

**131X**  
SERIES



# INTRODUCING THE NEXT IN THE **X** SERIES

Our vision from the start was to design and engineer our most advanced tracked excavator range ever.

The new JCB 13 tonne machine sits perfectly alongside its highly acclaimed 20 tonne big brother.

Our engineering teams have once again obsessed over every minute detail of this new world-class excavator and used the same quality materials and proven components.

The result is another machine in the **X SERIES** to be taken seriously. Another machine to be trusted.

A handwritten signature in white ink, reading "Anthony Bamford".

**LORD BAMFORD**, CHAIRMAN, JCB





# **EXTREME STRENGTH**

It's taken 4 years of hydraulic, electronic and electrical development and thousands of hours of extreme endurance testing, to build you a machine that doesn't just look extremely strong, it is extremely strong.







## EXTREME STRENGTH

### Tested to extremes.

**1** Whole machine shaker rig used to replicate 15,000 hours of tracking and vibration.

Our latest dig end which has been proven by machines across the globe.

Exhaustive testing on purpose built electronics and electric rigs to prove connections, layout and software.

**2** 30,000 window and door operation tests completed to prove components quality.

**3** Hot and cold climate testing (55°C to -30°C) performed in controlled conditions and locations around the world.

### Exceptional build quality

**4** Proven undercarriage with fully-welded X frame construction for long-term durability with components supplied by industry-leading suppliers.

**5** Rigid upper frame, flat revolver side skirts and double skinned doors with new plated hinges provide greater strength.

Extremely robust fold back mechanism for cab mirror.

Finite Element Analysis ensures longer life for key components.





### ECOMAX RELIABILITY

Our engine technology is tried and proven; we've built 500,000 DIESELMAX units since 2004. To ensure similar longevity, the EcoMAX engines have been tested to 110,000 hours in 70 different machines across the toughest applications and environments.

EXTREME STRENGTH



X  
SERIES

# EXCEPTIONAL COMFORT

We've used ergonomic design, automotive quality materials and engineering excellence to deliver exceptional comfort. And with ride comfort and the quietest cab in its class, there's enough to make even the most demanding operator extremely happy.









A yellow JCB 131X LC excavator is shown at a construction site. The excavator's arm is raised, and it is positioned on a concrete foundation. In the background, there are residential houses and a blue sky with clouds. The excavator has "JCB" and "131X LC" written on its side. Two circular callouts are present: one on the excavator's arm pointing to the "LOW NOISE" text box, and another on the cab pointing to the "CUSTOMER LED ERGONOMICS" text box.

**EXCEPTIONAL COMFORT**

### **LOW NOISE**

Improved cab isolation using latest double cushion viscous mounts reduces vibration and noise into the cab. This helps deliver the lowest in-cab noise of 67 dB(A).

### **CUSTOMER LED ERGONOMICS**

Control layout reviewed and assessed by operators globally, with their feedback directly contributing to the final design.



## Best operator environment.

**1** Spacious JCB CommandPlus cab with high quality injection moulded interior. Industry-leading Grammer seat with wide, adjustable arm rests that reclines 145°.

New track pedal design with T-bars as standard with non-slip coating and optimised ergonomics.

**2** Joystick and switch controls are mounted to pods which are suspended from the seat and move with the operator for optimum control and less fatigue.

**3** Powerful new HVAC, with 11 targeted vents for optimum performance in hot and cold environments. Cool/heat box as standard.

**4** Industry standard isolator lever operation prevents accidental activation when exiting the cab.

**5** Spacious luggage tray behind operators seat with 3 independent 12V power supplies. Another handy storage space can be found at the back of the cab in the roof liner, including a hanger for the operator's helmet.

**6** Bluetooth radio is fully integrated into the control screen.



1



2



3



4



5



6

# EXCELLENT CONTROL

4 years of hydraulic development combined with proven Japanese components  
have delivered the very best balance of controllability and efficiency.









## EXCELLENT CONTROL



### Effortless working.

**1** Proven Japanese hydraulics deliver precise and efficient control.

**2** Operator can select Auto-Stop and Auto-Idle depending on preference.

**3** Customisable proportional controls allow the operator to set their preference of speed and control of attachments.

Dozer option adds extra versatility.

Power boost button increases pressure by 9% for up to 9 seconds to provide extra tearout in tough conditions.

**4** Tracking speed can be found on the joystick for on the move tracking change, whilst a convenience button lets you configure a range of functions such as radio mute, camera cycle, or front screen wash.

**5** Slew drive provides high torque on acceleration and braking for greater controllability and refinement.





A yellow JCB 131X LC excavator is shown on a construction site, positioned next to a red flatbed trailer. The excavator's arm is raised, and it is equipped with a tiltrotator attachment. The background features a blue sky with clouds and some trees. A large yellow diagonal graphic is on the left side of the image.

EXCELLENT CONTROL

### FACTORY SOLUTIONS

Factory ready solutions for tiltrotators and GPS provides greater operator control.

X  
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# EXTREMELY EASY

Using latest ergonomic design and with the help of customer and operator feedback, the new I31X has been designed to have best-in-class ease of use when working in any application.









