JCB SKID STEER LOADER RANGE







The versatility you expect from a skid steer.

The safety and visibility you don't.

WORLD'S SAFEST SKID STEER



In today's tough, hazardous working conditions, the safety of the skid steer operator is paramount. That's why JCB designed the world's first skid steer loaders with a side door. That means, unlike ordinary skid steers, you'll never risk injury by climbing over attachments to enter the cab through the front window. JCB's New Generation skid steers also offer an unparalleled 270 degrees of visibility. That's 60 percent more than ordinary skid steers.

We've accomplished this thanks to JCB's unique PowerBoom design, a concept that promotes operator safety, productivity and machine reliability under the most extreme job site conditions. JCB's New Generation skid steers also take into account operator comfort. We made our cab up to 46% larger, and quieter than other skid steers.

5 Small platform models for any application...

JCB New Generation skid steers are the world's safest. Whatever model you choose, our five reasons to buy come as standard. JCB skid steers have:

- Unique side door for easy entry and exit
- Unrivaled 270° visibility, 60% advantage vs competition
- 46% larger cab, with extremely low noise levels
- Easier to service with 21% better SAE rating
- Up to 16% better fuel consumption

Now available in both radial and vertical lift configurations, JCB's small platform range can suit virtually any application. Whatever the job, there's a JCB skid steer to tackle it.







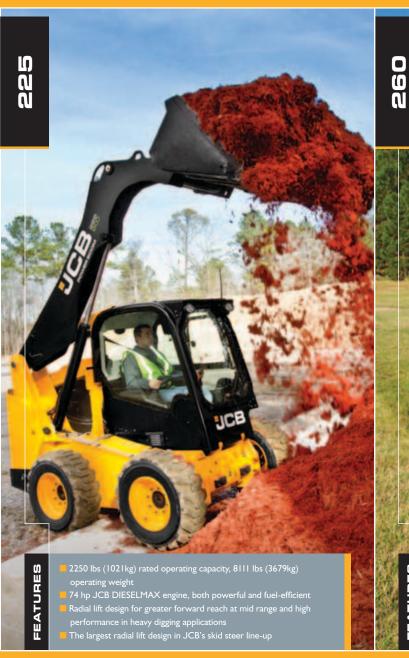
5 Large platform models any application...

JCB New Generation skid steers are the world's safest. Whatever model you choose, our five reasons to buy come as standard. JCB skid steers have:

- Unique side door for easy entry and exit
- Unrivaled 270° visibility, 60% advantage vs competition
- 33% larger cab, with industry low noise levels
- Easier to service with 24% better SAE rating
- Up to 16% better fuel consumption

Now available in both radial and vertical lift configurations, JCB's large platform range can suit virtually any application. Whatever the job, there's a JCB skid steer to tackle it.





2600 lbs (1179kg) rated operating capacity, 8389 lbs (3805kg) 74 hp JCB DIESELMAX engine, 12 x 16.5 wide track floatation tyres



Intelligent design with added safety

Intelligent design

JCB adapted the technology from its world-leading telescopic handlers to give our skid steer customers the unique advantage of a commonsense door. Positioning the skid steer door on the side is just one more JCB innovation in a long history of advancements that date back to the introduction of the world's first backhoe loader in 1953.

Like our telescopic handlers, we achieved superb stability on JCB skid steers by offsetting power train components and the cab to provide for a well-balanced machine. And, like telescopic handlers, our operators have an exceptional view around the work site, making them safer and more productive.

A unique door

Operators of ordinary skid steers have grown accustomed to courting danger every day by climbing in and out of their machines through the front window. That involves clambering over large, potentially dangerous attachments just to enter or leave the cab. JCB takes the common-sense approach – by positioning the door on the side of the machine.

Having a side door also makes the JCB skid steer more productive. Now there's no need to remove loads of material to get in and out of the machine. What other skid steer design allows the operator to enter or exit a skid steer as safely and easily? None.



