



HYDRAULIC EXCAVATOR | JS290 LC/NLC

Net engine power: 161kW (216hp) Operating weight: 31,141kg/31,670kg



A COMFORTABLE FAVOURITE.

THE JS290'S CAB IS ONE OF JCB'S MOST STYLISH AND WELL DESIGNED OPERATOR ENVIRONMENTS. EXPECT MAXIMUM EASE OF USE AND COMFORT, FROM THE ERGONOMIC SEATING TO THE INTUITIVE CONTROL LAYOUT.

A productive environment.

1 To reduce operator fatigue, you get a comfortable, high-backed and very supportive suspension seat as standard on the JCB JS290; the seating position is fully adjustable. Behind the seat is a practical, net covered shelf large enough for a lunchbox.

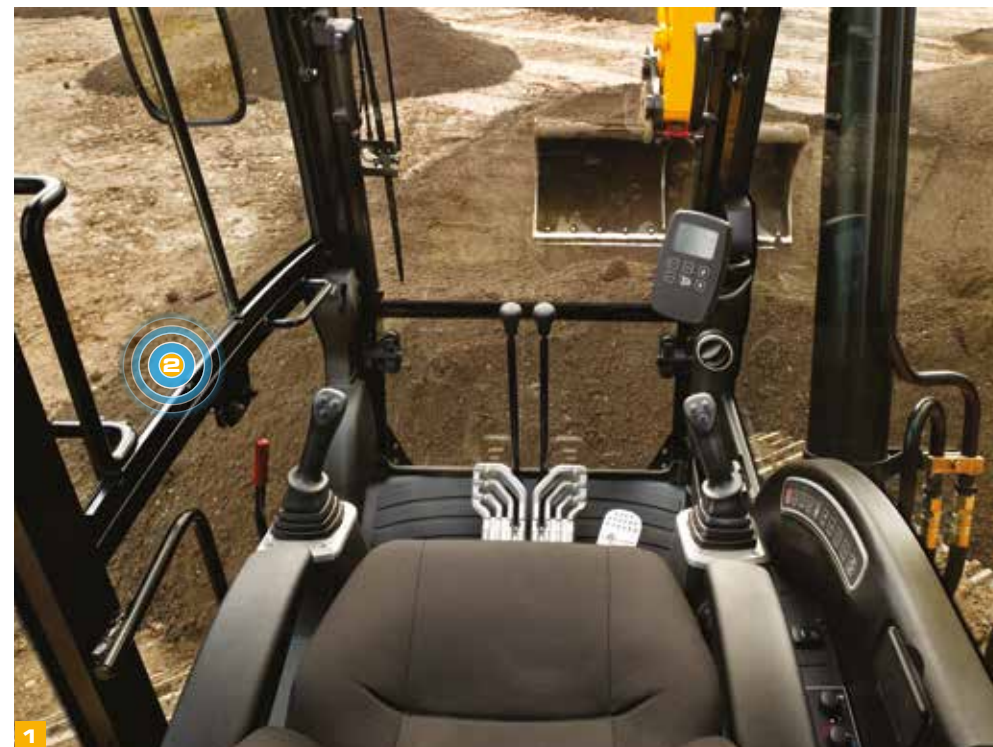
2 Accessing the cab is easy via a huge door. Inside, a completely flat floor makes cleaning very straightforward.

3 Excellent heating and ventilation ensure ideal working conditions, with variable blower speed, temperature and recirculation controls all intuitively laid out. Choose our climate control system and heated air suspension seat to keep operators as fresh as possible.

The low-emission AH-6HK1X Isuzu engine fitted to the JCB JS290 – produces low noise and vibration levels. They're lowered further by the fact that the whole cab is viscous mounted.



4 The ends of the main boom and dipper arm hydraulic rams are cushioned to prevent shock loadings, protecting your machine and making it more comfortable to operate. This cushion control system can be deactivated to speed up cycle times and boost productivity.



Visibly better.

5 The JCB JS290 has excellent front visibility with a 70/30 front screen split and a clear view of the front right track for easy, safe trench digging and manoeuvring.

A large laminated glass roof window gives the JS290 optimum visibility for working at height.

Comfortably in control.

6 Light, intuitive and smooth controls improve comfort and productivity.

Choose between short stroke or long stroke hand control levers for operator choice and comfort.

7 The JCB JS290 has proportional auxiliary control options for smooth, precise control.

8 For even greater speed and control, a JCB JS290 has a balanced slew and electronic/hydraulic controlled slew braking.



VISIBLY BETTER.

THE JS290 OFFERS SUPERB ALL-ROUND VISIBILITY GIVING GREATER CONTROL AND ACCURACY, WHATEVER THE APPLICATION.

1 Thanks to the large glass areas and carefully designed front, side and roof lights, operators of a JS290 enjoy excellent digging, loading and positioning visibility – even in close working conditions. There's great visibility overhead too, enhanced by our strategic positioning of the wiper motor in the left-hand side of the roof screen for clear views of the bucket.

2 The lower screen can be stored in the rear of the cab while the complete front is gas-strut assisted for fast and convenient use. A roller blind guards against glare through the front or top screens.

3 The upper screen is fitted with a parallelogram wash wiper to ensure maximum visibility from the largest possible area.

4 With no cab structures in the way, you get good visibility of both tracks; particularly to the edge of the front right track. To the rear, the new sleek low-level engine cover also affords excellent visibility.



THE STRONGEST CONTENDER.

