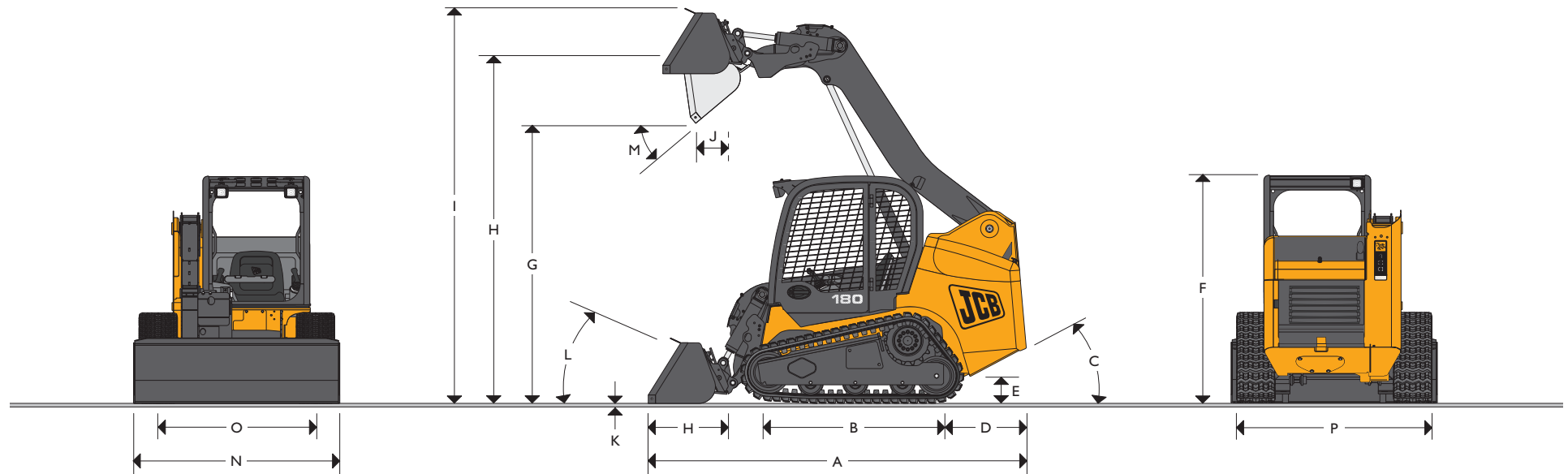




OPERATING WEIGHT: 3680kg (8113lb) OPERATING CAPACITY: 860kg (1896lb)



STATIC DIMENSIONS

	180T		180T
	mm (ft-in)		mm (ft-in)
A Overall length	3345 (10-11 1/2)	M Dump angle	degrees 40°
B Crawler base	1409 (4-7 1/2)	N Shovel width	1730 (5-8 1/4)
C Angle of departure	degrees 28	O Track gauge	1356 (4-5 1/4)
D Rear overhang	754 (2-5 3/4)	P Width over tracks	1676 (5-6)
E Ground clearance	230 (0-9)	Maximum tipping load	SAE kg (lb) 2457 (5416)
F Height	1933 (6-4)	Shovel capacity – standard	cu. m (cu. yd.) 0.45 (0.56)
G Dump height	2237 (7-3 3/4)	Pallet fork rated capacity (35% safety factor at 400mm load centre)	EN 714kg (1574lb)
H Height to hinge pin, fully raised	2926 (9-7 1/4)	Pallet fork lift height	2.83 (9-3 1/2)
I Overall operating height, fully raised	3818 (12-6)	Turning radius	
J Reach at full height – fully dumped	537 (1-9)	Bucket corner radius	2061 (6-9)
K Dig depth (toe plate horizontal) clearance	-15 (-0-0 1/2)	Quick hitch radius	1.22 (4-0)
L Rollback at ground	degrees 30	Rear chassis radius	1570 (5-2)



## MACHINE RATING

<b>Rated operating capacity (SAE):</b>		<b>kg</b>
Tracked 180 (35%)		860
Tracked 180 (50%)		1720
<b>Tipping load:</b>		
Tracked 180		2457
<b>Breakout force</b>		
Lift cylinder	kgf	1505
Tilt cylinder	kgf	1980

