5	37.5	24.0	24.0	12.5	12.5	8.8	12.50	8.8
O Weight	7060	7850	8215	8850	10066	10880	12060	11380	12985
P Tyres	15.5/80-24	15.5/80-24	15.5/80-24	15.5/80-24	15.5/80-24	15.5/80-24	15.5/80-24	15.5-25	17.5-25

* Type dependent

SPECIFICATION

CONSTRUCTION LOADALLS 531-70/541-70/535-95/533-105/535-125 HViz/540-140 HViz/540-170/540-180 HViz/540-200

ENGINE

JCB EcoMAX T4 Final. Capacity 4 cylinders 4.4ltrs. Aspiration turbocharged cooled

	531-70	541-70	535-95	533-105	535-125 HViz	540-140 HViz	540-170	540-180 HViz	540-200
Engine 55kW (75hp) @ 2200rpm, 400Nm torque at 1300rpm	Standard	Standard	Standard	Standard	Standard	Standard	Option	Standard	Standard
Engine 81kW (109hp) @ 2200rpm, 512Nm torque at 1300rpm	Option	Option	Option	Option	Option	Option	Standard	N/A	Option
Engine 93kW (125hp) @ 2200rpm, 550Nm torque at 1300rpm	Option	Option	Option	Option	Option	Option	Option	N/A	Option

HYDRAULIC CYCLE TIMES

	531-70	541-70	535-95	533-105	535-125 HViz	540-140 HViz	540-170	540-180 HViz	540-200
Boom raise	s 7.2	8.8	9.1	8.8	10.4	13.5	22.7	13.8	17.3
Boom lower	s 5.4	6.5	7.7	8.5	8.1	11	23.4	10.2	15.9
Extend	s 6.8	6.8	10.5	13.2	15.7	15.6	18.3	22.4	28.1
Retract	s 5	5	11.2	13.6	12.8	14.4	16.7	17.9	22.7
Bucket dump	s 3.5	3.5	2.4	2.4	1.8	1.7	4.2	2.9	6.1
Bucket crowd	s 2.9	2.9	3.5	3.4	2.3	2.0	4.6	2.6	5.9

HYDRAULICS

	Hydraulic System Pressure (bar)		Max. Pump flow (litres)
531-70	241		82
541-70	260		82
535-95	241		82
533-105	241		82
535-125	260		110
540-140	260		110
540-170	260	90+72	
540-180	260	103	
540-200	260	110	

NOISE AND VIBRATION

	55kW	81kW	93kW	Uncertainty	Measurement conditions.
Noise at the operator station	LpA 77	80	81	+/- 1 dB	Determined in accordance with the test method defined in EN12053.
Noise emission from the machine LWA	104	106	107	+/- 1 dB	Guaranteed equivalent sound power (external noise) determined in accordance with the dynamic test conditions defined in 2000/14/EC.
Hand-arm vibration	m/s ² <2.5	<2.5	<2.5	N/A	ISO 5349-2:2001 dynamic test conditions.

TRANSMISSION

Torque converter, 4 speed powershift gearbox.

Travel speed 531-70/541-70/535-95/533-105: 29kph. 33kph (when 2AWD select is specified).

Travel speed 535-125/540-140/540-170: 29kph. Optional 33kph transmission.

Travel speed 540-180/540-200: 29kph.

Service brake: Servo-assisted, hydraulically oil-immersed multi-disc on front and rear axle.

Parking brake: Hand operated disc brake on output of gearbox. (93kW/125hp – oil immersed disc type).

CAB
Conforms to ROPS ISO 3471 and FOPS ISO 3449

OPTIONS

Front and rear working lights, rotating flashing beacon, fire extinguisher, traction and industrial tyres, electrical 2AWD select, limited slip differential in front axle, windscreen and roof guard, air suspension seat, deluxe cab trim, roof and front screen blind, radio kit, air conditioning, reversing fan, deluxe trim, armrest (SLC only), roof moulding.

Single lever mechanical joystick, with push button extend and retract.

Single lever servo joystick option on 535-125, 540-140 & 540-180.

Options of rear or rear & ofside reversing cameras with the extra option to add pulse radar all with dash mounted screen.

Centralised greasing available on the 540-180 HViz