A yellow JCB excavator is shown in a construction site, lifting a large concrete pipe into a deep trench. The excavator's arm is extended, and the pipe is suspended by a chain. The background shows a residential area with houses and another excavator. The sky is blue with some clouds.

**EXTREMELY EASY**

**HOSE BURST CHECK VALVE**

Factory fitted HBCVs means the machine is ready for lifting operations. Optional bucket HBCVs are available for fork use.



## Best-in-class ease of use.

**1** Start-stop button for ease of start-up means the operator doesn't have to turn the key to start it back up again. The start sequence also allows you to start digging within 2 seconds.

An intuitive menu navigation can be configured into multiple languages to suit most operators.

**2** Pipework shut-off taps now added as standard with SAE fittings, to enable quick connection of attachments when taking a hydraulic option.

**3** Advanced tool select system improves attachment handling by monitoring pressure and flow. There is tool storage as standard for up to 10 tools.

**4** Easy quickhitch provides simplified operation with an override for removing large breakers or fork attachments.

**5** Factory ready option to facilitate easy fitment of 2D and 3D Topcon, Trimble, Leica GPS systems.

**6** The cab includes mounts as standard to allow guards to be fitted in the field and also includes flat front glass for easy replacement.



# **EXPERIENCE GREATER PERFORMANCE**

We've invested years of research and development and listened to thousands of customers like you to build a machine that's ready to perform in the most extreme conditions, on any job site.







**X**  
SERIES



## EXPERIENCE GREATER PERFORMANCE

### Best-in-class productivity.

- 1** Hydraulic pipes and hoses have a large diameter for increased productivity and efficiency. An innovative hydraulic regeneration system means oil is recycled across the cylinders for faster cycle times and reduced fuel consumption.
- 2** Auto-stop and Auto-idle on the JCB's EcoMAX Tier 4 Final / STAGE IIIB engine provides fuel saving of up to 5%.
- 3** For extra versatility, JCB offers a full list of auxiliary pipework options including hammer, merged pump flow, auxiliary, and low flow.
- 4** Machine cooling in 55°C heat with air conditioning running has been achieved with a 15% larger hydraulic cooler for optimum airflow.
- 5** Unlike most T4F engines, the 55 kW JCB EcoMAX doesn't require DEF resulting in lower running costs.





EXPERIENCE GREATER PERFORMANCE



**NO DEF**

With no requirement for DEF the JCB EcoMAX engine saves on running costs.

**X**  
SERIES

# EXTRAORDINARY ATTENTION TO DETAIL

Building the new I31X involved a huge investment in state-of-the-art automotive style production facilities.

We introduced new tooling, EPD coating, robot welding and established new relationships with many industry-leading suppliers to bring you not just great excavators but exceptional ones.





## EXTRAORDINARY ATTENTION TO DETAIL

### EPD COATING

EPD coating improves corrosion resistance and ensures 100% coverage of metal components including hard to cover areas like edges and cavities, while powder coat paint guarantees a constant quality finish.

### THOUGHTFUL DESIGN

The whole design is optimised to protect the machine; side bay doors sit back from the edge for protection and the right hand platform corner and handrail sit within the slew radius to prevent damage and scratching.



## World-class finish.

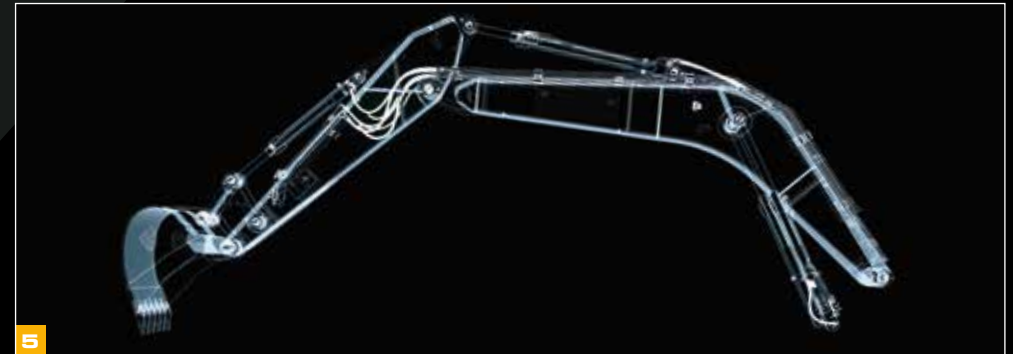
**1** All components are painted in house using a state-of-the-art paint facility to deliver a high quality finish that's checked for paint adhesion and coverage.

All machines undergo 1,232 validation checks including an intense hot test focusing on vibration, pressure and heat to replicate real-life applications.

**2** Significantly reduced vented and open areas means inherently stronger bodywork and reduced painted edges.

**3** Doors are bolted directly to the house frame and remain rust-free due to a zinc coating on all wear faces. All fasteners have a zinc finish (Geomet) for improved corrosion resistance, a new bolt and washer design protects paint from damage.

