NEW SKID STEER LOADER INDIA RANGE



JCB SKID STEER LOADER SSL 135 & SSL 155

THERE'S MORE TO EVERY MACHINE

JCB



WHY CHOOSE US?

PRODUCTIVITY

- Productivity through ease of use
- Productivity through performance
- Productivity through versatility
- Productivity through greater connect

SOUND INVESTMENT

Better fuel efficiency

Low cost of maintenance

Ease of serviceability

PERFORMANCE

THE SINGLE ARM DESIGN

- The JCB skid steer's single arm has 20% more steel than that in both arms combined in an average skid steer.
- This unique design does not require large torque tube design at the rear of the machine and allows for side entry into the machine.
- Neat installation of hoses through the boom.
- Totally unobstructed view of right hand side of the machine.



EFFECTIVE WEIGHT DISTRIBUTION

- In a no load condition, 70% of the weight is distributed at the rear and 30% at the front of the machine. When loaded, there's just an exchange of weight distribution, 30% at the rear and 70% at the front.
- This optimum weight distribution maximises tyre life, increases machine stability and balance, ensuring that the machine turns and skids easily greatly reducing the fuel consumption.

FUEL EFFICIENCY

- The optimised hydraulics and transmission systems have led to significant improvement in fuel efficiency.

OPERATOR SAFETY & COMFORT

SIDE ENTRY

- The unique side door entry allows for the operator to enter and exit the machine without having to climb over the attachments or under an unsupported boom.
- This allows the front window to be used as an emergency exit which is nearly 2 1/2 times bigger than the emergency exit of an average skid steer.



Other Skid Steer
165° Visibility



JCB Skid Steer Loader
270° Visibility





VISIBILITY

- With a 270° field of vision, our loaders have upto 60% better visibility than the average skid steers (which offer around 165°).
- The single-arm low-slung design means there's excellent visibility to both the left and right side of the machine.
- There's a standard-fit rearview mirror at the operator's eye level for easy rearward visibility.

CABIN DESIGN

- Equipped with grills for operator safety
- Servo isolator switch, hydraulic cut off and seat belt
- Audio and visual warning systems
- Roll over and falling over protective structure
- Pressure sealed cab
- Largest cab by volume

CAB ERGONOMICS

- Low effort servo-assisted controls and the new foot throttle reduce operator fatigue
- The placement of control and instrumentation panel optimises comfort
- Optional smooth ride system
- An optional multi-function joystick enables operators to use a wide array of hydraulic attachments
- Mobile charging station
- 4" digital informative colour display



CONNECT

SECURITY

- In case of sudden drop in fuel level get an SMS/e-mail alert.
- Alerts you via SMS/e-mail in case the machine is used outside the set hours.
- Helps to locate your machine precisely on the map to display its current location.
- Get SMS/e-mail alerts in case the machine moves out of the geofenced area.
- Alerts you via SMS/e-mail in case the machine is being towed away even in engine off condition.

LIVE JCB LINK CONNECTED

Stay Connected 24x7

OPERATION & PERFORMANCE MONITORING

- Idle time monitoring helps in analysing the extent to which engine was idle.
- Machine usage can be monitored in detail including the hours worked in each mode.
- Instantaneous fuel level monitoring.

REPORTS & ALERTS

- Customised reports on performance, utilisation, fleet summary, landmark activity, machine hours and service status.
- Easier fleet management.
- Periodic reports - daily, weekly, monthly or as required.
- Machine status and critical health alerts.

PROACTIVE MAINTENANCE & USAGE

- Maintenance reminders.
- Alerts are displayed on the dashboard of the LiveLink website, in case any critical health parameter needs attention.

SAFETY

- Engine high rpm shut down report: Know the number of times the engine shuts down while working at high speeds.
- Long engine idling report: Know the number of times the machine idles for a long time, minimising idle hours and saving fuel.
- Critical health alerts on the parameter which needs immediate attention.

* T&C Apply

EASE OF MAINTENANCE & SERVICEABILITY

- Tilting cab design ensures easy access to key components.
- Large rear opening door for exceptional access to engine area and daily maintenance points.
- 38% fewer parts, 25% fewer leak paths as compared to the average skid steer.
- A clean and open layout leads to lowered service costs.
- The engine is placed in such a way that it is protected from any outward disturbances outside.



JCB Care +Plus

Extended Warranty Programme

EXTENDED CARE

- JCB Careplus is an extended warranty programme that comes into effect after the machine's standard warranty expires.
- JCB Careplus can be purchased within the 1st year from the sale of the machine.
- The programme offers you peace of mind and saves your maintenance cost even after your machine's standard warranty expires.

