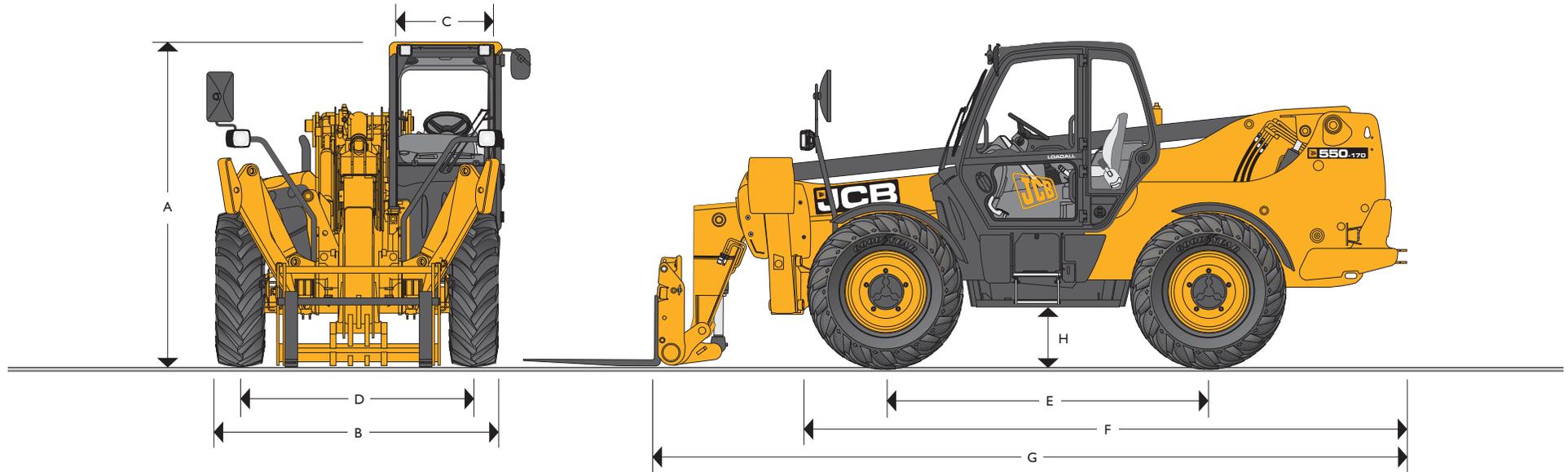


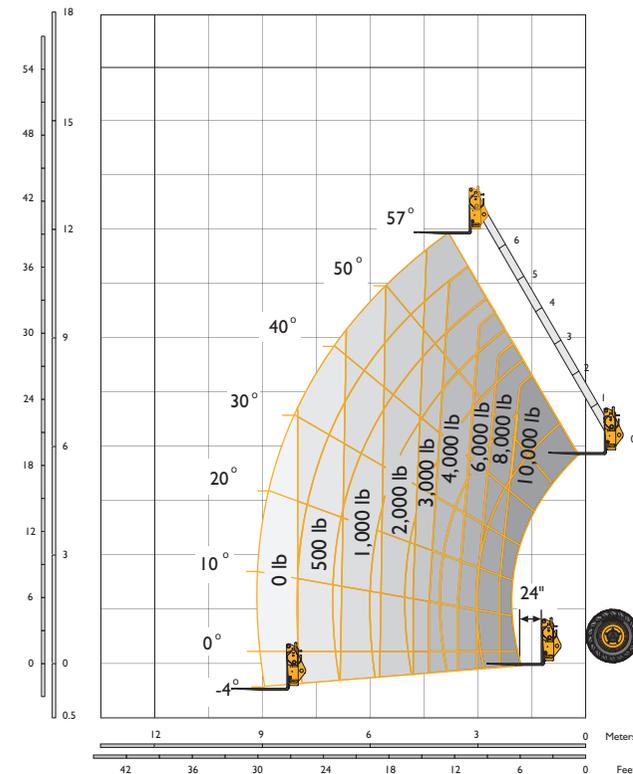
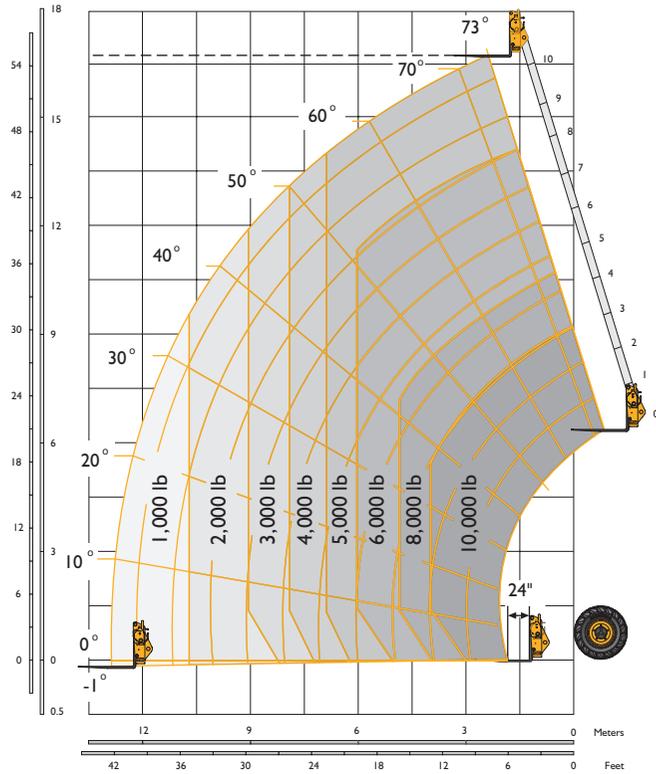
MAX PAYLOAD: 4,535 kg (10,000 lb) MAX LIFT HEIGHT: 13.5 m (44 ft 3 in) MAX HORSEPOWER: 74.2 kW (100 hp)