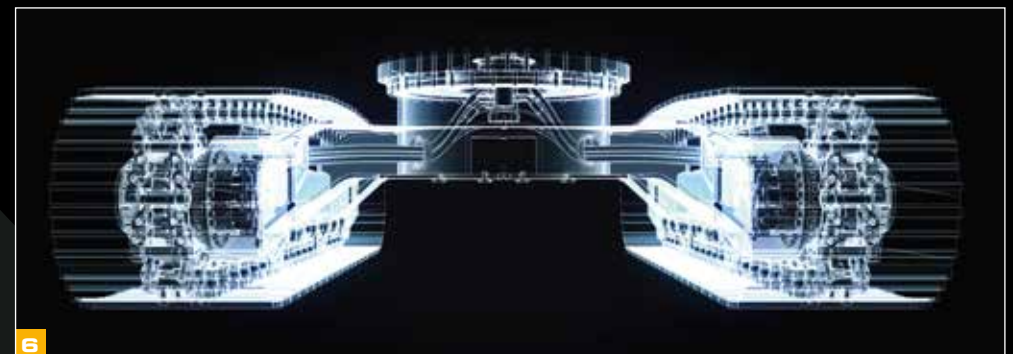
**4** New recessed counterweight design protects the rear end and machine branding from impact damage.



## World-class assembly.

**5** Robot welding of the dig end and undercarriage ensures consistent quality and accuracy.

**6** The slew ring mounting face is machined after manufacturing and welding to ensure a flat surface that reduces slewing noise.



# **EXTENDED SERVICE INTERVALS**

The new I31X has been designed with greater productivity in mind and that means spending more time working and less time being serviced. Longer service intervals, quality parts and easy access to maintenance points all help to save you time and money.









## EXTENDED SERVICE INTERVALS

### Simple servicing.

- 1** Grouped greasing points make regular maintenance easier and quicker.
- 2** Optional refuelling pump with and without in-line fuel filter to protect the pump and engine.
- 3** Ground level access to hour meter, HVAC filter, cab air filter and single fuse box. Optional LED convenience lighting for the service bay and upper structure.
- 4** Bolt-on handrails and mirrors for easy replacement if damaged.
- 5** 1,000 hour engine air filter life achieved using a standard fit system with Powercore Nanofilter technology.
- 6** Large single face cooling pack means more efficient cooling and easy access for cleaning.





## EXTENDED SERVICE INTERVALS

### BRONZE BUSHES

Graphite impregnated bronze bushes on the boom and dipper pivots for 250 hour greasing intervals.

### REDUCED SERVICING

Only 10 checks required for a 500 hour service. Main hydraulic filter service interval extended to 2000 hours from 1000 hours and new fuel filter service intervals are now 1000 hours. High grade engine oil only needs to be changed after 500 hours.



# EXCEEDINGLY SAFE

At JCB we take safety very seriously and we make sure this forms an important part of the design process. So whether you're an operator, service engineer or site worker, we make working safer.

## Safer working.

- 1** The I31X boasts anti-slip surfaces and comfortable, well positioned grab handles and an area free of tread plate dimples to allow for kneeling during servicing.
- 2** Flattest, safest operator access to the top of the machine with built in kick strips around the edges.
- 3** Optional twin or 360° cameras helps operators operate safely.
- 4** Operator safety is paramount to JCB and the optional dipper limiter can be configured through the display to avoid a cab strike.





**EXCEEDINGLY SAFE**

### **OPERATOR PROTECTION**

Side guard rails on upper structure as standard. Optional full upper guard rails are available.

### **AUTHORISED USE**

Immobiliser pin code management allows you to remotely authorise usage of the machine – perfect for rental companies.

**X**  
SERIES



# EXTRA SUPPORT

In a world of tough business decisions where the customer rightfully expects the very best in machine back up and a complete package of value added solutions, JCB delivers. Whatever you need and wherever you are, JCB's worldwide customer support is truly first-class.

## Machine efficiency.

By providing information like idle time monitoring and fuel consumption, JCB LiveLink saves you money and improves productivity.

## Machine reliability.

Accurate hours monitoring and service alerts improve maintenance planning and help rental companies with accurate charging. Technical alerts and maintenance history records help you manage your machines.

## Machine monitoring.

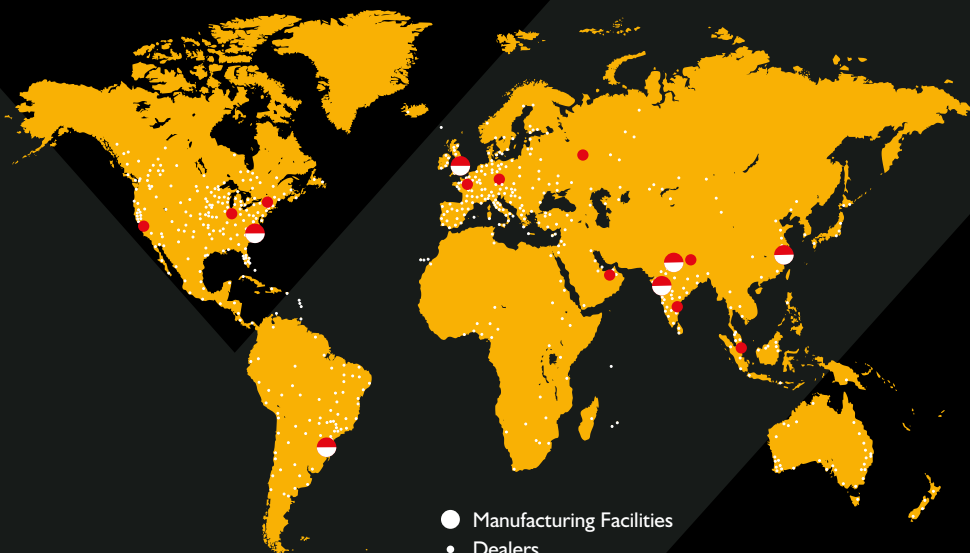
Keep track of what your machine's been doing throughout the day with regular performance reports accessed via the LiveLink website.

