



## SKID STEER LOADER | 135 HD/155 HD

Operating weight: 2770 – 2900 kg | Gross rated power: 34 – 42 kW (46 – 57 hp)



## PRODUCTIVE PERFORMANCE.

POWER AND PERFORMANCE ARE ESSENTIAL FEATURES FOR ANY SKID STEER LOADER. WITH POWER APLENTY AND A RAFT OF VERSATILE FEATURES, THE JCB 135 HD AND 155 HD SET NEW STANDARDS OF EFFICIENCY AND PRODUCTIVITY.

### Where power meets efficiency.

- 1 There's a 95 litre fuel tank as standard on the 135 HD and 155 HD, with efficient matching of hydraulics, transmission and engine speed. This combination ensures maximum uptime between refuelling: a welcome feature when you're working in remote areas where fuel has to be transported in.
- 2 Built with strength in mind, the single arm boom featured on the JCB 135 HD and 155 HD has 20% more high tensile strength steel compared with twin arm competition, ensuring a longer, more productive life.
- 3 The robust structural design of the 135 HD and 155 HD ensures the machine can operate effectively in harsh environments.

#### UNEARTHED: KEY FACT

Our standard mechanical quickhitch is designed to meet stringent JCB standards; making for quick and efficient attachment changes.





# SAFETY AND SECURITY.

THE JCB 135 HD AND 155 HD ARE BUILT TO HELP YOU TO WORK HARDER IN DIFFICULT ENVIRONMENTS. THANKS TO JCB'S INNOVATIVE DESIGN, OPERATORS CAN ENTER THE MACHINE SAFELY AND WITH EASE.

## Visibly better.

1 JCB's innovative side door entry allows the operator safe access to the cab, removing the need to climb over attachments or under an unsupported boom.

2 The emergency exit on a JCB skid steer is via the front of the machine, as opposed to via the small rear window as per traditional twin-arm designs.

3 With a 270 degree field of vision, our machines offer 60% better visibility than rival machines (which offer around 165 degrees).

4 The cab is equipped with grills on the right hand side of the machine for increased operator safety.\*

\* Left hand-side grill optional

### UNEARTHED: KEY FACT

The single-arm low-slung boom design on the 135 HD and 155 HD mean there's excellent visibility to both the left and right side of the machine.



Ordinary Skid Steer 165° Visibility



JCB Skid Loader 270° Visibility



# COMFORTABLY SUPERIOR.

FOR A MACHINE TO PROVIDE MAXIMUM EFFICIENCY, IT NEEDS TO BE INTUITIVE AND COMFORTABLE TO OPERATE. WITH THAT IN MIND, WE'VE DESIGNED THE JCB I35 HD AND I55 HD MODELS TO PROVIDE THE MOST ERGONOMIC OPERATOR ENVIRONMENT POSSIBLE.

## Comfort and convenience.

- 1 A large side door offers the operator easy access to the cab.
- 2 There's a fully adjustable mechanical suspension seat for optimum comfort.
- 3 To improve the operator environment, key controls have been ergonomically placed. Additionally, both a large storage area and cup holder have been incorporated into the arm of the seat.
- 4 Low effort servo-assisted controls make it easier to operate one of these loaders. An optional multi-functional joystick enables operators to use a wide array of hydraulic attachments.



**UNEARTHED: KEY FACT**  
Our cab is quite simply in a class of its own; we offer a 46% larger operator environment on the I35 HD and I55 HD models than the competition.





## LOW MAINTENANCE LONG INTERVALS.

PURPOSE-DESIGNED AND BUILT TO COPE WITH THE MOST DEMANDING SITES ON EARTH, THE NEW I35 HD AND I55 HD OFFER PREMIUM QUALITY AND RELIABILITY. THE PROCESS WE'VE USED IN ITS DESIGN AND MANUFACTURE WILL ENSURE THAT WORK GOES ON HOUR AFTER HOUR, DAY AFTER DAY.

### Extreme testing, extreme durability.

- 1 The JCB I35 HD and I55 HD are both equipped with an advanced fuel filtration system designed specifically for reliable operation in territories where fuel quality cannot be guaranteed.
- 2 All of your loader's daily maintenance points are easily accessed via a large rear service door. When it comes to more complex maintenance, our unique tilting cab design ensures easy access to key components.
- 3 IP 67 and 69 electrics keep out water and dust protecting the machine in arduous environments.



### UNEARTHED: KEY FACT

By using advanced manufacturing and assembly processes, we produce only the highest precision quality components.



## VALUE ADDED.

JCB'S WORLDWIDE CUSTOMER SUPPORT IS FIRST CLASS. WHATEVER YOU NEED AND WHEREVER YOU ARE, WE'LL BE AVAILABLE QUICKLY AND EFFICIENTLY TO HELP MAKE SURE YOUR MACHINERY IS PERFORMING TO ITS FULL POTENTIAL.