JCB's PowerBoom design is proven in their world's best-selling



No compromise on performance

One boom is better than 2 arms

JCB's PowerBoom contains up to 20 percent more steel than the two arms of an ordinary skid steer loader. This extra margin of steel provides the strength to give you a lifetime of productivity, whatever the application. Single booms aren't new – JCB telescopic handlers and hydraulic excavators have clearly demonstrated the power of the design. Furthermore, as the world leader in telescopic handler sales, JCB has the experience and track record to transform ordinary skid steer designs into something far greater.

Proven performance

Vertical lift provides maximum lift capacity at maximum height and reach. Achieving vertical lift with ordinary skid steers comes with a compromise – the torque tube restricts rear visibility. This is not an issue with JCB's PowerBoom design.

Radial lift provides an improved digging geometry, which gives you more reach at mid point in the lift cycle. This design is also preferred in arduous applications that do not require reach at full lift height.

The heart of the JCB product is its power plant, which is purpose-built for the construction equipment industry. This powerful turbocharged diesel engine provide incredible power at low RPMs, thus reducing fuel consumption and exhaust emissions while supplying enough torque for the toughest of jobs.





Visibly better

Ordinary skid steer 165° Visibility



60% better than competitors

JCB skid steers offer unmatched visibility for our operators – 270 degrees of visibility, in fact, which is 60 percent more than that offered by ordinary skid steers. Common sense shows the more you can see, the more productive you are and the less likely you are to injure yourself or your co-workers. It has been documented that the highest percentages of accidents involving construction equipment occur when reversing. JCB's PowerBoom design eliminates the need for a rear torque tube, as found on competitive vertical lift machines, which further enhances rearward visibility. JCB improves visibility even more by installing a rear-view mirror on every skid steer model.

No mesh for a clear view

Enclosed cab versions of the new JCB skid steer feature laminated protective glass, not the steel mesh found on ordinary skid steers. This gives our skid steer operators unhindered visibility all around the machine, just like we provide on our telescopic handlers. On canopy versions, JCB provides a half door, a feature that again maximises operator visibility. And, because there's no loader arm on the left side of the machine, JCB skid steer operators enjoy a completely unobstructed view on both sides of the machine.



An independent study by an accredited engineering college verifies JCB's visibility advantage.



Work in total comfort

Up to 46% more cab space

JCB operators will marvel at the comfortable and spacious skid steer cab. In fact, our cab helps to prove the old adage: a comfortable operator is a productive operator. Many skid steer owners are operators and the cab is their office. That's why it makes sense to enter the machine through a door rather than the front window. Also because the JCB skid steer's door is more than twice the size of our competitor's front window, entering and exiting are safe and easy. The cab's interior boasts up to 46% more space than competitive machines, which makes for a more comfortable day at the office. Ample storage space is also provided in the armrests of the machine and in the tool-storage area.

A comfortable environment

The JCB cab features an industry-low noise level of 76dB(A). That's half the level of ordinary skid steers. Lower ambient noise means the operator can concentrate on the task at hand. An AM/FM/MP3 player enables the operator to enjoy background music or stay up to date on current events. A standard adjustable suspension seat provides added comfort and support, even over the roughest terrain. The JCB machine has been designed with the operator in mind, from easy-to-view overhead control panels placed in the operator's line of sight to intuitive, easy-to-use controls. Three operator compartment configurations are available — open canopy, cab with heat, and cab with heat and air conditioning.



Machine option controls are ergonomically placed at roof level in the operator's line of sight.



The right control panel features machine diagnostics, an electronic throttle and the skid steer's ignition.



An optional multi-function joystick enables the user to operate a wider variety of hydraulically driven attachments. The left arm rest also features a storage compartment.



More accessibility means less downtime

Best-in-class serviceability

You can rely on JCB to make life easier and less costly when it comes to servicing your skid steer. A large opening rear door allows you access to the engine and all daily checkpoints. There is even a top-opening hood for enhanced access to the top of the engine and radiator clean out. JCB's PowerBoom design features 35% fewer grease points than twin-arm competitors. Extended greasing intervals of 50 hours enable you to spend less time servicing the machine and more time earning money with it.