## Machine security.

LiveLink's real time geo-fencing alerts tell you when machines move out of predetermined zones. Curfew alerts inform you of unauthorised usage. JCB have a history of working with the police to recover stolen machines and tackle fuel theft.







- Manufacturing Facilities
- Dealers
- Parts Distribution Centres

**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 18 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 offers comprehensive extended warranties 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 extended warranty packages may not be available in your region, so please check with your local dealer.*



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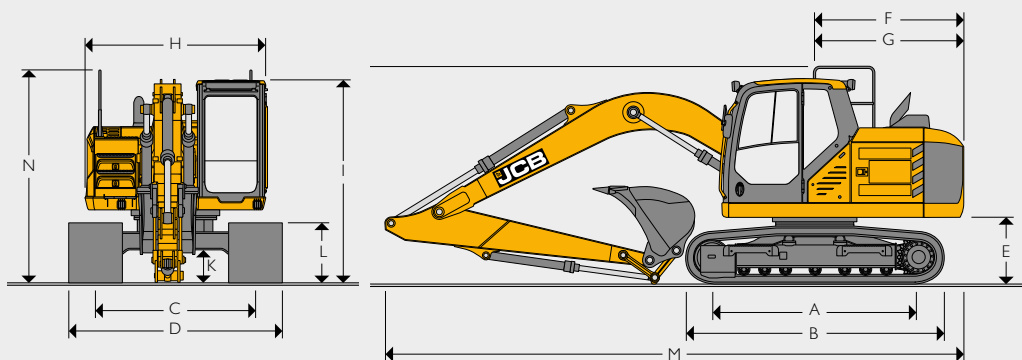


2



3

## STATIC DIMENSIONS



## STATIC DIMENSIONS

Model			I31X LC		
A	Track length on ground	mm	2865		
B	Undercarriage overall length	mm	3590		
C	Track gauge	mm	1990		
D	Width over tracks (500 mm trackshoes)	mm	2490		
D	Width over tracks (600 mm trackshoes)	mm	2590		
D	Width over tracks (700 mm trackshoes)	mm	2690		
D	Width over tracks (850 mm trackshoes)	mm	2840		
E	Counterweight clearance	mm	905		
F	Tail length	mm	2103		
G	Tail swing radius	mm	2150		
H	Width of upper superstructure	mm	2490		
I	Height over cab	mm	2866		
I	Height over cab (vandal guard – optional)	mm	3172		
I	Height over cab (FOPS guard)	mm	2965		
J	Height over grab rail	mm	3002		
K	Ground clearance	mm	425		
L	Track height	mm	811		
			Mono		
Dipper lengths			2.5m	2.7m	3.0m
M	Transport length	mm	7659	7654	7604
N	Transport height	mm	3002	3209	3289

## ENGINE

Model	JCB EcoMAX 444 TCA EU Stage IIIB EPA Tier 4 Final Compliant
Type	4-stroke, 4-cylinder in-line, common rail, direct injection, turbocharged and intercooled diesel
Rated power	55kW (74 hp) at 2200rpm (ISO 14396)
Piston displacement	4.399 Litres
Air filtration	Dry element with secondary safety element and in cab warning indicator
Starting system	24 volt
Batteries	2 x 12 volt
Alternator	28 volt – 100 ampere
Maximum torque	400Nm
Bore and stroke	103mm & 132mm

## SWING SYSTEM

Swing motor	Axial piston
Swing brake	Hydraulic braking plus automatic spring applied disc type parking brake
Swing torque	36.0 kNm
Swing speed	13.1 rpm
Swing gear	Large diameter, internally toothed fully sealed grease bath lubricated
Dipstick	Remote

## TRACK DRIVE

Type	Fully hydrostatic, two speed with autoshift
Travel motors	Variable swash axial piston type, fully guarded within undercarriage frame
Final drive	Planetary reduction, bolt-on sprockets
Service brake	Hydraulic counter balance valve
Park brake	Disc type, spring applied, automatic hydraulic release
Gradeability	70% (35 deg) continuous
Travel speed	LC
	High – 6.6 km/h
	Low – 3.8 km/h
Tractive effort	116 kNm



HYDRAULIC SYSTEM

<b>Pumps</b>	
Main pumps	2 variable displacement axial piston type
Maximum flow	2 X 130 l/min
Servo pump	Gear type
Servo pump maximum flow	30 l/min

<b>Control valve</b>	
A combined four and five spool control valve with auxiliary service spool as standard	