BENEFITS OF JCB CAREPLUS

- No limits on number of claims
- Preventive maintenance service*
- Nationwide coverage*
- JCB skilled manpower support
- Maximum productivity
- Maximum uptime
- Maximum performance
- Breakdown cost protection
- Better resale value

*T&C Apply.

VERSATILITY

- The myriad of JCB attachments that are made to meet stringent JCB norms, make JCB Skid Steer Loaders the most versatile machines. These compact wonders can be found on all types of job sites from construction and maintenance to snow clearing.

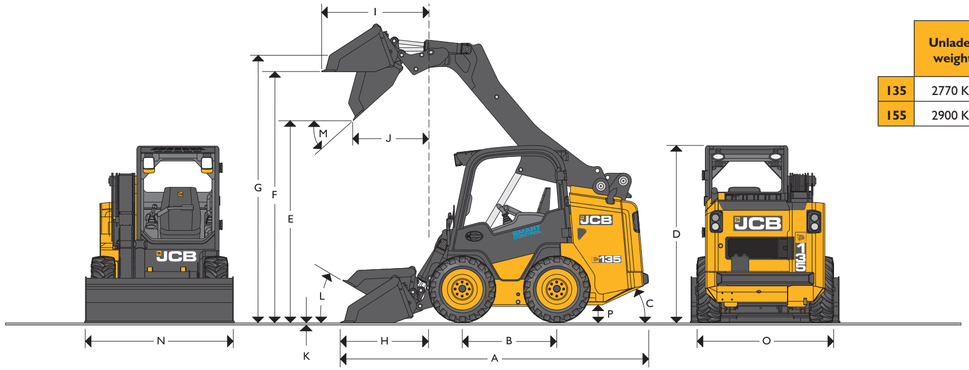












	Unladen weight	Rated Operating capacity
135	2770 Kg	612 Kg
155	2900 Kg	703 Kg

STATIC DIMENSIONS

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

	Model		135	155
N	Shovel width-Standard	m (ft-in)	1.52 (5-0)	1.68 (5-5)
O	Width over tyres-Standard	m (ft-in)	1.52 (5-0)	1.60 (5-3)
P	Ground clearance	mm (in)	210 (8.3)	210 (8.3)
	Lift path	m (ft-in)	Radial	Radial
	Machine unladen weight	Kg	2770	2900
	Rated operating capacity (ROC)	SAE kg	612	703
	Bucket capacity - Standard	cu.m	0.36	0.40
	Maximum tipping load	SAE kg	1224	1406
	Turning radius			
	- Bucket corner radius	m (ft-in)	2.09 (6-10)	2.09 (6-10)
	- Quick hitch radius	m (ft-in)	1.10 (3-7)	1.10 (3-7)
	- Rear chassis radius	m (ft-in)	1.65 (5-5)	1.65 (5-5)

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

ENGINE

			135	155
Make			Perkins 404D-22	Perkins 404D-22
Power (As per ISO14396)	hp (kW)	@2600 RPM	48 (35.7)	48 (35.7)
Gross torque (As per SAE J1995)	lb/ft (Nm)	@1800 RPM	105 (143)	105 (143)
Aspiration			Naturally aspired	
Fuel			Diesel	
Emission certification			BS III (CEV)	

TRANSMISSION

A full servo controlled hydrostatic transmission giving zero to maximum speed, both forward and reverse at full power. Independent transmission systems for both left and right side, controlled through servo controls for precise and easy operation. Transmission power systems maintains full engine power availability maximising loader and attachment control. Creep speed is standard on 155 machine for precise control when operating attachments.

Model		135	155
Max speed	(km/hr)	12.0	

HYDRAULICS

In addition to the main hydrostatic drive pumps, there is a dedicated loader and attachment supply pump.

- 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

Tyre options	10 X 16.5 - 10 PR Heavy Duty Tyre 31 X 10 Solid Tyre (Optional)

ELECTRICALS

Type	12V, negative ground system
Battery	90 AH, 1000 cold cranking amp (CCA) Standard Battery Isolator
Alternator	65 amp
Starter motor	12V
Instrument panel	4 inch display, 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
Fuse & Relay	Cab mounted fuse and relay box designated to keep dirt and water out
External electrical connections	Dust and waterproof IP 67 & 69 certified

LIFT PATH

Radial	Advantages: More reach at mid-range height Half the number of pins & rams

OPERATOR ENVIRONMENT

• Foot throttle to optimise fuel consumption • Roll over protective structure • Falling over protective structure • Full audio and visual warning systems • Mobile charger • Visibility window on CAB roof • Single arm design • Best all around 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 side door •Tilting cab •Rear maintenance door • LiveLink

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JCB EXCEEDING EXPECTATIONS EVERYWHERE

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