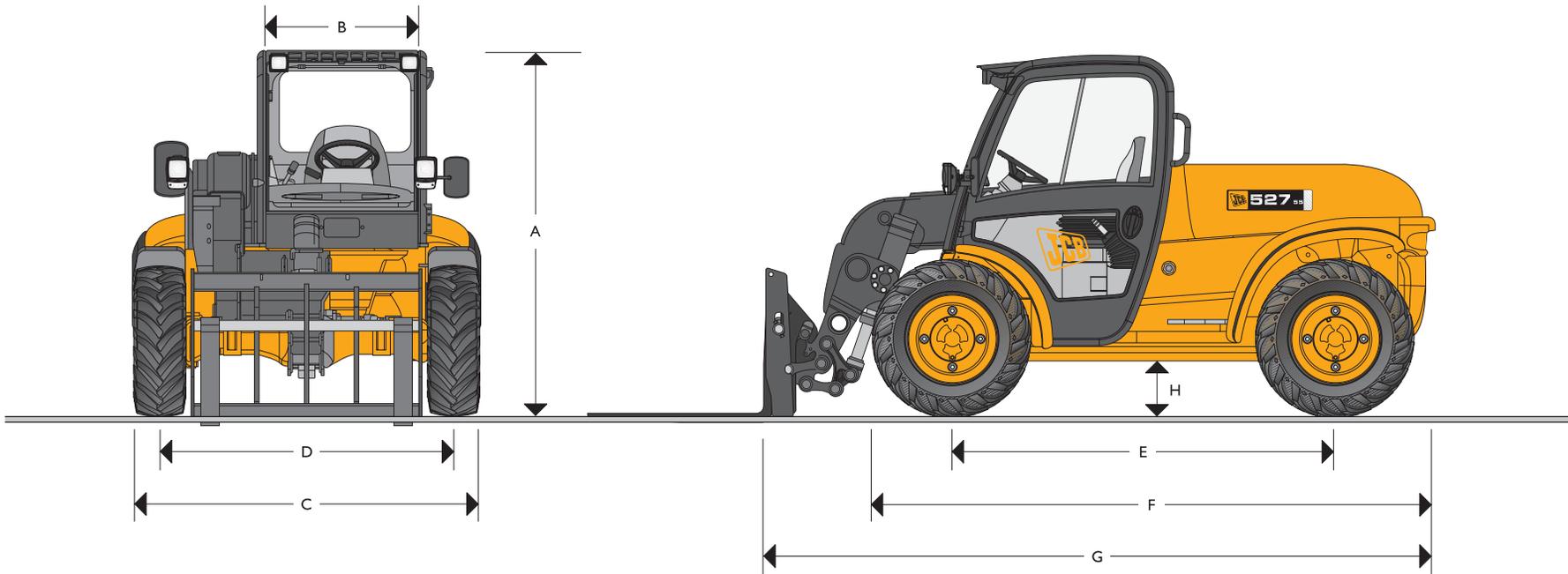




JCB LOADALL | 527-55



MAX. PAYLOAD: 6000lb (2721kg)
MAX. LIFT HEIGHT: 18ft (5.5 meters)
MAX. HORSEPOWER: 83hp (62 kW)



STATIC DIMENSIONS

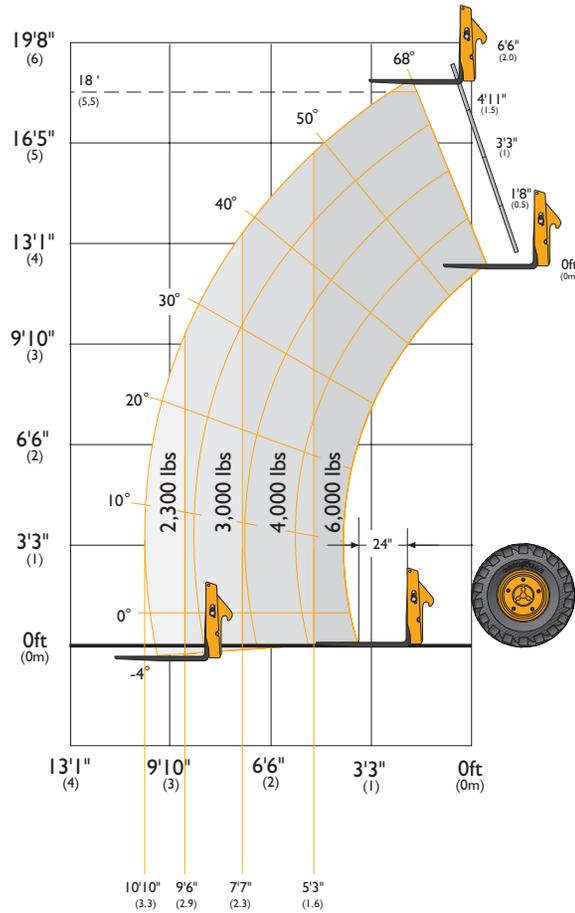
Machine model	527-55
	ft-in (m)
A Overall height	6-11 (2.1)
B Inside width of cab	3-0 (0.92)
C Width over tires (min)	6-7 (2.0)
D Front track	5-7 (1.7)
E Wheel base	7-6 (2.3)
F Overall length to front of tires	11-2 (3.4)