Tilting cab design

A new tilting cab design allows easy access to the machine's power train and hydraulic components for maintenance and servicing. New O-Ring Face Seal hydraulic fittings and a simplified overall design result in 38% fewer parts; that means fewer parts to service. To ensure complete peace of mind, JCB also provides customers with a standard one-year warranty. And, to make sure you get the parts you want when you want them, we also offer a 48-hour parts guarantee.







Whatever the job, whatever the season

31 attachment ranges

Our new range of 3 I types of attachments provides ultimate versatility. That gives you the flexibility to use your JCB skid steer all year round. JCB attachments are designed to meet stringent JCB standards. The universal mechanical quickhitch allows for easy interchange between attachments. An optional hydraulic quickhitch enables you to change attachments from the comfort of your cab. An optional 7-way multi-function joystick allows you to use a wider variety of hydraulically driven attachments.



Enhancing your productivity

A wide array of options further enhance productivity. Multiple tyre options allow the machines to be utilised in many different environments. The two-speed transmission option allows for faster travel speeds. JCB's Smooth Ride System reduces material spillage during load and carry operations while enhancing operator comfort. The Parallel Lift option helps keep loads level throughout the lift cycle; that's a benefit when handling palletised loads. High-flow hydraulics expand the range of attachments that can be used with the machine.



A brochure listing the full range of skid steer attachments is available from JCB. Find out more at www.jcb.com.

SKID STEER LOADER | VERSATILITY



From breakers and buckets to rakes and rollers, JCB's attachments keep you productive year round





VISIBILITY

- 270 degrees of visibility, compared to 165 degrees with other skid steers, giving JCB a 60 percent advantage.
- Eliminating the loader arm torque tube provides for superb rear visibility.
- Standard rear-view mirror placed at the operator's eye level further enhances operator visibility.
- Mesh-free enclosed cab design provides unobstructed visibility, similar to telescopic handlers.
- A clear view to the bucket cutting edge provides for increased productivity on the job site.



DOOR

- A common-sense door eliminates the need to climb in through the front window over dangerous attachments.
- The JCB door is twice the size of our competitor's entry to the machine through the front window.
- The door size has been increased and is now 40% larger, allowing easy access to the machine.
- We employ the same intelligent design found on our telescopic handlers: boom design and side-entry cab.
- Sliding left side window for increased ventilation.



SERVICEABILITY

- Large rear opening service door provides exceptional access to all daily maintenance points.
- Access is further enhanced with top-opening hood for radiator clean out and visibility of the top side of the engine.
- Tilting cab design enables easy access during more detailed machine maintenance.
- O-Ring Face Seal hydraulic fittings and 38 percent fewer parts mean less downtime.
- Hydraulically driven variable speed fan helps to minimise internal and external noise.



POWERBOOM

- Common-sense boom design maximises machine performance.
- JCB's PowerBoom has up to 20 percent more steel in one boom than the two arms of competitive skid steers.
- It allows greater visibility on the job site, with no need for torque tubes or an arm on the left side of the machine.
- Proven intelligent design from the maker of the world's best-selling telescopic handlers.
- Vertical lift design allows for more reach at maximum lift height, while radial lift gives you more reach at the midpoint of the lift cycle.



