SKID STEER LOADER | 135 HD/155 HD

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

JCB

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, along with extremely fuel-efficient matching of hydraulics, transmission and engine. 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 with internal baffle plates compared to twin arm models, for a longer and more productive machine life.

3 The unmatched structure and design of the 135 HD and 155 HD means these machines can operate in tougher applications and confined areas.

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

SAFETY AND SECURITY.

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.

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 exclusive side entry cab design allows operators to access the loader without having to climb over large cumbersome 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 loaders have up to 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*

Ordinary Skid Steer 165° Visibility

3

JCB Skid Loader 270° Visibility

4

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 135 HD AND 155 HD MODELS TO PROVIDE THE MOST ERGONOMIC OPERATOR ENVIRONMENT POSSIBLE.

UNEARTHED: KEY FACT
Our cab is quite simply in a class of its own; we offer a 46% larger operator environment on the 135 HD and 155 HD models than the competition.

Comfort and convenience.

1 Access to a JCB skid steer loader is provided via a door that's double the size of rival offerings.

2 There's a fully adjustable mechanical suspension seat for optimum comfort.

3 To make the cab an even better working environment, there's handy storage in the left arm rest and a mechanical throttle on the right.

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.

LOW MAINTENANCE LONG INTERVALS.

PURPOSE-DESIGNED AND BUILT TO COPE WITH THE MOST DEMANDING SITES ON EARTH, THE NEW 135 HD AND 155 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.

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

Extreme testing, extreme durability.

1 The JCB 135 HD and 155 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.

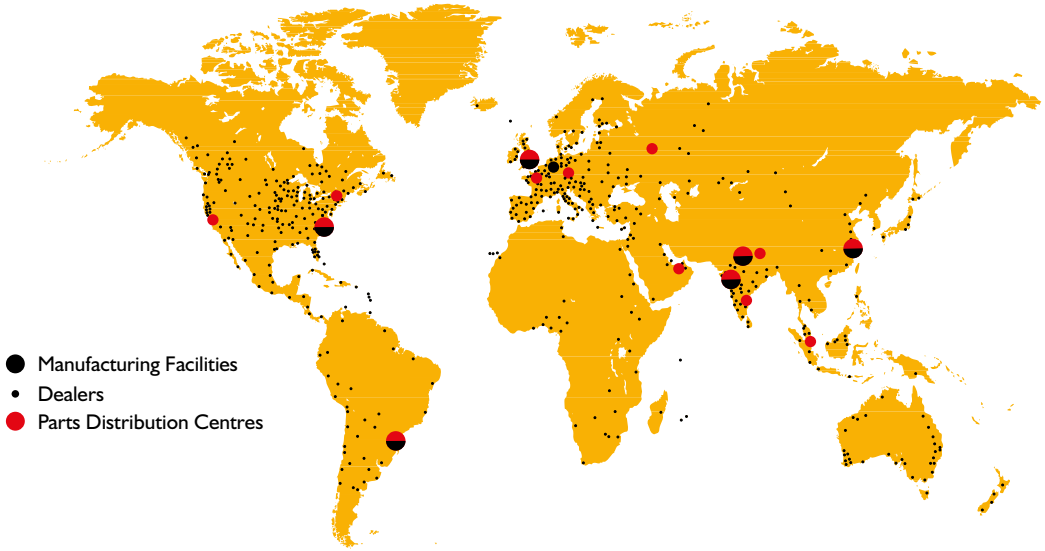
VALUE ADDED.

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.

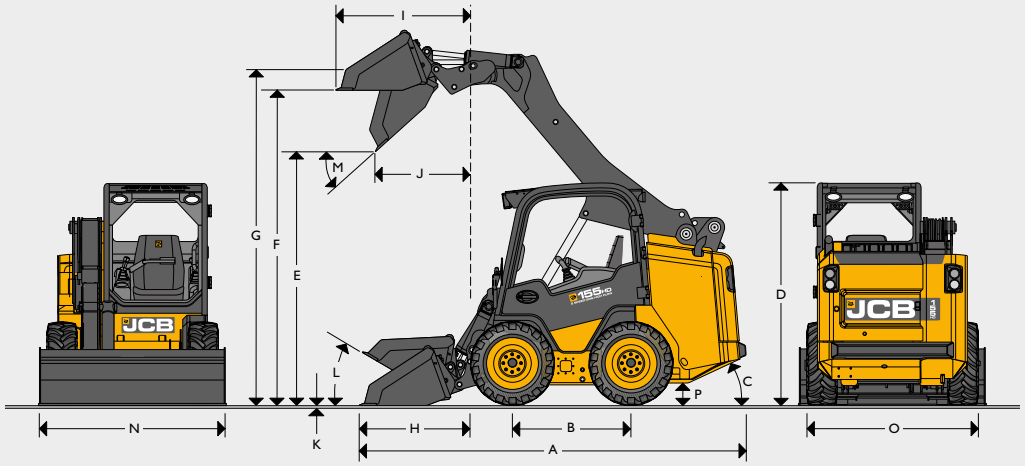
1 Our Technical Support Service provides instant access to factory expertise, day or night, while our Finance and Insurance teams are always on hand to provide fast, flexible, competitive quotes.