STATIC DIMENSIONS

A Overall Height	m (ft-in)	G Overall Length to Front Carriage	m (ft-in)
B Overall Width (over tyres)*	2.69 (8-10)	H Ground Clearance	6.36 (20-10)
C Inside Width of Cab	2.44 (8-0)	Weight	0.40 (1-4)
D Front Track	0.94 (3-1)	Tyres	4.10 (13-5)
E Wheelbase	1.90 (6-3)		kg (lb)
F Overall Length to Front Tyres	2.75 (9-0)		12,470 (27,494)
	5.08 (16-8)		17.5-25 16PR

*Dependant upon tyre specified.



Chassis Levelling (Sway)
With stabilisers retracted (Sway angle ±9°)

LIFT PERFORMANCE – STABILIZERS DOWN

Maximum Lift Capacity	kg (lb)	4535 (10,000)
Lift Capacity to Full Height	kg (lb)	2269 (5000)
Lift Capacity at Full Reach	kg (lb)	453 (1000)
Lift Height	m (ft-in)	16.70 (54-9)
Reach at Maximum Lift Height	m (ft-in)	2.03 (6-8)
Maximum Forward Reach	m (ft-in)	12.60 (41-5)
Placing Height	m (ft-in)	16.20 (53-2)

Complies with stability test ASME B56.6

LIFT PERFORMANCE – STABILIZERS UP

Maximum Lift Capacity	kg (lb)	4535 (10,000)
Lift Capacity to Full Height	kg (lb)	1361 (3000)
Lift Capacity at Full Reach	kg (lb)	0 (0)
Lift Height	m (ft-in)	13.06 (42-10)
Reach at Maximum Lift Height	m (ft-in)	2.13 (7-0)
Maximum Forward Reach	m (ft-in)	9.14 (35-9)
Placing Height	m (ft-in)	10.90 (35-9)

Complies with stability test ASME B56.6



ENGINE - JCB DIESELMAX

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

Two-stage, dry type air filter with primary and safety elements. **EPA Tier II emissions compliant.**

Displacement	l (in ³)	4.4 (269)
No of Cylinders		4
Aspiration		Turbo
Power Rating		
Power @ 2200 rpm	kW (hp)	74.2 (100)
Torque Rating		
Torque @ 1300 rpm	nm (lb ft)	440 (324)

TRANSMISSION

JCB powershift transmission incorporating torque converter, bevel box and a 4 speed powershift gearbox in one resiliently mounted unit.

A combined steering column mounted switch incorporating directional control and 4 forward and 4 reverse powershift gears.

Travel speed 25 km/h (16 mph), optional 33 km/h (20.5 mph).

Front and Rear Drive Axles: JCB epicyclic hub reduction drive/steer axles with Max-Trac torque proportioning differentials. Permanent 4 wheel drive.

BRAKES

Service Brakes: Servo-assisted-hydraulically activated, self-adjusting, oil-immersed multi-disc type on front and rear axle.

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

BOOM AND CARRIAGE

Boom is manufactured from high tensile steel.

Low maintenance, hard wearing pads.

JCB Q-fit self-levelling carriage with lever operated pin locking accepts pallet forks and a wide range of attachments.

One boom end auxiliary hydraulic service fitted as standard.

SAFETY CHECK VALVES

Fitted to carriage tilt, telescopic and boom lift cylinders.

SERVICE CAPACITIES

Fuel Tank	l (gal)	125 (33)
Hydraulic Tank	l (gal)	150 (40)
Coolant	l (gal)	23 (6)

STEERING

Hydrostatic power steering.

Three steer mode options: front wheel steer; all wheel steer; crab steer: operated from in the cab by a selection lever.

OPTIONS AND ACCESSORIES

Options: Front and rear working lights, industrial tyres, electrical 2/4WD select, radio kit, air conditioning, air suspension seat, delux cab trim, windshield and roof guard.

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

HYDRAULICS

Two Stage Gear Pump with Suction Strainer and Filter.

Operating System Pressure	bar (psi)	260 (3770)
Pump Flow	l/min (gal/min)	162 (43)
Hydraulic Cycle Times		Seconds
Bucket Dump		2.4
Bucket Crowd		3.2
Boom Raise and Extend		41.8
Boom Lower and Retract		33

ELECTRICS

12 v negative earth. 1000 CCA battery. 95 amp alternator. Hazard warning. Reverse alarm. Optional full road lighting. Reversing light. Direction indicators.

CAB

Quiet safe and comfortable cab conforms to ROPS ISO 3471 and FOPS ISO 3449. Tinted glass all round. Laminated roof screen. Roof bars, front, rear and roof screen wiper/washer and heater/screen defroster. Opening rear window.

Audio-visual warning system for coolant temperature, engine oil pressure, air cleaner, battery charge, transmission oil, water in fuel temperature and pressure. Hourmeter and road speed indicator. Engine temperature, fuel gauge and inclinometer.

Adjustable steer column with stalk bar powershift change and forward reverse shuttle. Throttle and brake pedal.

Adjustable suspension seat with adjacent mechanically activated park brake. Includes leveling inclinometer. Safety canopy as above but with side glass and roof glass only (screen wiper and heater/screen defroster not applicable).

A GLOBAL COMMITMENT TO QUALITY

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

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 more than 650 dealers and agents, we aim to deliver the best customer support in the industry.

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