<b>Relief valve settings</b>	
Boom/Arm/Bucket	314 bar
With power boost	343 bar
Swing circuit	279 bar
Travel circuit	343 bar
Pilot control	40 bar

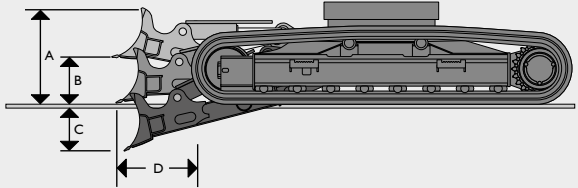
<b>Filtration</b>	
In tank	105 micron, suction strainer
Main return line	10 micron, glass fibre element
Pilot drain line	10 micron, glass fibre element
Pilot line	10 micron, glass fibre element
Hydraulic hammer return	10 micron, reinforced microform element

<b>Hydraulic cylinders</b>			
	Quantity	Bore mm	Rod diameter mm
Boom	2	100	75
Arm	1	115	80
Bucket	1	95	70
TAB	1	140	75

SERVICE CAPACITIES

Fuel tank	Litres	260
Engine coolant	Litres	19.7
Engine oil	Litres	14
Swing reduction gear	Litres	2.2
Track reduction gear (each side)	Litres	3.5
Hydraulic system	Litres	126
Hydraulic tank	Litres	133
DEF fluid	Litres	47.7

OPTIONAL BLADE



A	Blade height	mm	901
B	Blade lift above ground	mm	448
C	Blade cut below ground	mm	508
D	Blade forward of track	mm	412
	Dozer width – 500mm tracks	mm	2490
	Dozer width – 600mm tracks	mm	2610
	Dozer width – 700mm tracks	mm	2710

<b>Additional machine weight with blade</b>			
	500mm tracks	kg	806
	600mm tracks	kg	814
	700mm tracks	kg	821

SOUND LEVEL

Sound level in cab according to ISO 6396	67 dB LpA
External sound level according to ISO 6395 and EU Directive 2000/14/EC	102 dB LwA

## SPECIFICATION I31X

### UNDERCARRIAGE

Carriage options	LC – Long Carriage.			
Construction	Fully welded 'X' frame type with central bellyguarding and sloping sidemembers with dirt relief holes under top rollers.			
Recovery point	Front and rear.			
Track type	Sealed and lubricated.			
Upper and lower rollers	Heat treated, sealed and lubricated.			
Track adjustment	Grease cylinder type.			
Track idler	Sealed and lubricated, with spring cushioned recoil.			
Track shoe options	500mm	600mm	700mm	850mm
	•▲■	•■	•	•
No. of upper rollers (per side)	2			
No. of lower rollers (per side)	7			
No. of track guides (per side)	2 optional			
No. of track shoes (per side)	44			























**TRIPLE GROUSER** ●  
**GEOGRIP** ▲  
**RUBBER SHOES** ■

### WEIGHTS AND GROUND BEARING PRESSURES

Figures include standard 438kg bucket, operator, full fuel tank and 2.5m dipper.

		500mm shoes	600mm shoes	700mm shoes	850mm shoes
<b>I31 LC Monoboom</b>					
Machine weight	kg	14816	15031	15247	16170
Ground bearing pressure	kg/cm <sup>2</sup>	0.48	0.40	0.35	0.31

### BUCKET AND ARM COMBINATION

Bucket options		GP Bucket								HD Bucket						Ditch Maintenance		HD Bucket					
Bucket width	mm	450	600	700	800	900	1000	1250	1350	458	610	762	915	991	1219	1524	1836	600	700	800	1000	1200	1300
Bucket capacity	m³	0.21	0.35	0.42	0.50	0.54	0.66	0.81	0.89	0.20	0.26	0.34	0.43	0.50	0.61	0.65	0.79	0.35	0.42	0.50	0.66	0.81	0.89
Bucket weight	kg	307	342	366	401	425	460	506	542	275	310	357	402	424	493	475	535	336	364	402	455	520	547
I31X LC																							
2.1 m Quickhitch (No Quickhitch)																							
2.5 m Quickhitch (No Quickhitch)																							
2.7 m Quickhitch (No Quickhitch)																							
3.0 m Quickhitch (No Quickhitch)																							
I31X LCD																							
2.1 m Quickhitch (No Quickhitch)																							
2.5 m Quickhitch (No Quickhitch)																							
2.7 m Quickhitch (No Quickhitch)																							
3.0 m Quickhitch (No Quickhitch)																							

□ = Suitable for general excavating materials up to 1800kg/m<sup>3</sup>.

■ = Suitable for light excavating materials up to 1500kg/m<sup>3</sup>.

● = Suitable for grading and loading materials up to 1200kg/m<sup>3</sup>.

X = Not recommended.