EVERY ASPECT OF THE JCB JS290 IS BUILT TO LAST, OFFERING MAXIMUM PRODUCTIVITY OVER THOUSANDS OF OPERATIONAL HOURS. ALL COMPONENTS HAVE BEEN CAREFULLY DESIGNED AND MANUFACTURED TO RIGOROUS STANDARDS, ENSURING LONG LIFE, LOWER RUNNING COSTS AND A HIGH VALUE WHEN IT FINALLY COMES TO SELLING.

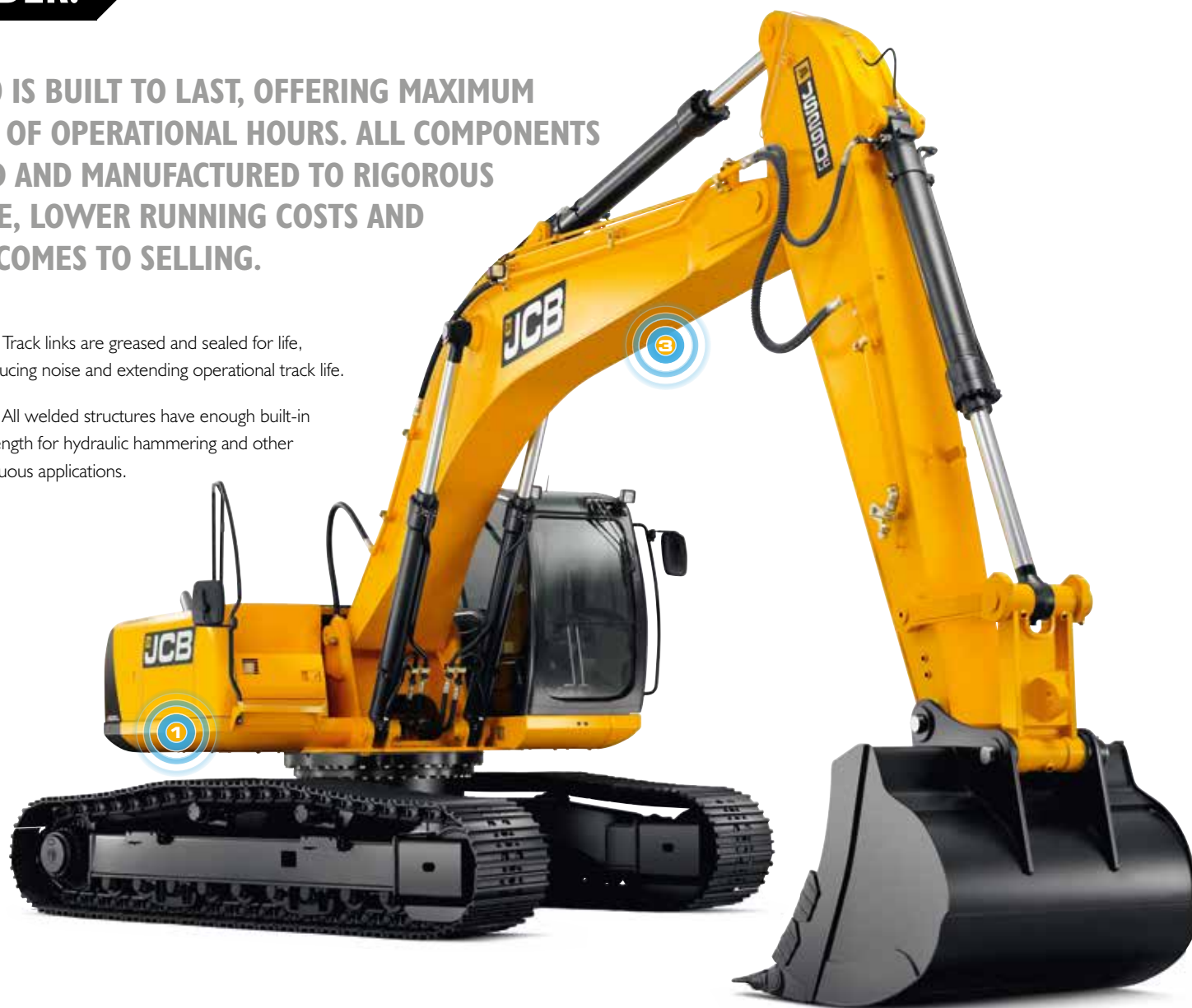
Tough by design.

The JS290 uses high quality, reliable hydraulic components. The new hydraulic tank glass fibre filter ensures long hydraulic fluid and component life.

1 Superior damage protection comes as standard. Curved side skirts and a big clearance over the tracks help to reduce potential damage to the superstructure, while various shields are deployed to protect the undercarriage from debris. JCB cushion control boom and dipper cushioning helps to reduce wear and tear on vital machine parts.