CAB ENVIRONMENT

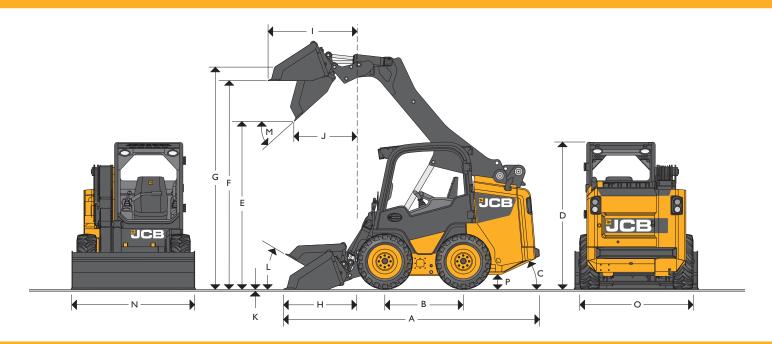
- The modular cab with integrated floor is up to 46% larger than ordinary skid steer cabs.
- Includes a comfortable, standard mechanical suspension seat, with an option for air suspension with heat.
- Pressurised and isolation mounted enclosed cab design provides a more comfortable work environment.
- Industry low 76dB(A) internal cab noise that is more than half the sound level of ordinary skid steers.
- All controls and machine functions are ergonomically placed within easy reach of the operator.



VERSATILITY

- Optional 7-way multi-function joysticks allow easy operation of hydraulically driven attachments.
- Standard mechanical universal quickhitch with an available Hydraulic quickhitch option
- Choose from 31 attachment ranges providing up to 200 distinct attachments.
- Increased hydraulic horsepower, maximises performance of many hydraulically driven attachments.
- Faster cycle times with the optional 2-speed transmission for more speed around the job site

MACHINE SPECIFICATIONS 135		155	175	190	205
	JCE	JCB DE LOS DELOS DE LOS	JCB	JCB	JCB
Lift Path	Radial Lift	Radial Lift	Vertical Lift	Vertical Lift	Vertical Lift
Operating Weight lbs (kgs)	6067 (2752)	6270 (2844)	6638 (3011)	6894 (3127)	7136 (3237)
Engine Model	404D-22	404D-22T	404D-22T	404D-22T	404D-22T
Gross Horsepower hp (kW)	47.9 (35.7)	59.9 (44.7)	59.9 (44.7)	59.9 (44.7)	59.9 (44.7)
Gross Torque lb/ft (Nm)	105 (143)	139 (189)	139 (189)	139 (189)	139 (189)
Visibility	270°	270°	270°	270°	270°
LOADER SPECIFICATIONS	135	155	175	190	205
Rated Operating Capacity lbs (kg)	1350 (612)	1550 (703)	1750 (794)	1900 (862)	2050 (930)
Tipping Load lbs (kg)	2989 (1356)	3100 (1406)	3500 (1587)	3800 (1723)	4100 (1859)
Loader Lift Force lbs (kg)	3175 (1440)	3902 (1770)	3461 (1570)	3461 (1570)	3461 (1570)
Bucket Breakout Force lbs (kg)	4012 (1820)	4012 (1820)	4718 (2140)	4718 (2140)	4718 (2140)
SPECIFICATIONS	135	155	175	190	205
Auxiliary Hydraulic Flow - gpm (lpm)	18.5 (70)	18.5 (70)	18.5 (70)	18.5 (70)	18.5 (70)
High Flow - gpm (lpm)	n/a	26.4 (100)	26.4 (100)	26.4 (100)	26.4 (100)
Main Relief Pressure - psi (bar)	3335 (230)	3335 (230)	3335 (230)	3335 (230)	3335 (230)
Single Speed - mph (kph)	7.5 (12)	7.5 (12)	7.5 (12)	7.5 (12)	7.5 (12)
Two Speed - mph (kph)	n/a	5.6 (9) / 11.5 (18.5)	5.6 (9) / 11.5 (18.5)	5.6 (9) / 11.5 (18.5)	5.6 (9) / 11.5 (18.5)



* Illustration represents vertical lift machine.

