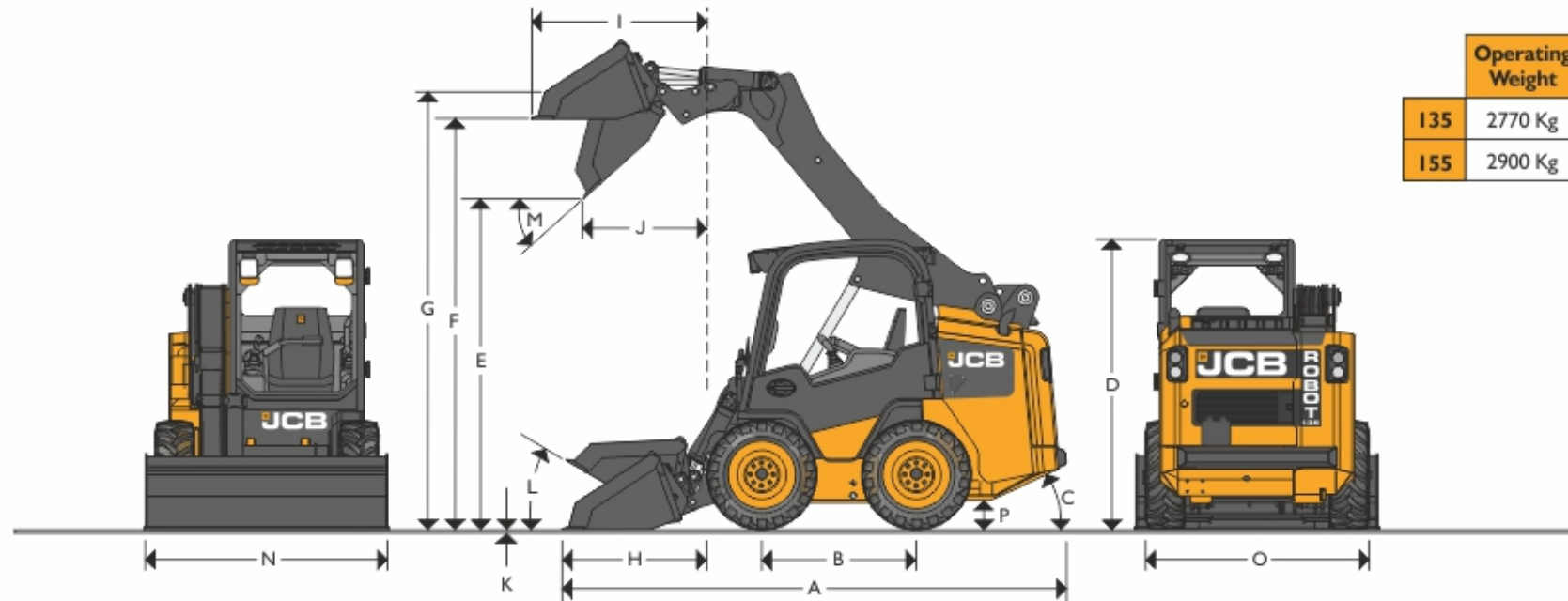


# Specifications



	Operating Weight	Operating Capacity	Power
135	2770 Kg	612 Kg	34 kw
155	2900 Kg	703 Kg	42.28 kw

## STATIC DIMENSIONS

	135	155
	m (ft-in)	m (ft-in)
A Overall length	3.49 (11-5)	3.49 (11-5)
B Wheel base	1.07 (3-6)	1.07 (3-6)
C Angle of departure	degrees 25°	degrees 25°
D Overall height	1.98 (6-6)	1.98 (6-6)
E Dump height	2.26 (7-5)	2.26 (7-5)
F Loadover height	2.84 (9-4)	2.84 (9-4)
G Height to hinge pin, fully raised	3.00 (9-10)	3.00 (9-10)
H Reach at ground level (cutting edge)	1.00 (3-3)	1.00 (3-3)
I Max reach at full height	0.91 (3-0)	0.91 (3-0)
J Reach at full height-fully dumped	0.56 (1-10)	0.56 (1-10)
K Dig depth (toe plate horizontal) clearance mm (in)	-10mm (-0.4)	-10mm (-0.4)
L Rollback at ground	degrees 30°	degrees 30°
M Dump angle	degrees 42°	degrees 42°
N Shovel width-standard	1.52 (5-0)	1.68 (5-5)