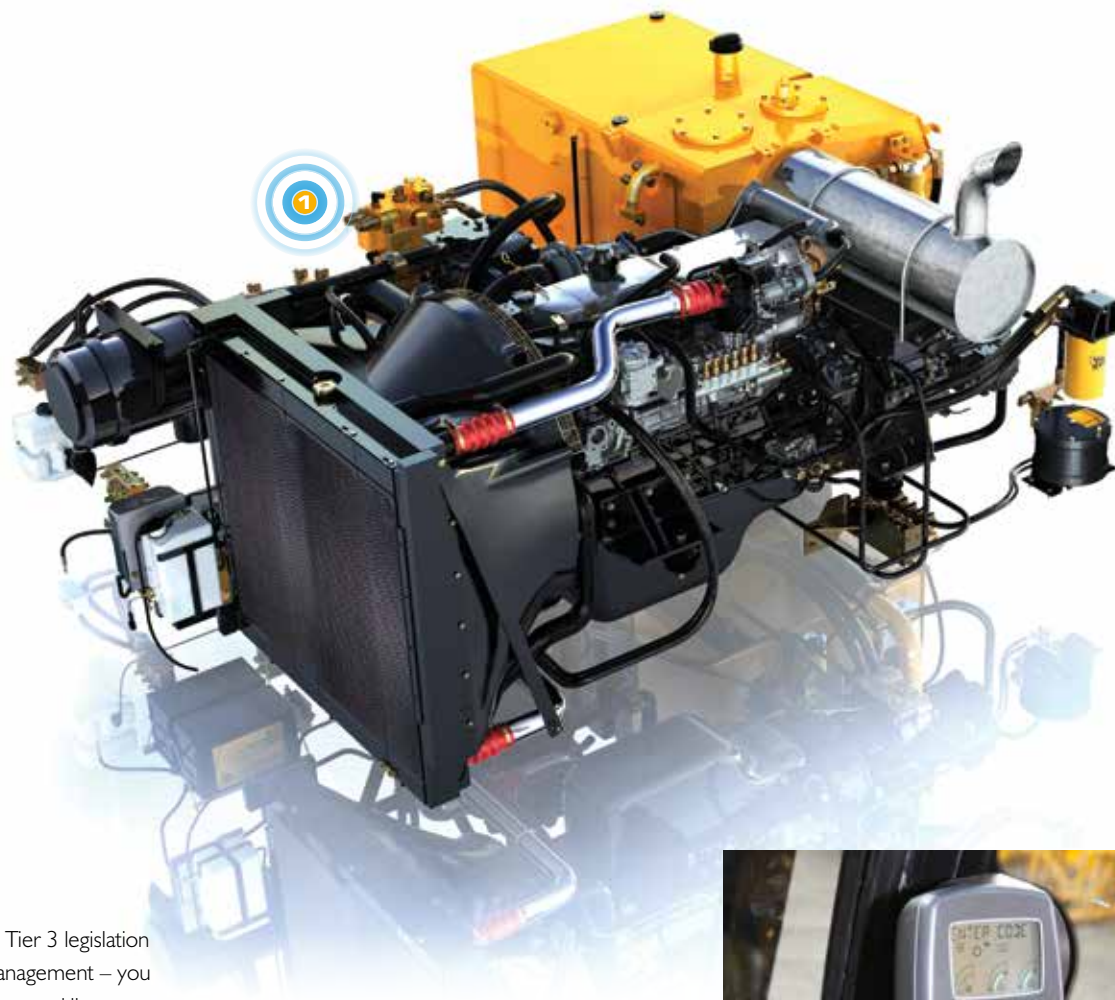
2 Track links are greased and sealed for life, reducing noise and extending operational track life.

3 All welded structures have enough built-in strength for hydraulic hammering and other arduous applications.



PERFORMANCE MEETS EFFICIENCY.

TO OFFER THE VERY HIGHEST LEVELS OF PRODUCTIVITY, EXCAVATORS NEED TO COMBINE POWER AND PERFORMANCE WITH EFFICIENCY. THE JCB JS290 ACHIEVES JUST SUCH A BALANCE, ALLYING PREMIUM ENGINE AND HYDRAULIC TECHNOLOGY TO COUNTLESS EFFICIENCY-BOOSTING FEATURES.



A productive powertrain.

The JCB JS290's 7.8-litre, 6-cylinder Isuzu AH-6HK1X turbo diesel engine provides high power and torque combined with low fuel consumption and noise levels. It achieves all of this while meeting the latest Tier 3 clean emissions legislation too.

1 Power is a generous 161kW (216hp) at 1800rpm courtesy of an isochronous electronic governor which reacts automatically to hydraulic system demand, maintaining the ideal engine output for any given operating condition.

Because our engine complies with Tier 3 legislation – and uses advanced electronic management – you can be sure of low fuel consumption per kilowatt hour. A regenerative hydraulic system and a selectable Economy mode can provide further fuel savings.

A pilot control standard-fit automatic warmup feature also maximises performance in cold conditions.

2 Inside the cab, all major functions are controlled by JCB's Advanced Management System (AMS). This on-board computer ensures maximum productivity at minimum operating cost by matching the engine and hydraulic system output precisely to operator demand.



Productive hydraulics.

To increase flow and pressure even more, variable flow load-sensing hydraulics offer flow on demand, adjustable power output and multifunction open centre command via servo-assisted controls. This creates maximum dipper force, drawbar pull and bucket dig force for greater performance.

Regenerative hydraulics recycle oil for even faster cycle times and reduced fuel consumption.

Structural strength.

3 The high-strength undercarriage of a JCB JS290 uses a fully-welded X frame construction for long-term durability even in the most demanding applications.

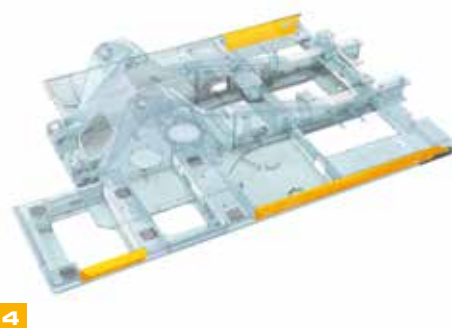
4 A closed box section revolving frame increases strength and reduces stress. It's also highly resistant to impact damage.