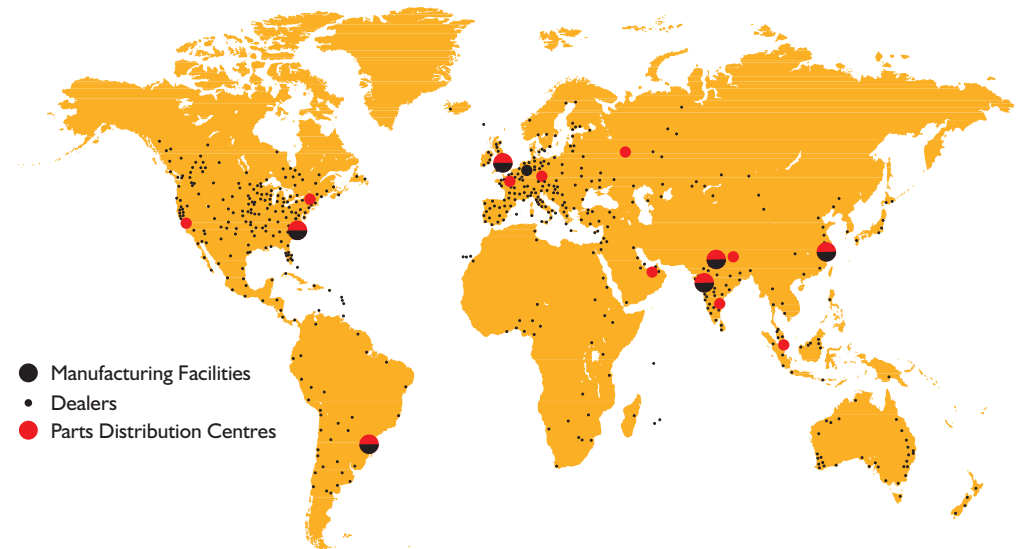


1 Our Technical Support Service provides instant access to factory expertise, day or night, while our Finance and Insurance teams are always on hand to provide fast, flexible, competitive quotes.

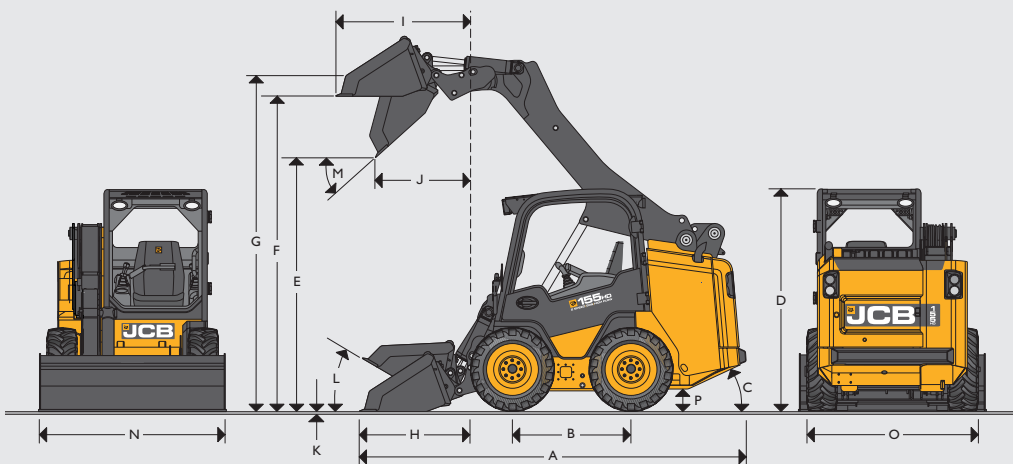
2 The global network of JCB Parts Centres is another model of efficiency; with 16 regional bases, we can deliver around 95% of all parts anywhere in the world within 24 hours. Our genuine JCB parts are designed to work in perfect harmony with your machine for optimum performance and productivity.



3 JCB Assetcare offers comprehensive extended warranties and service agreements, as well as service-only or repair and maintenance contracts. Irrespective of what you opt for, our maintenance teams around the world charge competitive labour rates, and offer non-obligation quotations as well as fast, efficient insurance repair work.



## 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 <sup>3</sup>	0.36	0.4
	Maximum tipping load	kg	1224	1406
<b>Turning radius</b>				
	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	<b>Standard:</b> 10 x 16.5 - 8 PR. <b>Optional:</b> Solid tyre.
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## ELECTRICS

Type	12V, negative ground system	
Battery	90 AH 900 cold cranking amp (CCA) battery	
Alternator	<b>135:</b> 65 amp	<b>155:</b> 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.





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JCB Sales Limited, Rocester, Staffordshire, United Kingdom ST14 5JP.

Tel: +44 (0)1889 590312 Email: [salesinfo@jcb.com](mailto:salesinfo@jcb.com)

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