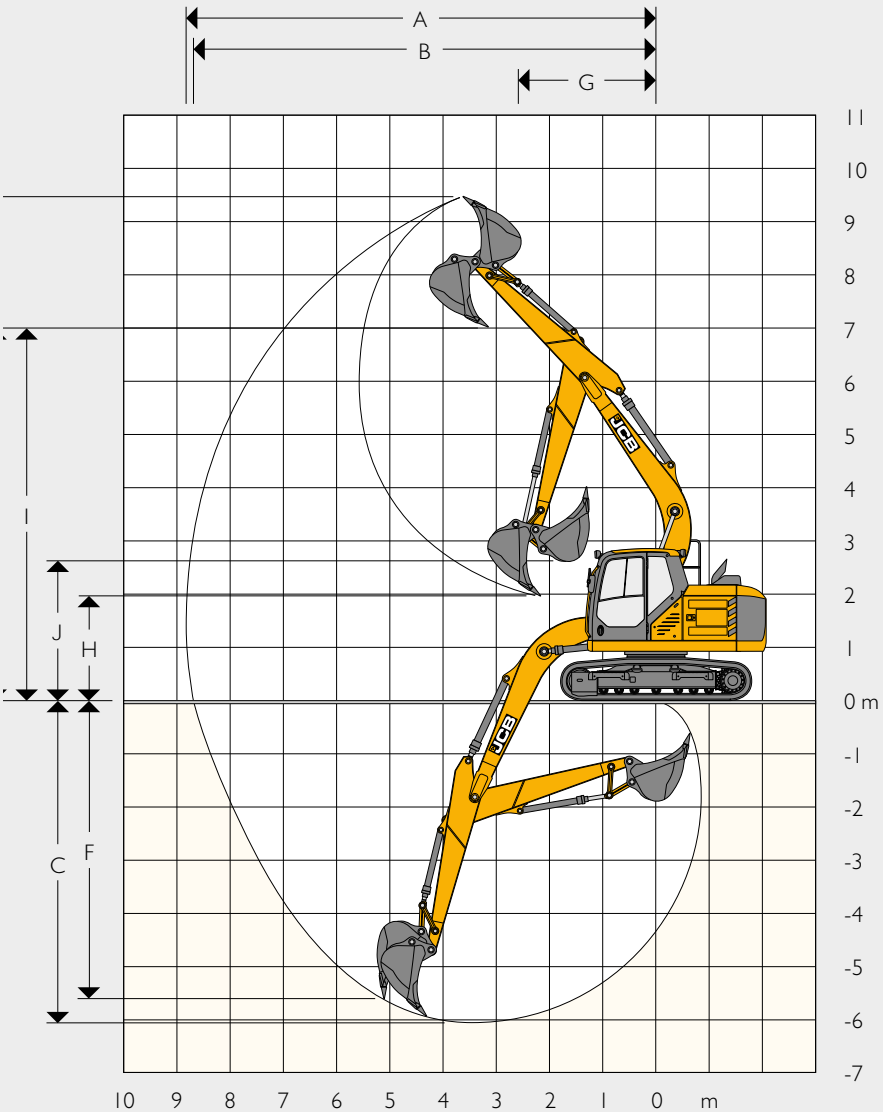
These recommendations are given as a guide based on typical operating conditions.

Please contact your distributor for the correct selection of buckets and attachments to suit the application.



WORKING RANGE – MONOBOOM 4.7M

Dipper length:			2.1m	2.5m	2.7m	3.0m
A	Maximum digging reach	mm	8015	8385	8564	8841
B	Maximum digging reach (on ground)	mm	7863	8240	8422	8704
C	Maximum digging depth	mm	5161	5564	5764	6063
D	Maximum digging height	mm	8907	9164	9288	9503
E	Maximum dumping height	mm	6411	6684	6806	7007
F	Maximum vertical wall cut depth	mm	4698	5098	5295	5592
G	Minimum swing radius	mm	2156	2212	2506	2575
H	Minimum dumping height	mm	2795	2393	2267	1975
I	Maximum swing height	mm	6436	6707	6833	7034
J	Minimum swing height	mm	3525	3108	2922	2630
K	Bucket struck radius	mm	1248	1248	1248	1248
L	Bucket rotation	degrees	182	182	182	182
	Maximum dipper tearout	Kgf	7393	6587	6445	5986
	Maximum bucket tearout	Kgf	9432	9432	9432	9432