5 The high-strength rigid upper frame provides maximum durability and support.

6 Our stiff, durable door design gives great strength and rigidity.



3



4



5



6

THE BEST SERVICE.

FAST, EFFICIENT MAINTENANCE IS VITAL FOR ENSURING THAT YOUR EXCAVATOR REMAINS PRODUCTIVE FOR AS LONG AS POSSIBLE. AS SUCH, THE JCB JS290 HAS LONG SERVICE INTERVALS AND, WHEN MAINTENANCE DOES NEED TO BE CARRIED OUT, IT'S BOTH QUICK AND EASY TO PERFORM.

Reducing downtime.

Keeping your engine and hydraulics at their optimum operating temperatures helps to maintain performance and extend service life. For this reason, three banks of radiators flank the engine bay, cooling the engine itself, the intercooler and the hydraulic system. You can access each cooling pack easily through swing-open doors.

Service access on a JS290 is excellent. A hinged belly plate makes getting to the engine sump very simple and there's a quick-fit drain pipe for use on engine-oil and fuel-tank drain plugs. All the steps and top covers are fitted with non-slip, heavy-duty panels.

1 All servicing can be carried out from ground level to maximise machine uptime and safety in the field. A digital in-cab display monitors engine oil levels, and remote engine oil and fuel filters.

All components on the JS290's superstructure are easily accessible, so it's easier to maintain, in turn maximising productivity.

2 1000-hour greasing intervals on both the boom base and dipper pinshave have brought down service downtime and costs.



LIVELINK, WORK SMARTER.

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

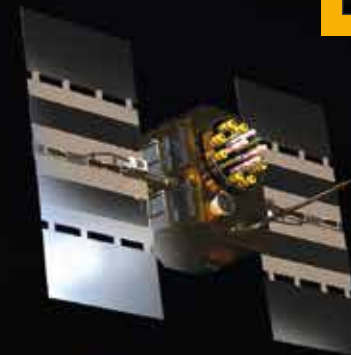
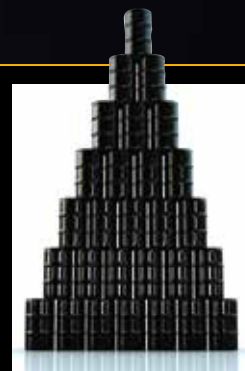
JCB LiveLink makes it easy to manage machine maintenance. Accurate hours monitoring and service alerts improve maintenance planning, and real-time location data helps you manage your fleet. You'll also have access to critical machine alerts and maintenance history records.



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.

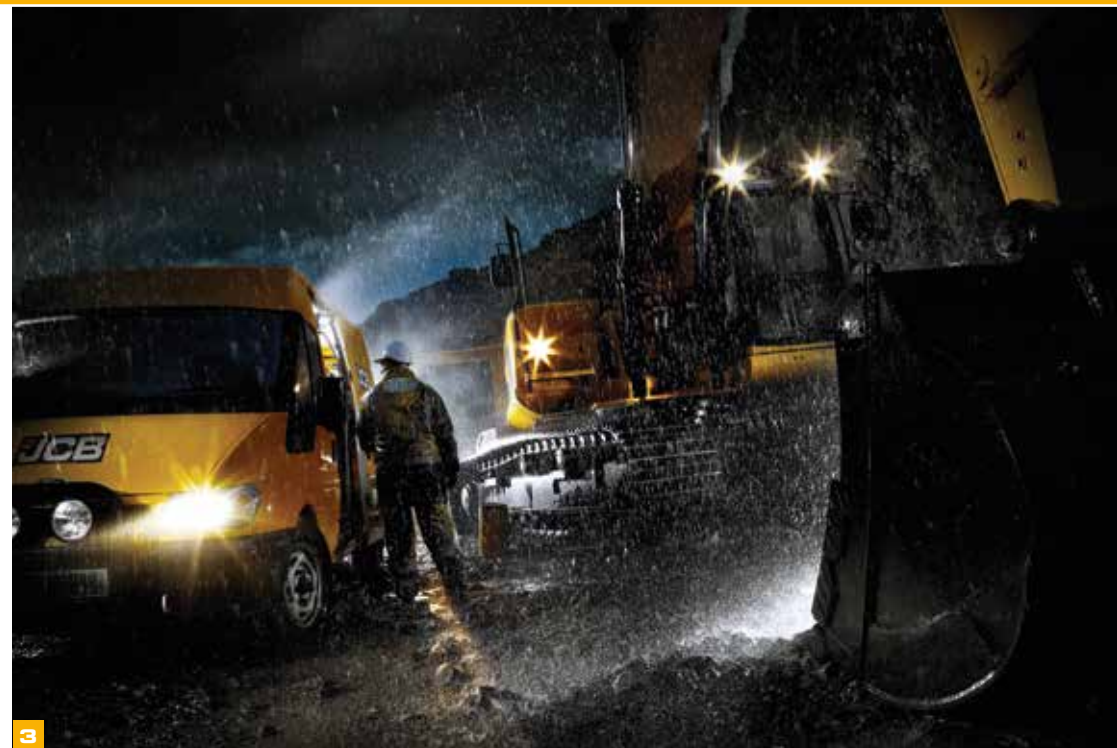


1 Our Technical Support Service provides instant access to factory expertise, day or night, while our Finance and Insurance teams are always on hand to provide fast, flexible, competitive quotes.

