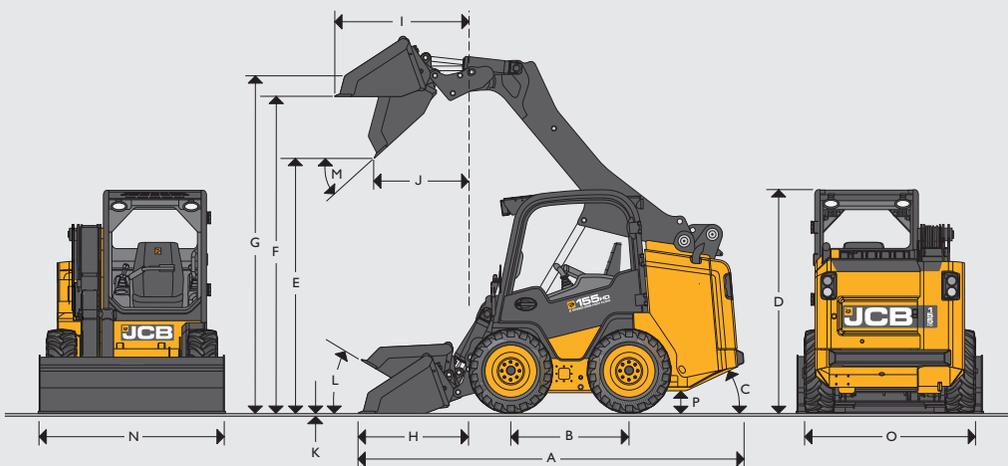


STATIC DIMENSIONS



		135 HD	155 HD	
A	Overall length	m	3.49	3.49
B	Wheel base	m	1.07	1.07
C	Angle of departure	degrees	25	25
D	Overall height	m	1.98	1.98
E	Dump height	m	2.26	2.26
F	Loadover height	m	2.84	2.84
G	Height to hinge pin, fully raised	m	3	3
H	Reach at ground level	m	1	1
I	Max reach at full height	m	0.91	0.91
J	Reach at full height - fully dumped	m	0.56	0.56
K	Dig depth (toe plate horizontal) clearance	mm	-10	-10
L	Rollback at ground	degrees	30	30
M	Dump angle	degrees	42	42
N	Shovel width - standard	m	1.52	1.68
O	Width over tyres - standard	m	1.52	1.6
	Rated operating capacity (ROC)	kg	612	703
	Bucket capacity - standard	m ³	0.36	0.4
	Maximum tipping load	kg	1224	1406
Turning radius				
	Bucket corner radius	m	2.09	2.09
	Quickhitch radius	m	1.1	1.1
	Rear chassis radius	m	1.65	1.65
P	Ground clearance	mm	210	210
	Lift path	m	Radial	Radial
	Machine weight	kg	2770	2990
	Operating capacity	kg	612	703

ENGINE

		135 HD	155 HD
Make		Perkins 404D-22/Perkins 404D-22T	
Power ISO 14396	kW (hp)	34 (46)	42 (57)
Gross torque SAE J1995	Nm	143	192
Aspiration		Naturally aspirated	Turbo charged
Fuel		Diesel	
Emission certification		BSIII	

TRANSMISSION

		135 HD	155 HD
Max speed	km/hr	12	

HYDRAULICS

Pump flow		70 lpm @ 2600 rpm engine speed	
Pump flow (high flow)		100 lpm @ 2600 rpm engine speed	
Main relief pressure		3335 psi (230 bar)	
Controls		JCB servo controls – 3 way joystick	

CAPACITY

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

TYRES

Standard tyre	Standard: 10 x 16.5 - 8 PR. Optional: Solid tyre.
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ELECTRICS

Type	12V, negative ground system
Battery	90 AH 900 cold cranking amp (CCA) battery
Alternator	135: 65 amp 155: 85 amp
Starter motor	12V
Instrument panel with warning lights cluster	Cab mounted with ignition, fuel gauge, hour meter, engine coolant temperature, engine oil pressure, hydraulic oil temperature and battery charge.

Cab mounted fuse and relay box designed to keep dirt and water out. IP 67 & 69 external connections: Standard battery isolator.

STANDARD EQUIPMENT

Isolation mounted ROPS/FOPS canopy with right-hand mesh. Full audible and visual warning light system. Restraint activated seat belts. Rear view mirror. Interior light. Mechanical suspensions seat with integral servo controls and cup holder. Hand throttle. Power socket. Roof mounted beacon. Loader arm safety strut. Centrifugal dry type air filter. Mechanical quick-hitch. Front and rear work lights.