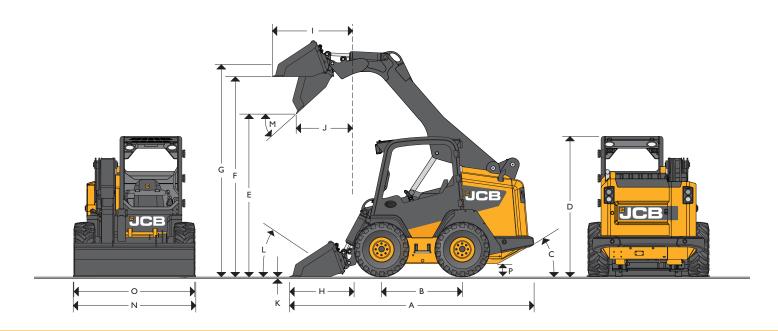
STATIC DIMENSIONS – 135 / 155 / 175 / 190 / 205

	Machine Models		135	155	175	190	205
			ft-in (m)				
Α	Overall Length		11-5 (3.49)	11-5 (3.49)	11-7 (3.53)	11-8 (3.56)	11-10 (3.61)
В	Wheelbase		3-6 (1.07)	3-6 (1.07)	3-6 (1.07)	3-6 (1.07)	3-6 (1.07)
С	Angle of Departure	degrees	25°	25°	25°	25°	25°
D	Overall Height		6-6 (1.98)	6-6 (1.98)	6-6 (1.98)	6-6 (1.98)	6-6 (1.98)
Е	Dump Height		7-5 (2.26)	7-5 (2.26)	7-5 (2.26)	7-5 (2.26)	7-5 (2.26)
F	Loadover Height		9-4 (2.84)	9-4 (2.84)	9-4 (2.84)	9-4 (2.84)	9-4 (2.84)
G	Height to Hinge Pin Fully Raised		9-10 (3.00)	9-10 (3.00)	9-10 (3.00)	9-10 (3.00)	9-10 (3.00)
Н	Reach @ Ground Level (cutting edge)		3-3 (1.00)	3-3 (1.00)	3-3 (1.00)	3-3 (1.00)	3-3 (1.00)
П	Max Reach @ Full Height		3-0 (.91)	3-0 (.91)	3-2 (.97)	3-3 (.99)	3-5 (1.04)
J	Reach @ Full Height - Fully Dumped		1-10 (.56)	1-10 (.56)	2-9 (.86)	2-9 (.86)	2-9 (.86)
K	Dig Depth (toe plate horizontal) Clearance	in (mm)	-0.4 (-10)	-0.4 (-10)	-0.4 (-10)	-0.4 (-10)	-0.4 (-10)
L	Rollback @ Ground	degrees	30°	30°	30°	30°	30°

	Machine Models		135	155	175	190	205
			ft-in (m)				
М	Dump Angle	degrees	42°	42°	42°	42°	42°
Ν	Bucket Width - Standard		5-0 (1.52)	5-5 (1.68)	5-5 (1.68)	5-8 (1.73)	6-0 (1.83)
	Bucket Width - Optional		4-6 (1.37)	5-0 (1.52)	5-8 (1.73)	6-0 (1.83)	5-8 (1.68)
0	Width Over Tyres - Standard		4-11 (1.52)	5-3 (1.60)	5-3 (1.60)	5-3 (1.60)	5-3 (1.60)
	Width Over Tyres - Optional		4-5 (1.37)	5-0 (1.52)	5-0 (1.52)	5-0 (1.52)	5-0 (1.52)
	Rated Operating Capacity	lb SAE (kg)	1350 (612)	1550 (703)	1750 (794)	1900 (862)	2050 (930)
	Bucket Capacity - Standard	yd³ (m³)	.47 (.36)	.52 (.40)	.52 (.40)	.53 (.41)	.57 (.44)
Tui	rning Radius						
	Bucket Corner Radius		6-10 (2.09)	6-10 (2.09)	6-10 (2.09)	6-10 (2.09)	6-10 (2.09)
	Quickhitch Radius		3-7 (1.10)	3-7 (1.10)	3-9 (1.14)	3-9 (1.14)	3-9 (1.14)
	Rear Chassis Radius		5-5 (1.65)	5-5 (1.65)	5-5 (1.65)	5-5 (1.65)	5-5 (1.65)
Р	Ground Clearance	in (mm)	8.3 (210)	8.3 (210)	8.3 (210)	8.3 (210)	8.3 (210)
Lift	Lift Path		Radial	Radial	Vertical	Vertical	Vertical