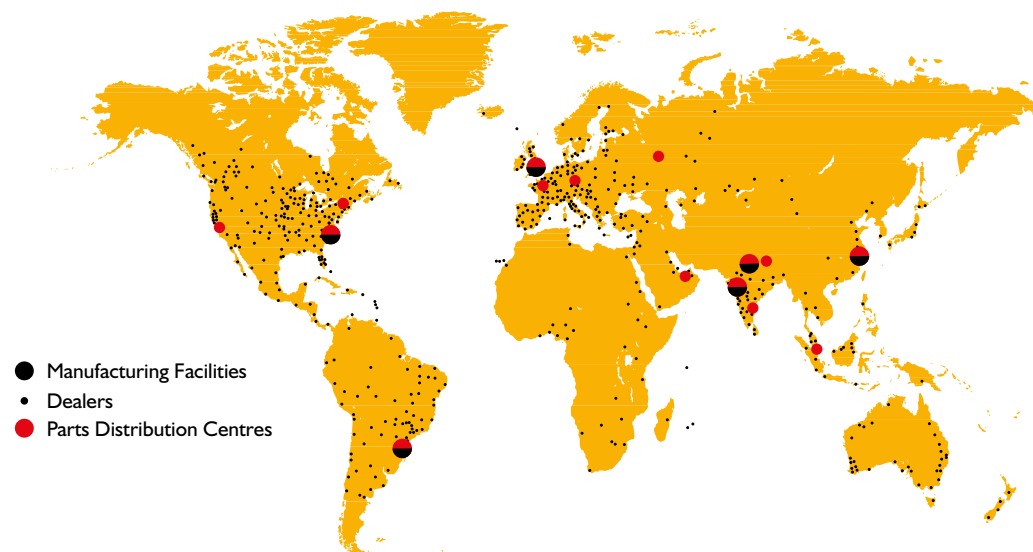
2 The global network of JCB Parts Centres is another model of efficiency; with 15 regional bases, we can deliver around 95% of all parts anywhere in the world within 24 hours. Our genuine JCB parts are designed to work in perfect harmony with your machine for optimum performance and productivity.



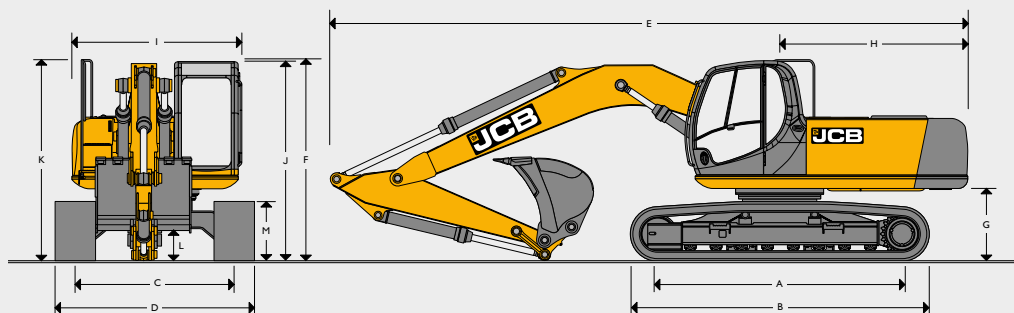
3 JCB Assetcare offers comprehensive extended warranties and service agreements, as well as service-only or repair and maintenance contracts. Irrespective of what you opt for, our maintenance teams around the world charge competitive labour rates, and offer non-obligation quotations as well as fast,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



Note: JCB LIVELINK and JCB ASSETCARE may not be available in your region, so please check with your local dealer.



STATIC DIMENSIONS



Dimensions in mm			NLC	LC
A	Track CTR		3990	3990
B	Undercarriage overall length		4860	4860
C	Track gauge		2390	2600
D	Width over tracks (600mm trackshoes)		2990	3200
D	Width over tracks (700mm trackshoes)		3090	3300
D	Width over tracks (800mm trackshoes)		3190	3400
D	Width over tracks (900mm trackshoes)		3290	3500
Dipper lengths		2.50m	3.10m	3.70m
E	Transport length with Monoboom	10529	10402	10412
F	Transport height with Monoboom	3447	3136	3251
G	Counterweight clearance			1242
H	Tailswing radius			3000
I	Width of superstructure - upper			2990
J	Height over cab			3236
K	Height over grab rail			3245
L	Ground clearance			593
M	Track height			1059

BUCKET AND ARM COMBINATION

Bucket width	mm	900	1000	1200	1350	1500	1600	1800
Bucket capacity	m ³	0.85	0.98	1.245	1.45	1.49	1.61	1.845
Bucket weight	kg	827	871	979	1046	1090	1133	1217
Dipper length								
2.50	m	□	□	□	□	□	●	●
3.10	m	□	□	□	●	●	■	-
3.70	m	□	□	●	■	■	-	-

□ = Suitable for general excavating (materials up to 2000kg/cu.m)

■ = Suitable for light excavating (materials up to 1600kg/cu.m.)