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^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 ISO14396	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
Main relief pressure	3335 psi (230 bar)
Controls	JCB servo controls - 3 way joystick

CAPACITY

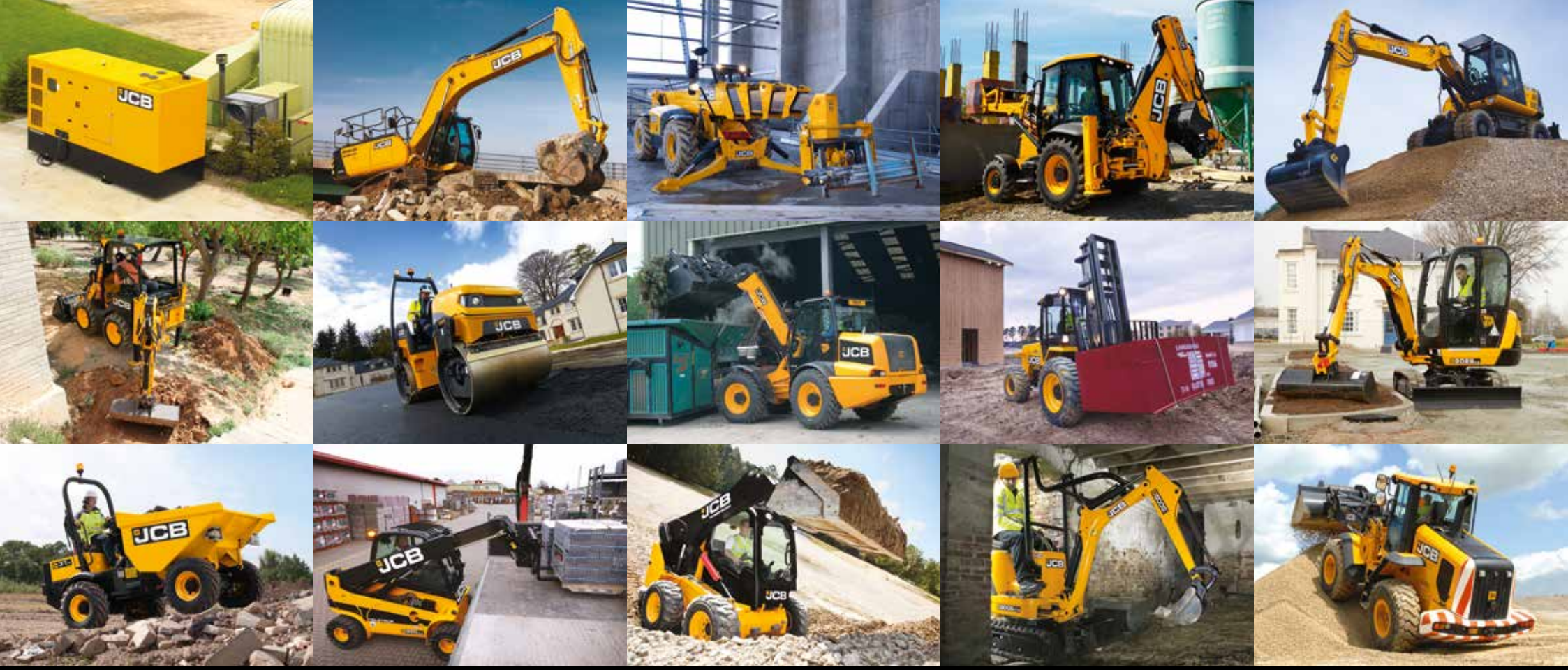
Hydraulic system (including tank)	litres	69
Fuel tank	litres	98
Engine coolant	litres	15
Engine oil	litres	10
LH chain case	litres	19
RH chain case	litres	19

TYRES

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

ELECTRICS

Type	12V, negative ground system
Battery	**135:** 90 AH 900 cold cranking amp (CCA) battery. **155:** 900 cold cranking amp (CCA) battery.
Alternator	**135:** 65 amp. **155:** 85 amp.
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 designed to keep dirt and water out.	
IP 67 & 69 external connections: Standard battery isolator.	



ONE COMPANY, OVER 300 MACHINES.

Your nearest JCB dealer

9999/5887 01/15 en-GB Issue 1

SKID STEER LOADER 135 HD / 155 HD

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

JCB Sales Limited, Rocester, Staffordshire, United Kingdom ST14 5JP.
Tel: +44 (0)1889 590312 Email: salesinfo@jcb.com

Download the very latest information on this product range at: www.jcb.com

©2009 JCB Sales. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any other means, electronic, mechanical, photocopying or otherwise, without prior permission from JCB Sales. All references in this publication to operating weights, sizes, capacities and other performance measurements are provided for guidance only and may vary dependant upon the exact specification of machine. They should not therefore be relied upon in relation to suitability for a particular application. Guidance and advice should always be sought from your JCB Dealer. JCB reserves the right to change specifications without notice. Illustrations and specifications shown may include optional equipment and accessories. All images are correct at time of print. The JCB logo is a registered trademark of J C Bamford Excavators Ltd.

JCB