MACHINE SPECIFICATIONS 225		260	280	300	330	
		JCB H (8)	JCB H	JCB	JCB JCB	
Lift Path	Radial Lift	Vertical Lift	Vertical Lift	Vertical Lift	Vertical Lift	
Operating Weight lbs (kgs)	8111 (3679)	8389 (3805)	8525 (3867)	8966 (4067)	9266 (4203)	
Engine Model	JCB DIESELMAX TC-55	JCB DIESELMAX TC-55	JCB DIESELMAX TC-55	JCB DIESELMAX TC-68	JCB DIESELMAX TC-68	
Gross Horsepower hp (kW)	74 (55)	74 (55)	74 (55)	92 (68.6)	92 (68.6)	
Gross Torque lb/ft (Nm)	241 (327)	241 (327)	241 (327)	301 (408)	301 (408)	
Visibility	270°	270°	270°	270°	270°	
LOADER SPECIFICATIONS	225	260	280	300	330	
Rated Operating Capacity lbs (kg)	2250 (1021)	2600 (1179)	2800 (1271)	3000(1360)	3295 (1495)	
Tipping Load lbs (kg)	4908 (2226)	5448 (2471)	5608 (2453)	6024 (2732)	6590 (2989)	
Loader Lift Force lbs (kg)	5884 (2669)	5809 (2634)	5809 (2634)	5809 (2634)	5809 (2634)	
Bucket Breakout Force lbs (kg)	5699 (2585)	7187 (3260)	7187 (3260)	7187 (3260)	7187 (3260)	
SPECIFICATIONS	225	260	280	300	330	
Auxiliary Hydraulic Flow - gpm (lpm)	23 (87)	23 (87)	23 (87)	23 (87)	23 (87)	
High Flow - gpm (lpm)	35.7 (135)	35.7 (135)	35.7 (135)	35.7 (135)	35.7 (135)	
Main Relief Pressure - psi (bar)	3335 (230)	3335 (230)	3335 (230)	3335 (230)	3335 (230)	
Single Speed - mph (kph)	6.8 (10.9)	6.8 (10.9)	6.8 (10.9)	6.8 (10.9)	7.3 (11.7)	
Two Speed - mph (kph)	6.8 (10.9) / 12.4 (20)	6.8 (10.9) / 12.4 (20)	6.8 (10.9) / 12.4 (20)	6.8 (10.9) / 12.4 (20)	7.3 (11.7) / 13.5 (21.7)	

* Illustration represents vertical lift machine.



STATIC DIMENSIONS – 225 / 260 / 280 / 300 / 330

330
-in (m)
7 (3.80)
0 (1.22)
29.1°
1 (2.11)
2 (2.49)
(3.05)
-6 (3.2)
5 (1.04)
11 (1.2)
I (0.90)
0
29°
1 5 1

	Machine Models		225	260	280	300	330
			ft-in (m)				
М	Dump Angle	degrees	42°	42°	42°	42°	42°
Ν	Bucket Width - Standard		6-0 (1.82)	6-0 (1.82)	6-0 (1.82)	6-0 (1.82)	6-6 (1.98)
0	Width Over Tyres - Standard		6-0 (1.82)	6-0 (1.82)	6-0 (1.82)	6-0 (1.82)	6-2 (1.87)
	Width Over Tyres - Optional		6-2 (1.87)	6-2 (1.87)	6-2 (1.87)	6-2 (1.87)	6-0 (1.82)
	Rated Operating Capacity 50%	lbs (kg)	2250 (1021)	2600 (1179)	2800 (1270)	3000 (1361)	3295 (1495)
	Bucket Capacity - Standard	yd³ (m³)	.62 (.47)	.62 (.47)	.62 (.47)	.67 (.51)	.67 (.51)
Tu	rning Radius						
	Bucket Corner Radius		7-3 (2.20)	7-3 (2.20)	7-3 (2.20)	7-3 (2.20)	7-3 (2.20)
	Quickhitch Radius		4-10.5 (1.48)	4-10.5 (1.48)	4-10.5 (1.48)	4-10.5 (1.48)	4-10.5 (1.48)
	Rear Chassis Radius		5-9.5 (1.76)	5-9.5 (1.76)	5-9.5 (1.76)	5-9.5 (1.76)	5-9.5 (1.76)
Р	Ground Clearance	in (mm)	9.4 (238)	9.4 (238)	9.4 (238)	9.4 (238)	9.8 (248)
Lif	: Path		Radial	Vertical	Vertical	Vertical	Vertical