● = Suitable for grading & loading (materials up to 1200kg/cu.m)

* Bucket capacity recommendations with no quick hitch fitted

ENGINE

Model	Isuzu 6HK1X
Type	4-stroke, 6-cylinder in-line, Common-rail direct-injection, water-cooled, turbocharged, intercooled diesel with EGR
Nett power (ISO 14396 SAE J1995)	161kW (216hp)
Piston displacement	7.8 litres
Battery	2 x 12 volt heavy-duty
Alternator	24 volt 50 amp
Starter motor	24 volt – 5kW
Air filtration	Dry element type with secondary safety element and in-cab warning indicator

BUCKET AND ARM FORCE

Arm Length		2.50m	3.10m	3.70m
Bucket digging force	kN	233.2	233.2	233.2
Bucket digging force at power boost	kN	253.6	253.6	253.6
Arm crowd force	kN	159.3	128.7	111
Arm crowd force at power boost	kN	173.1	139.8	120.7

WEIGHTS AND GROUND BEARING PRESSURES

Figures include 6.2m³ Mono Boom, 3.1m³ arm, 1.245m³ (979kg bucket, for full fuel tank and operator)

		600mm shoes	700mm shoes	800mm shoes	900mm shoes
Arm Length					
Machine weight	kg	31454	31853	32443	32867
Ground bearing pressure	kg/cm ²	0.62	0.54	0.48	0.43

UNDERCARRIAGE

Type	Sealed and greased
Track shoe options	600mm, 700mm, 800mm, 900mm
Track shoe Tension	Combined spring and hydraulic
No. of track guides	2 per side
Rollers	
No. of track rollers	9 per side
No. of carrier rollers	2 per side
No. of track shoes	50 per side

TRACK DRIVE

Drive method	Fully hydrostatic three speed with auto shift between high and medium speed
Gradability	70% (35 deg) continuous
Travel speed	High – 5.3 kph
	Mid – 3.2 kph
	Low – 2.2 kph
Tractive effort	236 kN

SERVICE CAPACITIES

	Litres
Fuel tank	567
Radiator	30
Engine oil	38
Swing drive	16
Hydraulic tank	163
Final drive (each side)	3.5

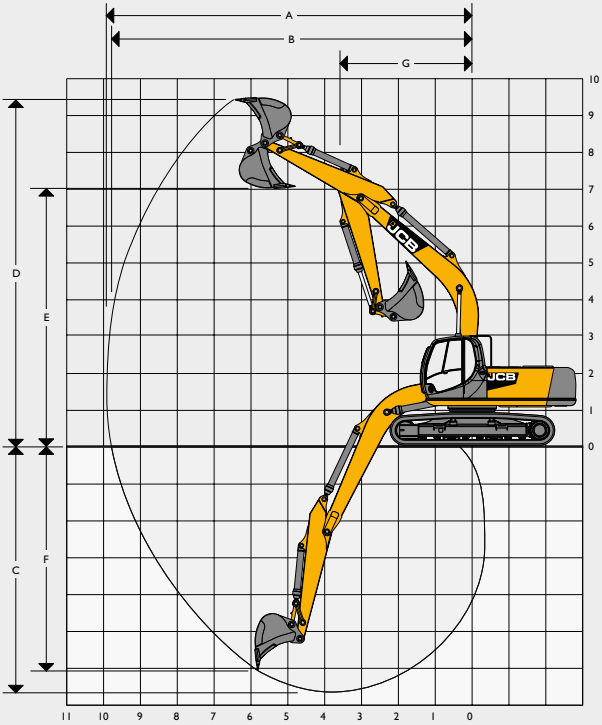
SWING SYSTEM

Swing motor	Axial piston
Swing brake	Hydraulic braking plus automatic spring applied disc type parking brake
Final drive	Planetary reduction
Swing speed	10rpm
Swing torque	89kN
Maximum pressure	290 bar
Swing lock	Switchable brake in cab

HYDRAULIC SYSTEM

Type	Negative control open-centre system
Main pump	2 variable displacement axial piston type
Maximum flow	2 x 250 l/min
Relief valve settings	
Boom/Arm/Bucket	373 bar
Travel circuit	343bar
Swing circuit	289 bar
Pilot circuit	40 bar
Filtration	
In tank	105 micron
Main return line	10 micron, fibreform element
Pilot line	30 micron, paper element
Hydraulic hammer return	10 micron, reinforced microform element

WORKING RANGE MONOBOOM























Boom length 6.20m					
Dipper length			2.5m	3.1m	3.7m
A	Maximum digging reach	m	10	10.6	11.3
B	Maximum digging reach (on ground)	m	9.8	10.4	11
C	Maximum digging depth	m	6.4	7	7.6
D	Maximum digging height	m	9.6	10	10.5
E	Maximum dumping height	m	7	7.4	7.9
F	Maximum vertical wall cut depth	m	3.7	4.6	4.9
G	Minimum swing radius	m	4.2	4.2	4.1
Bucket rotation		deg	185°	185°	185°

LIFT CAPACITIES – DIPPER LENGTH: 2.5M, MONOBOOM: 6.2M, TRACKPLATES: 600MM, NO BUCKET.**JS290 NLC**

Load Point Ht.	1m		2m		3m		4m		5m		6m		7m		8m		9m		Capacity at Max Reach		
																					
Load Point Ht.	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
8m											8040*	7900							8050*	7850	6019
7m											7800*	7800*							7940*	6200	6908
6m											8130*	7790	7910*	6030					7940*	5270	7556
5m							11520*	11520*	9790*	9790*	8810*	7560	8240*	5910	7470	4720			7430	4700	8024
4m									11330*	9570	9710*	7270	8760*	5750	7380	4650			6890	4330	8343
3m									12960*	9050	10690*	6970	8950	5560	7270	4540			6560	4100	8530
2m									14340*	8630	11100	6700	8760	5390	7150	4430			6410	3980	8595
1m									14570	8370	10870	6490	8600	5240	7050	4350			6410	3960	8539
0m									14410	8240	10720	6370	8490	5150	6990	4290			6560	4040	8361
-1m							17420*	11630	14370	8200	10660	6310	8440	5110	6980	4280			6910	4240	8052
-2m					15790*	15790*	18550*	11720	14420	8240	10680	6330	8460	5120					7540	4610	7595
-3m					21210*	20090	17300*	11890	14250*	8350	10770	6410							8650	5270	6962
-4m					18690*	18690*	15350*	12140	12670*	8550	10260*	6610							10010*	6480	6094
-5m							12130*	12130*											98990*	9310	4861