## ENGINE

		<b>180T</b>
Model		Perkins 404DT-22
Displacement		2.2 litres
Fuel		Diesel
Cooling		Water
Bore	mm	84
Stroke	mm	100
<b>Gross power @ 2800 rpm</b>		
ISO 14396	kW (hp)	44.7 (60)
<b>Gross torque @ 1800 rpm</b>		
ISO 14396	Nm (lb/ft)	192 (141.6)
Emission certification		EC Stage IIIA/USA EPA Tier 3
Engine oil service intervals		500 hours

## TRANSMISSION

The full servo controlled hydrostatic transmission giving zero to maximum speed, both forward and reverse at full power. Independent transmission systems for both the left and right side, controlled through servo controls for precise and easy operation. Transmission power management system maintains full engine power availability maximising loader and attachment control.

**Travel speeds both forward and reverse:**

11 kph (6.8mph)

## CAPACITIES

	<b>litres (gal)</b>
Hydraulic system (inc. Tank)	46 (10.1)
Fuel tank	80 (17.6)
Engine coolant	10 (2.64)
Engine oil	9.6 (2.5)

## CONTROLS

Three machine control format options. JCB full servo controls, which reduce lever efforts to a minimum, alternatively, either full servo hand or servo hand and manual foot controls provide patterns well known and accepted by the skid steer buyer and operator. With all options the left hand control lever pivots rearwards, providing unparallelled machine access/egress.

## WEIGHT

**SAE operating weight.**

Fully operational with quickhitch, standard shovel, full fuel tank, fully glazed cab + 75kg operator:

**180 Tracked** 3680kg (8113lb)

## TRACKS

<b>Rubber tracks</b>	320mm wide
<b>Ground contact area</b>	0.9 m <sup>2</sup>
<b>Ground bearing pressure</b>	35.5 Kpg / 5.14 psi



## HYDRAULICS

In addition to the main hydrostatic drive pumps there is a dedicated loader and attachments supply pump (auxiliary hydraulics circuit is optional on all base models and standard on high flow model.)

**Pump flow:** 68 litres / minute (14.95gal/min) @ 2800 rpm engine speed  
Main relief pressure 205 bar (3000 psi)

- Low lever efforts give excellent and easy control of transmission loader and attachments.
- Auxiliary hydraulics are actuated via the right hand controller giving progressive control of oil flow for precise attachment control.
- Hydraulic supply pipes run neatly on top of the loader arm under a protective guard for long life.
- Full flow, spin-on type hydraulic oil filter.
- JCB high performance hydraulic oil
- The optional hi-flow circuit provides 124 litres/min (27.3 gal/min) pump flow to the front of the machine for operation of high capacity attachments such as trenchers and patch planers.

## OPERATOR ENVIRONMENT

Full ROPS and Level I FOPS, full audio and visual warning systems, Soundproofing gives noise levels complying with EC regulations. Safe access through side door – thanks to JCB's unique single arm design.

- Unequaled all-round visibility.
- Fully adjustable suspension seat.
- Seat belt fitted as standard.
- Drainage cover for easy cleaning of cab.

## STANDARD EQUIPMENT

ROPS and FOPS integrated canopy. Isolation bar activated safety system. Loader arm safety strut. Centrifugal dry type engine air filter with safety element. Standard shovel. Mechanical quickhitch. Hand throttle. Worklights (EC only) Servo emergency lower valve. Fuel gauge. Hydraulic park brake.

## OPTIONAL EQUIPMENT

Fully glazed cab with heater/demister. Air conditioning. Road lights. Work lights (not EC). Reverse alarm. Beacon. Foot throttle (not with foot control format). Fire extinguisher. Toolkit. Self levelling lift. Float. Level 2 FOPS guard. Heavy-duty rear door guard. Front screen guard. Auxiliary hydraulics. Bolt on lift points. Battery isolator. Accessory socket. Backhoe mounting brackets. Tooth guard. Fabric suspension seat. Custom paint.

## 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.