LiveLink, knowledge is power

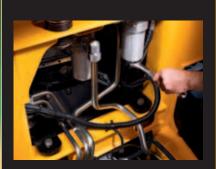
JCB LiveLink is an innovative software system that lets you monitor and manage your machines remotely – online, by email or by mobile phone.

LiveLink gives you access to a whole host of useful data, including machine alerts, fuel reports* and event history information.

All your machine information is handled at a secure data centre for your peace of mind.

Maintenance benefits

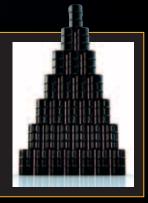
JCB LiveLink makes it easy to manage machine maintenance. Accurate hours monitoring and service alerts improve maintenance planning, and real-time location data helps you manage your fleet. You'll also have access to critical machine alerts and maintenance history records.



Productivity and cost benefits

For ultimate productivity and cost-saving, JCB LiveLink provides information like idle time monitoring* and machine fuel consumption* to help reduce your fuel usage. Machine location information can improve fleet efficiency and you may even enjoy reduced insurance costs courtesy of the added security that LiveLink brings.

* These features require an electronic engine.





Security benefits

Keep your machine operating safely with JCB Livelink. Real-time geofencing alerts tell you when machines move out of predetermined operating zones, and real-time curfew alerts inform you if machines are being used when they're not supposed to be. Real time location information helps you store your machines in the safest places.





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.



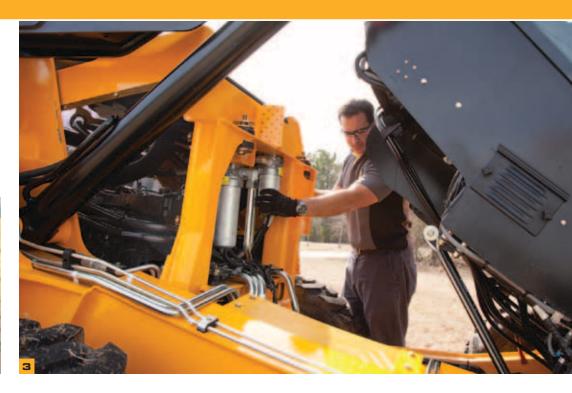
Our Technical Support Service provides instant access to factory expertise, day or night, while our Finance and Insurance teams are always on hand to provide

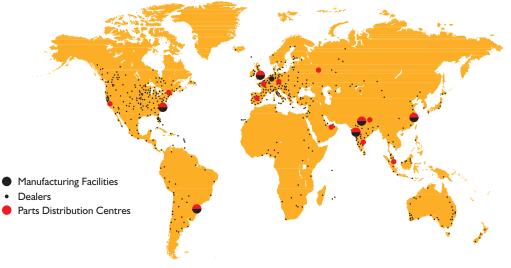
JCB Assetcare offers comprehensive extended warranties and service agreements, as well as service-only or repair and maintenance contracts. Irrespective of what you opt for, our Maintenance teams around the world charge competitive labour rates, and offer non-obligation quotations as well as fast, efficient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

fast, flexible, competitive quotes. (1)



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. (2)





Your nearest JCB dealer



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