LIFT CAPACITIES – DIPPER LENGTH: 3.1M, MONOBOOM: 6.2M, TRACKPLATES: 600MM, NO BUCKET.**JS290 NLC**

Load Point Ht.	1m		2m		3m		4m		5m		6m		7m		8m		9m		Capacity at Max Reach		
																					
Load Point Ht.	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
7m													6970*	6190					5720*	5280	7629
6m											7250*	7250*	7110*	6120	6850*	4840			5590*	4590	8219
5m											7960*	7680	7520*	5980	7290*	4780			5570*	4150	8650
4m							12500*	12500*	10180*	9800	8890*	7380	8100*	5800	7420	4670			5630*	3850	8946
3m									11880*	9250	9940*	7060	8780*	5590	7280	4540	6020	3740	5780*	3660	9121
2m									13430*	8770	10950*	6750	8780	5400	7140	4420	5940	3670	5760	3560	9181
1m									14590*	8420	10900	6510	8590	5230	7020	4310	5870	3610	5750	3530	9129
0m							13270*	11500	14400	8210	10700	6340	8450	5100	6920	4220			5860	3590	8963
-1m					9620*	9620*	16570*	11460	14290	8110	10590	6240	8360	5020	6870	4170			6130	3740	8676
-2m			10570*	10570*	13860*	13860*	19200*	11510	14270	8100	10560	6210	8340	5000	6880	4180			6590	4010	8255
-3m			14760*	14760*	18810*	18810*	18240*	11630	14350	8170	10600	6250	8390	5050					7360	4480	7678
-4m			19690*	19690*	21010*	19960	16700*	11840	13630*	8310	10740	6370							8720	5280	6903
-5m					17720*	17720*	14260*	12170	11590*	8570									9440*	6870	5851

 Lift capacity front and rear.


Notes:

1. For lifting capacity including bucket, subtract total weight of bucket or bucket and quickhitch from above values.

2. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.





















3. Lift capacities assume that the machine is on firm, level ground.

4. Lift capacities may be limited by local regulations. Please refer to your dealer.

 Lift capacity full circle.










LIFT CAPACITIES – DIPPER LENGTH: 3.7M, MONOBOOM: 6.2M, TRACKPLATES: 600MM, NO BUCKET.

JS290 NLC

Load Point Ht.	1m		2m		3m		4m		5m		6m		7m		8m		9m		Capacity at Max Reach		
																					
Load Point Ht.	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
8m													5920*	5920*					3720*	3720*	7713
7m													6120*	6120*	5260*	4950			3530*	3530*	8420
6m													6350*	6230	6400*	4930			3440*	3440*	8956
5m											7080*	7080*	6810*	6080	6650*	4840	5180*	3910	3390*	3390	9353
4m									8990*	8990*	8040*	7520	7430*	5880	7040*	4720	6140	3850	3400*	3390	9627
3m							13610*	13440	10730*	9490	9140*	7180	8150*	5660	7320	4570	6050	3760	3460*	3230*	9789
2m							16390*	12480	12420*	8950	10240*	6840	8830	5430	7160	4430	5940	3670	3560*	3150	9845
1m							14140*	11840	13810*	8520	10960	6550	8610	5240	7010	4290	5850	3580	3730*	3130	9796
0m					6530*	6530*	13740*	11500	14440	8220	10710	6330	8430	5080	6890	4180	5780	3510	3960*	3170	9642
-1m			6100*	6100*	9030*	9030*	15450*	11350	14240	8060	10550	6190	8310	4970	6810	4110	5730	3470	4300*	3280	9376
-2m	7880*	7880*	8960*	8960*	11980*	11980*	18490*	11330	14160	7990	10470	6120	8250	4920	6770	4080			4760*	3480	8989
-3m	10500*	10500*	12030*	12030*	15520*	15520*	18890*	11400	14180	8010	10470	6120	8250	4920	6800	4100			5450*	3820	8464
-4m			15590*	15590*	20000*	19480	17730*	11560	14300	8110	10550	6190	8340	4990					6570*	4370	7771
-5m			20060*	20060*	20180*	19910	15860*	11820	12860*	8300	10500*	6360							8530*	5330	6858
-6m							12800*	12240	10160*	8640									8490*	7340	5614

LIFT CAPACITIES – DIPPER LENGTH: 2.5M, MONOBOOM: 6.2M, TRACKPLATES: 600MM, NO BUCKET.