## STANDARD/OPTIONAL EQUIPMENT

ENGINE		CAB & INTERIOR		HYDRAULIC SYSTEM	
JCB, Stage IIIB compliant, water cooled diesel turbocharged after cooled electronic 4 cylinder 4.4 litre engine.	•	Sound-insulated and 4 dual shock mounted cab	•	Bucket regeneration	•
Start pre-heat	•	Mechanical suspension seat	•	One touch power boost	•
One touch idle	•	Heater	•	Cushion control	•
Auto-idle function	•	Opening front window and removable lower front window	•	Cylinder cushioning and contamination seals	•
Automatic engine shutdown	•	Upper door sliding glass in 2 directions	•	2 speed track motors	•
Fan guard	•	Upper windscreen wiper	•	Oil cooler	•
Heavy duty batteries	•	4 button joysticks	•	10 attachment settings through the display	•
Fuel filter with sedimenter	•	Travel pedals and T handle levers	•	High, merged, medium and low flow options (shut off taps as standard)	+
Electronic engine control	•	2 foot rests	•	Advanced tool select to control flow and pressure	+
Fuel cooler	•	Immobiliser	+	Proportional control joystick sliders with electronic foot pedal	+
Refuelling pump with inline filter	+	Loudspeakers and connection for radio	•	Bio oil	+
Additional fuel filter with water separator	•	Standard cab filtration	•	Panolin oil	+
Reversing fan	+	Electric dual tone horn	•	Quickhitch pipework	+
Webasto Winter Kit	+	Interior cab light	•	Hydraulic quickhitch	+
SAFETY		3 x 12v sockets	•	ISO/SAE change over	+
Side guard rails on upper structure and steps	•	7" colour monitor	•	SAE to BSP converters on high flow auxiliary pipework	+
Rear view camera	•	Retractable 2" seatbelt	•	Quick release couplings	+
Battery Isolator	•	Fixed roof glass	•	Hose burst check valves (Boom, Arm)	+
Key	•	Roof blind	•	Twin HBCV For bucket cylinder	+
Lockable fuel cap	•	Cool box	•	Auxiliary vent to tank	+
Lockable hydraulic tank cap	•	Cup holder	•	Attachment case drain	+
Work lights (Level 1 – 2 revolving frame, 2 boom mounted)	•	Climate Control	+	Steelwrist ready	+
Roll over protective structure (ROPS)	•	Rear window blind	+	DIG END	
Travel alarm	•	3" seat belt	+	Grouped greasing	•
Additional Light Options (Levels 2 & 3 available in halogen or LED)	+	2" hi vis seat belt	+	Auto greasing	+
White noise alarm	+	3" hi vis seat belt	+	Dippers 2.5m, 2.7m, 3.0m	+
Cab Guard	+	Front blind	+	HD dipper 2.5m, 3.0m	+
Green beacon linked to seat belt	+	Side window blind	+	Lifting hook tipping link	+
Fire extinguisher (1kg Powder)	+	Bluetooth radio (Linked to pod controls and screen)	+	Lifting shackle tipping link	+
Vandal guards	+	Carbon air filter	+	Bucket ram guard	+
Chevron counterweight	+	Deluxe seat: Heated, adjustable air suspension seat with adjustable headrest.	+	Guards for boom mounted lights	+
Rotating roof beacon	+	Super deluxe seat: Heated and air ventilation, adjustable air suspension seat with adjustable head rest and electric lumbar support	+	OTHER	
2 x counterweight beacons	+	Rain guard visor	+	Ground level visible hour meter	•
Twin camera	+	Dual front wiper	+	Large toolbox	•
360 degree camera	+	UNDERCARRIAGE		Livelink telematics	•
Full upper surrounding handrails	+	Greased and sealed track links	•	Wide core radiators	+
Arm limiter	+	Twin track guards	+	HD slew bearing seal	+
		600, 700, 800, 850mm triple grouser shoe	+	10mm heavy duty plates for upper and lower structure	+
		500, 600, 700 dozer	+	Flyscreen (Cooling Pack + Condenser)	+
				Guards for work lights	+
				Service bay & access lighting	+
				TOPCON / LIECA / TRIMBLE –GPS ready	+











**STANDARD** •  
**OPTIONAL** +




LIFT CAPACITIES – DIPPER LENGTH: 2.1M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET I3IX LC MONO

Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m	-	-	3210*	3210*	2950*	2950*	-	-	2940*	2940*	5001
4.5m	3880*	3880*	3550*	3550*	3370*	3370*	2890*	2650	2690*	2630	6027
3m	5990*	5990*	4540*	4540*	3870*	3420	3520*	2610	2660*	2260	6562
1.5m	-	-	5650*	4440	4490*	3250	3710	2520	2790*	2130	6726
0m	6390*	6390*	6220*	4270	4730	3140	3640	2450	3120*	2180	6547
- 1.5m	8040*	6560	6140*	4230	4690	3100	-	-	3640	2450	5994
- 3m	6790*	6690	5260*	4310	-	-	-	-	3960*	3240	4941

LIFT CAPACITIES – DIPPER LENGTH: 2.5M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET I3IX LC MONO

Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m	-	-	2780*	2780*	2970*	2970*	-	-	2350*	2350*	5491
4.5m	-	-	3160*	3160*	3070*	3070*	3070*	2690	2180*	2180*	6438
3m	5280*	5280*	4160*	4160*	3610*	3450	3310*	2620	2160*	2080	6942
1.5m	7570*	6840	5350*	4490	4280*	3270	3690*	2520	2270*	1970	7096
0m	7090*	6540	6100*	4270	4730	3130	3630	2440	2520*	2000	6927
- 1.5m	8250*	6500	6200*	4200	4660	3070	3590	2410	3030*	2210	6407
- 3m	7270*	6600	5580*	4250	4330*	3120	-	-	3780*	2800	5436

LIFT CAPACITIES – DIPPER LENGTH: 2.7M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET I3IX LC MONO

Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m	-	-	2570*	2570*	2780*	2780*	-	-	2470*	2470*	5721
4.5m	-	-	2960*	2960*	2920*	2920*	2990*	2710	2300*	2280	6635
3m	4910*	4910*	3950*	3950*	3470*	3460	3190*	2630	2290	1990	7124
1.5m	7250*	6870	5170*	4500	4160*	3270	3600*	2520	2410*	1890	7275
0m	7290*	6510	5990*	4250	4700*	3120	3610	2420	2660*	1910	7110
- 1.5m	8290*	6440	6180*	4160	4640	3050	3570	2380	3130	2100	6605
- 3m	7430*	6530	5680*	4200	4450*	3070	-	-	3680*	2620	5668













Lift capacity front and rear.













