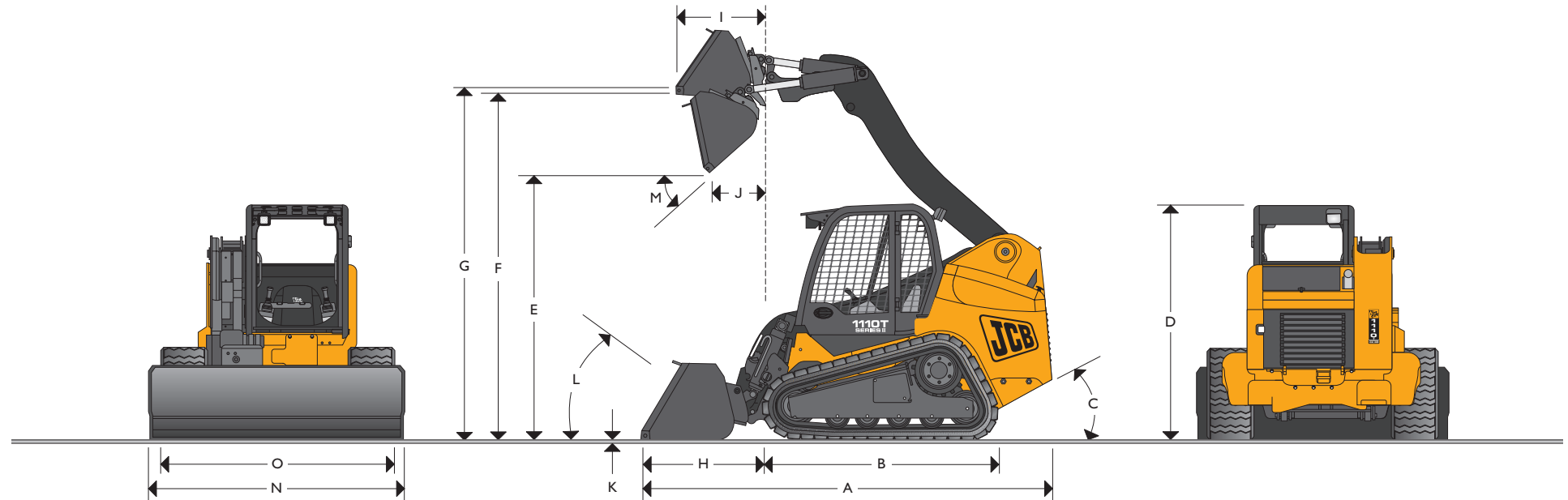




OPERATING WEIGHT: 4650kg and 4960kg OPERATING CAPACITY: 950kg and 1150kg



STATIC DIMENSIONS

	190T m (ft-in)	1110T m (ft-in)
A Overall length	3.50 (11-6)	3.5 (11-6)
B Crawler base	1.49 (4-10)	1.49 (4-10)
C Angle of departure	28°	28°
D Overall height	2.03 (6-8)	2.03 (6-8)
E Dump height	2.44 (8-0)	2.44 (8-0)
F Loadover height	2.97 (9-9)	2.97 (9-9)
G Height to hinge pin, fully raised	3.27 (10-9)	3.27 (10-9)
H Reach at ground level (toe plate horizontal)	1.03 (3-4)	1.03 (3-4)
I Max reach at full height	0.97 (3-2)	0.97 (3-2)
J Reach at full height – fully dumped	0.66 (2-2)	0.66 (2-2)
K Dig depth (toe plate horizontal) clearance	-9mm (- <sup>3</sup> / <sub>8</sub> )	-9mm (- <sup>3</sup> / <sub>8</sub> )
L Rollback at ground	30°	30°
M Dump angle	40°	40°

		190T m (ft-in)	1110T m (ft-in)
N Shovel width – standard		1.88 (6-2)	1.88 (6-2)
Shovel width – optional		1.96 (6-5)	2.03 (6-8)
O Width over tracks – standard		1.83 (6-0)	2.03 (6-8)
Width over tracks – optional		2.03 (6-8)	–
Lift capacity at full height	SAE kg	950	1150
Maximum tipping load	SAE kg	2714	3285
Shovel capacity – standard	cu.m	0.50	0.60
Pallet fork rated capacity (35% safety factor at 400mm load centre) kg (lbs)		752 (1658)	841 (1795)
<b>Turning radius</b>			
Bucket corner radius		2.20 (7-3)	2.20 (7-3)
Quick hitch radius		1.30 (4-3)	1.30 (4-3)
Rear chassis radius		1.66 (5-6)	1.66 (5-6)



## MACHINE RATING

<b>Rated operating capacity (SAE):</b>		<b>kg</b>
I90T		950
III0T		1150
<b>Tipping load:</b>		
I90		2714
III0		3285
<b>Breakout force</b>		
Lift cylinder	kgf	2750
Tilt cylinder	kgf	2500

## ENGINE

		I90T	III0T
Model		JCB Dieselmix TC-63	JCB Dieselmix TC-68
Displacement	litres	4.4	4.4
Fuel		Diesel	Diesel
Cooling		Water	Water
Bore	mm	103	103
Stroke	mm	132	132
<b>Gross power @ 2200 rpm</b>			
ISO 14396	kW (hp)	63 (84)	68 (92)
<b>Gross torque @ 1200 rpm</b>			
ISO 14396	Nm (lb/ft)	362 (267)	408 (300.9)
Emission certification		EC Stage IIIA/USA EPA Tier 3	EC Stage IIIA/USA EPA Tier 3
Engine oil service intervals		500 hours	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. Creep Control option, standard on high flow for precise attachment control.

**Travel speeds both forward and reverse:** 10 kph (6.2mph)

## CAPACITIES

<b>I90T and III0T</b>	<b>litres (gal)</b>
Hydraulic system (inc. Tank)	56 (12.3)
Fuel tank	107 (23.5)
Engine coolant	15 (3.3)
Engine oil	8.5 (1.9)

## 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 unparalleled machine access/egress.

## WEIGHT

**SAE operating weight.**

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

**I90T** 4650 kg

**III0T** 4960 kg

## TRACKS

<b>I90T Standard Track</b>	320mm wide
<b>III0T Standard Track</b>	450mm wide
<b>Available Options</b>	450mm Track on I90T



## 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:** 80 litres / minute (17.6 gal/min) @ 2200 rpm engine speed  
Main relief pressure 225 bar (3263 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 133 litres/min (29.2 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.
- Retractable 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. Oil immersed fail safe 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. Catalytic converter. Tooth guard. Wide core radiator. Fabric suspension seat. RH fender. Counterweight kit – increases R.O.C by 80kg. 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.