JS290 LC

Load Point Ht.	1m		2m		3m		4m		5m		6m		7m		8m		9m		Capacity at Max Reach		
																					
Load Point Ht.	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
8m											8040*	7920							8050*	7880	6019
7m											7800*	7800*							7940*	6220	6908
6m											8130*	7820*	7910*	6060					7940*	5290	7556
5m							11520*	11520*	9790*	9790*	8810*	7590	8240*	5940	7500	4740			7460	4720	8024
4m									11130*	9600	9710*	7300	8760*	5770	7410	4670			6920	4350	8343
3m									12960*	9090	10690*	7000	8990	5580	7300	4560			6590	4120	8530
2m									14340*	8670	11150	6730	8790	5410	7180	4450			6440	4000	8595
1m									14630	8400	19920	6520	8640	5270	7080	4360			6440	3980	8539
0m									14480	8270	10770	6400	8530	5170	7020	4310			6590	4060	8361
-1m							17420*	11680	14430	8240	10710	6340	8480	5130	7010	4300			6950	4260	8052
-2m					15790*	15790*	18550*	11770	14480	8470	10720	6350	8500	5150					7580	4640	7595
-3m					21210*	20000*	17300*	11930	14250	8380	10820	6440							8690	5290	6962
-4m					18690*	18690*	15350*	12190	12670*	8590	10260*	6640							10010*	6510	6094
-5m							12130*	12130*											9890*	9350	4861



















 Lift capacity front and rear.

Notes:





















- For lifting capacity including bucket, subtract total weight of bucket or bucket and quickhitch from above values.
- Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
- Lift capacities assume that the machine is on firm, level ground.
- Lift capacities may be limited by local regulations. Please refer to your dealer.

 Lift capacity full circle.

LIFT CAPACITIES – DIPPER LENGTH: 3.1M, MONOBOOM: 6.2M, TRACKPLATES: 600MM, NO BUCKET.**JS290 LC**

Load Point Ht.	1m		2m		3m		4m		5m		6m		7m		8m		9m		Capacity at Max Reach		
																					
Load Point Ht.	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
8m													5920*	5920*					5990*	5990*	6838
7m													6970*	6210					5720*	5300	7629
6m											7250*	7250*	7110*	6140	6850*	4860			5590*	4610	8219
5m											7960*	7710	7520*	6000	7290*	4800			5570*	4160	8650
4m							12500*	12500*	10180*	9840	8890*	7410	8100*	5820	7450	4690			5630*	3870	8946
3m									11880*	9290	9940*	7090	8780*	5620	7310	4560	6050	3760	5780*	3680	9121
2m									13430*	8810	10950*	6780	8820	5420	7170	4440	5970	3690	5790	3570	9181
1m									14590*	8460	10950	6540	8630	5250	7050	4320	5900	3630	5780	3550	9129
0m							13270*	11550	14470	8250	10750	6360	88490	5120	6960	4240			5890	3610	8963
-1m					9620*	9620*	16570*	11510	14350	8150	10640	6270	8400	5050	6900	4190			6150	3760	8676
-2m			10570*	10570*	13860*	13860*	19200*	11560	14340	8140	10610	6240	8380	5030	6910	4200			6620	4030	8255
-3m			14760*	14760*	18810*	18810*	18240*	11680	14410	8200	10650	6280	8430	5070					7390	4500	7678
-4m			19690*	19690*	21010*	19860	16700*	11890	13630*	8350	10790	6400							8760	5350	6903
-5m			17720*	17720*	14260*	12220	11590*	8610											9440*	6900	5851

LIFT CAPACITIES – DIPPER LENGTH: 3.7M, MONOBOOM: 6.2M, TRACKPLATES: 600MM, NO BUCKET.**JS290 LC**

Load Point Ht.	1m		2m		3m		4m		5m		6m		7m		8m		9m		Capacity at Max Reach		
																					
Load Point Ht.	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
9m																			4040*	4040*	6781
8m													5920*	5920*					3720*	3720*	7713
7m													6120*	6120*	5260*	4970			3530*	3530*	8420
6m													6350*	6250	6400*	4950			3440*	3440*	8956
5m											7080*	7080*	6810*	6100	6650*	4860	5180*	3930	3390*	3390*	9353
4m									8990*	8990*	8040*	7550	7430*	5900	7040*	4740	6170	3860	3400*	3400	9627
3m							13610*	13490	10730*	9530	9140*	7210	8150*	5680	7350	4590	6070	3780	3460*	3250	9789
2m							16390*	12530	12420*	8980	10240*	6870	8870	5460	7190	4450	5970	3680	3560*	3160	9845
1m							14140*	11890	13810*	8550	11010	6580	8650	5260	7040	4310	5880	3600	3730*	3140	9796
0m					6530*	6530*	13740*	11550	14500	8260	10760	6360	8470	5100	6920	4200	5800	3530	3960*	3180	9642
-1m			6100*	6100*	9030*	9030*	15450*	11400	14300	8090	10600	6220	8350	4990	6840	4130	5760	3490	4300*	3300	9376
-2m	7880*	7880*	8960*	8960*	11980*	11980*	18490*	11380	14220	8030	10520	6150	8290	4940	6800	4100			4760*	3500	8989
-3m	10500*	10500*	12030*	12030*	15520*	15520*	18890*	11450	14240	8050	10510	6150	8290	4940	6830	4120			5450*	3840	8464
-4m			15590*	15590*	20000*	19560	17730*	11610	14300*	8140	10600	6220	8370	5010					6570*	4390	7771
-5m			20060*	20060*	20180*	19990	15860*	11887	12860*	8330	10500*	6390							8530*	5350	6858
-6m							12800*	12290	10160*	8670									8490*	7370	5614

 Lift capacity front and rear.

Notes:

1. For lifting capacity including bucket, subtract total weight of bucket or bucket and quickhitch from above values.

2. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.

3. Lift capacities assume that the machine is on firm, level ground.

4. Lift capacities may be limited by local regulations. Please refer to your dealer.



Lift capacity full circle.



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