Machine model	527-55
	ft-in (m)
G Overall length to front of carriage	13-1 (4.0)
H Ground clearance	1-1 (0.33)
Outer turn radius over tires	9-10 (3.0)
Weight	lb (kg) 12456 (5650)
Tires	12.5/80 x 18

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LIFT PERFORMANCE – 527-55



LIFT PERFORMANCE

Machine Model	Compact Tool Carrier	
	527-55	
Lift capacity at full height	lb (kg)	6000 (2721)
Lift capacity at full reach	lb (kg)	2300 (1050)
Max. lift height	ft-in (m)	18-0 (5.5)
Reach at max. lift height	ft-in (m)	2-6 (0.77)
Maximum reach forward	ft-in (m)	10-10 (3.3)

LOADER PERFORMANCE

Machine Model	Compact Tool Carrier	
	527-55	
Bucket capacity	yd ³ (m ³)	1.3 (1.0)
Breakout force	lbf (kN)	8992 (40)
Dump height (max)	ft-in (m)	16-5 (5.00)
Dump angle at max height	degrees	45
Loadover height (max)	ft-in (m)	18-2 (5.54)
Rollback angle at ground	degrees	40
Carriage rotation angle (total)	degrees	150
Bucket width	ft-in (m)	6-10 (2.08)



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ENGINE

Latest technology and advanced design provides low fuel consumption, reduced noise, high torque and power output, total reliability and minimal maintenance.

Engine: JCB I104C-44 EC Stage 2 USA EPA Tier 2 Approved 4 cylinder direct injection naturally aspirated water cooled diesel engine.

Power rating @ 2200rpm		
Gross SAE J1995	hp (kW)	83 (62)
Torque rating @ 1400rpm		
SAE J1995	lbf ft (Nm)	223 (302)

TRANSMISSION & AXLES

Transmission: Travel speed – 18.6 mph (30 km/h)

Hydrostatic transmission. Automotive control closed loop variable displacement piston pump and variable displacement bent axis motor. Transmission inching facility on operation of a combined inching and braking pedal.

Axles: Front and rear drive axles: Epicyclic hub reduction type with mid mounted dropbox.

Rear axle oscillation.

Optional front and rear limited slip differential axles.

BRAKES

Service brake: Hydraulically activated, single disc caliper brake on the transmission output shaft.

Parking brake: Manually operated single disc caliper brake on the transmission output shaft.

BOOM AND CARRIAGE

Boom is manufactured from high tensile steel.

Low maintenance, hard wearing pads.

JCB Compact Tool Carrier with manual or hydraulic pin locking, accepts forkframe with integral pallet forks and wide range of attachments.

SERVICE CAPACITIES

	US gal (liters)
Fuel tank	19.8 (75)
Hydraulic tank	18.5 (70)

ELECTRICS

12 V negative ground, 110 AH battery, 75 amp alternator.

HYDRAULICS

Single gear pump with suction strainer and filter. One single service fitted as standard.

Machine model	527-55	
Operating system pressure	psi (bar)	3626 (250)
Flow at system pressure (@ 2200rpm)	US gal/min (ltr/min)	22 (85)
Cycle times		seconds
Boom raise		7.7
Boom lower		5.7
Extend		5.5
Retract		4.9
Bucket dump		2.1
Bucket roll back		3.0
Hydraulic flow at auxiliary couplers	US gal/min (ltr/min)	22 (85)

SAFETY CHECK VALVES

Fitted to the tilt, telescope and boom cylinders.

CAB

Quiet, safe and comfortable cab conforms to ROPS ISO3471 and FOPS ISO 3449. Fitted with storage tray, cup holder and radio console. Tinted glass all round with laminated front and roof glass. Front windshield with wash/wipe and heater/defroster. Opening door window. Visual warning system for coolant temperature, engine oil pressure, air cleaner restriction, battery charge, transmission oil pressure, engine temperature, fuel gauge and hourmeter.

Boom control lever incorporating forward/reverse switch. Throttle and brake pedals floor mounted. Adjustable deluxe suspension seat with side mounted park brake lever.

Safety canopy as above but with roof glass, rear glass, and side screen. Wiper and heater/defroster not applicable.

STEERING

Full power hydrostatic steering with three mode options: Front wheel steer, all wheel steer, crab steer all operated from a selection switch inside the cab.

Permanent four wheel drive with 52 degree steer angle front and rear provides exceptional maneuverability.

OPTIONS AND ACCESSORIES

Options: Work lights, road lights, limited slip diff front and rear axles, screen guard, mechanical or hydraulic Compact tool carrier.

Attachments: Contact your local dealer for details of the comprehensive range.



A GLOBAL COMMITMENT TO QUALITY

JCB's total commitment to its products and customers has helped it grow from a one-man business into the World's 5th largest manufacturer of backhoe loaders, crawler excavators, wheeled excavators, telescopic handlers, wheel loaders, dump trucks, rough terrain fork lifts, industrial fork lifts, mini/midi excavators, skid steer loaders and tractors.

By making constant and massive investments in the latest production technology, the JCB factories have become some of the most advanced in the World.

By leading the field in innovative research and design, extensive testing and stringent quality control, JCB machines have become renowned all over the world for performance, value and reliability.

And with a global sales and service network of over 400 distributors and agents, the company exports over 70% of its production to all five continents.

Through setting the standards by which others are judged, JCB has become one of Britain's most impressive success stories.