	135	155
	m (ft-in)	m (ft-in)
O Width over tyres-standard	1.52 (4-11)	1.60 (5-3)
Rated Operating Capacity (ROC)	SAE kg 612	703
Bucket Capacity - Standard	CuM 0.36	0.40
Maximum tipping load	SAE kg 1224	1406
<b>Turning radius</b>		
Bucket corner radius	2.09 (6-10)	2.09 (6-10)
Quickhitch radius	1.10 (3-7)	1.10 (3-7)
Rear chassis radius	1.65 (5-5)	1.65 (5-5)
P Ground clearance	mm (in) 210 (8.3)	210 (8.3)
Lift Path	Radial	Radial
Machine Weight	(Kg) 2770 Kg	2990 Kg

\* All dimensions, weights and timings are variable within 1.5% JCB reserves the right to change specifications without prior notice.

# Specifications

## ENGINE

	135	155
Make	Perkins 404D-22	Perkins 404D-22T
Power		
ISO 14396 hp (kW)	46 (34) @ 2600 RPM	56 (42) @ 2600 RPM
Gross Torque		
SAE J1995 lb/ft (Nm)	105 (143)	139 (192)
Aspiration	Naturally Aspired	Turbo Charged
Fuel	Diesel	Diesel
Emission certification	BS III	BS III

## TRANSMISSION

A 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 both precise and easy operation. Transmission power systems maintains full engine power availability maximizing loader and attachment control. Creep speed is standard on 155 machine for precise control when operating attachments.

Model	Max Speed
Travel speed	Km/hr
135	12.0
155	12.0

## HYDRAULICS

In addition to the main hydrostatic drive pumps, there is a dedicated loader and attachments supply pump (Auxiliary hydraulics circuit standard on all base models).

- 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.
- Loader arm hydraulic lines under protective steel guard on Power Boom.
- Canister style, full flow, hydraulic oil filter.
- Separate hydraulic pump for transmission charge and hydraulic fan.

Pump flow	70 lpm @ 2600 rpm engine speed
Main relief pressure	3335 psi (230 Bar)
Controls	JCB servo controls - 3 way joystick

## CAPACITY

Hydraulic system (including tank)	69 litres
Fuel tank	98 litres
Engine coolant	15 litres
Engine oil	10 litres
LH chain case	19 litres
RH chain case	19 litres

## TYRE

Standard Tyre - 135 / 155	10 X 16.5 - 8 PR standard
	Solid Tyre - Optional

## ELECTRICALS

Type	12V, negative ground system
Battery	90 AH 900 cold cranking amp (CCA) battery (135), 900 cold cranking amp (CCA) battery (155)
Alternator	65 amp (135), 85 amp (155)
Starter motor	12V
Instrument panel	Cab mounted instrument panel with ignition, fuel gauge, hour meter
Instrument panel with warning lights cluster	Engine coolant temperature, Engine oil pressure, Hydraulic oil temperature, battery charging
Cab mounted fuse and relay box designated to keep dirt and water out IP 69 external connections: standard battery isolater	

## LIFT PATH

Advantages	Radial, More reach at mid range height, Half the number of pins & rams
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## OPERATOR ENVIRONMENT

Roll over protective structure • Falling over protective structure • Full audio and visual warning systems • Visibility glass on CAB roof • Single arm design • Unequalled all-round visibility • Fully adjustable seat • Seat belt fitted as standard • All in a bigger, more comfortable cab with a superior control layout

## SERVICEABILITY

Machine entry /exit Cab Door • Tilting Cab • Rear maintenance door