Lift capacity full circle.

- Notes:
1. 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.
  2. Lift capacities assume that the machine is on firm, level ground.
  3. Lift capacities may be limited by local regulations. Please refer to your dealer.






**LIFT CAPACITIES – DIPPER LENGTH: 3.0M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET****I3IX LC MONO**

Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m					2520*	2520*	2390*	2390*	2160*	2160*	6072
4.5m			2660*	2660*	2690*	2690*	2720*	2720*	2030*	2030*	6940
3m	4380*	4380*	3650*	3650*	3260*	3260*	3030*	2640	2020*	1880	7409
1.5m	6800*	6800*	4910*	4540	3990*	3290	3460*	2520	2120*	1780	7554
0m	7810*	6520	5840*	4260	4590*	3120	3610	2420	2330*	1800	7395
– 1.5m	8330*	6400	6160*	4140	4620	3030	3550	2360	2750*	1960	6911
– 3m	7670*	6460	5820*	4150	4580*	3030	3550*	2390	3530*	2380	6023

**LIFT CAPACITIES – DIPPER LENGTH: 2.1M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET****I3IX LCD MONO**

Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m			3210*	3210*	2950*	2950*			2940*	2940*	5001
4.5m	3880*	3880*	3550*	3550*	3370*	3370*	2890*	2780	2690*	2690*	6027
3m	5990*	5990*	4540*	4540*	3870*	3580	3520*	2730	2660*	2380	6562
1.5m			5650*	4650	4490*	3410	3850*	2640	2790*	2240	6726
0m	6390*	6390*	6220*	4480	4890*	3290	3840	2580	3120*	2290	6547
– 1.5m	8040*	6880	6140*	4440	4870*	3260			3820*	2580	5994
– 3m	6790*	6790*	5260*	4520					3960*	3400	4941

**LIFT CAPACITIES – DIPPER LENGTH: 2.5M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET****I3IX LCD MONO**

Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m			2780*	2780*	2970*	2970*			2350*	2350*	5491
4.5m			3160*	3160*	3070*	3070*			2180*	2180*	6438
3m	5280*	5280*	4160*	4160*	3610*	3610	3310*	2750	2160*	2160*	6942
1.5m	7570*	7160	5350*	4700	4280*	3430	3690*	2650	2270*	2070	7096
0m	7090*	6860	6100*	4480	4790*	3290	3830	2560	2520*	2100	6927
– 1.5m	8250*	6820	6200*	4410	4900	3230	3800	2530	3030*	2330	6407
– 3m	7270*	6920	5580*	4460	4330*	3270			3780*	2940	5436



Lift capacity front and rear.













Lift capacity full circle.

**Notes:**











1. 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.
2. Lift capacities assume that the machine is on firm, level ground.
3. Lift capacities may be limited by local regulations. Please refer to your dealer.



LIFT CAPACITIES – DIPPER LENGTH: 2.7M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET I31X LCD MONO

Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m			2570*	2570*	2780*	2780*			2470*	2470*	5721
4.5m			2960*	2960*	2920*	2920*	2920*	2830	2300*	2300*	6635
3m	4910*	4910*	3950*	3950*	3470*	3470*	3190*	2750	2290*	2100	7124
1.5m	7250*	7190	5170*	4710	4160*	3430	3600*	2640	2410*	1990	7275
0m	7290	6830	5990*	4460	4700*	3270	3810	2550	2660*	2020	7110
– 1.5m	8290*	6760	6180*	4370	4880*	3200	3370	2510	3170*	2220	6605
– 3m	7430*	6850	5680*	4410	4450*	3230			3680*	2750	5668

LIFT CAPACITIES – DIPPER LENGTH: 3.0M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET I31X LCD MONO

Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m					2520*	2520*	2390*	2390*	2160*	2160*	6072
4.5m			2660*	2660*	2690*	2690*	2720*	2720*	2030*	2030*	6940
3m	4380*	4380*	3650*	3650*	3260*	3260*	3030*	2770	2020*	1970	7409
1.5m	6800*	6800*	4910*	4750	3990*	3440	3460*	2650	2120*	1870	7554
0m	7810*	6840	5840*	4470	4590*	3270	3810	2540	2330*	1890	7395
– 1.5m	8330*	6720	6160*	4350	4850*	3180	3750	2490	2750*	2060	6911
– 3m	7670*	6780	5820*	4360	4580*	3190	3550*	2520	3530*	2510	6023



Lift capacity front and rear.



Lift capacity full circle.

- Notes:
- 1. 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.
  - 2. Lift capacities assume that the machine is on firm, level ground.
  - 3. Lift capacities may be limited by local regulations. Please refer to your dealer.

Your nearest JCB dealer

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