



TRACKED EXCAVATOR | RANGE



THE TRACKED EXCAVATOR RANGE

Ever since JCB was founded by Joseph Cyril Bamford in a small garage in Staffordshire in 1945, innovation has driven our machines and our thinking. Of course we've grown since then – to employ over 10,000 people across 4 continents – but innovation remains at the heart of everything we do.

A history of innovation

We've been innovating since day one, and we've always cultivated a uniquely fearless approach to design. Indeed, we've invented whole new genres of machinery – the Fastrac and the telehandler for example – and revolutionised others like the skid steer loader.

The best backup in the business

A key component of any JCB machine is peerless backup and support: our 2,000-strong global dealership and service network keeps the customer at the centre of everything we do, in over 150 countries worldwide. Our World Parts Centre, meanwhile, aims to deliver anywhere on earth within 24 hours.

Success by the million

Every JCB is designed and built to offer ultimate productivity, durability, efficiency, safety, comfort and reliability, so it's perhaps not surprising that we've just built our millionth machine. As you'd expect from such an innovative company though, we won't be resting on our laurels.





JS115/I30/I45 TRACKED EXCAVATOR.

1. The safe choice

There's no need to climb onto the JS115/I30/I45 to check oil levels; all routine servicing can be done from ground level.

2. Working environment

The JS115/I30/I45 creates a quieter working environment inside and out. Because we've reduced noise levels to 72dB(A) inside and 99dB(A) outside, you can use the machine at any location, any time.

3. High tensile strength

The reinforced boom and dipper is made of high tensile strength steel, with single piece wrapper plates and internal baffle plates.

5. Structural strength

The high strength undercarriage of a JCB115/I30/I45 uses a fully welded X frame construction for long term durability.

4. Extremely productive

With a massive 92kN bucket tearout and fast cycle times, the JS115/I30/I45 is extremely productive in all applications.

6. Easy does it

JCB JS115/I30/I45 bonnets open and close easily with gas-assisted cylinders, and the service bays are large and wide for good access.



Easily accessible air filter.



New optional scavenger filtration system.



A 70/30 front screen split gives JCB JSI 115/130/145's excellent front visibility.



Easy open and close bonnets.

		JSI115	JSI130	JSI145
Max. operating weight	kg	12673	14038	14638
Gross engine power	kW (hp)	74kW (100hp)	74kW (100hp)	74kW (100hp)
Dipper options	m	1.95 / 2.25 / 2.80	2.1 / 2.5 / 2.7 / 3.0	2.1 / 2.5 / 2.7 / 3.0
Undercarriage options		LC / LC DOZER	LC / LC DOZER	LC / LC DOZER / HD
Machine variants		MONO	MONO	MONO / TAB / LONG REACH
Max. dipper tearout	kgf	5546	7394	7394
Max. bucket tearout	kgf	9375	9375	9375
Pump flow	lpm	2 x 114	2 x 114	2 x 114

JSI20 TRACKED EXCAVATOR.

1. Boom and dipper

A JCB JSI20 reinforced boom and dipper is made of high tensile strength steel, with internal baffle plates for long life durability.

4. All-new cab

The JCB JSI20 excavator features an all-new cab that's 25% larger than outgoing models. Made from durable pressed steel, this cab provides great visibility all-round.

2. Stability and hydraulics

JCB's innovative hydraulic regeneration system means oil is recycled across the cylinders for faster cycle times and reduced fuel consumption.

5. Performance and productivity

Our engine technology is tried and proven; we've built 200,000 DIESELMAX units since 2004 with 500 hour service intervals this becomes an efficient product to have.

3. Easier servicing

Basic checks couldn't be simpler. The low-profile bonnet opens and closes easily, courtesy of gas struts, while routine inspection points are quickly accessible.

6. Structural strength

The high-strength undercarriage of a JCB JSI20 uses a fully-welded X frame construction for long-term durability even in the most demanding applications.



Welded turret to both the upper and lower undercarriage frame.



The JCB JS120 excavator features an all-new cab that's 25% larger than outgoing models.



Easy service access.



Simultaneous tracking and excavating.

		JS120
Max. operating weight	kg	12800
Gross engine power	kW (hp)	60 (80)
Dipper options	m	2.5 / 3.0
Undercarriage options		LC
Machine variants		MONO
Max. dipper tearout	kgf	6680
Max. bucket tearout	kgf	9375
Pump flow	lpm	2 x 134

JS160/180/190 TRACKED EXCAVATOR.

1. Comfortably in control

Light, intuitive and smooth controls improve comfort and productivity. The JS160/180/190's joystick-mounted power boost button gives extra hydraulic power fast.

2. Visibility and safety

The JS160/180/190 is equipped with a full set of side and rear view mirrors for all round visibility and safety compliance.

3. Strength and durability

JCB JS160/180/190's boast the best components in the industry, including Berco running gear, Kawasaki pumps, Kayaba valve blocks and JCB DieselMAX engines..

4. Boom and dipper

A JCB JS160/180/190's reinforced boom and dipper is made of high tensile strength steel, with single piece wrapper plates and internal baffle plates for long life durability.

6. Excellent versatility

The JS160/180/190 is a hugely versatile machine that's made all the more so by a big range of attachments, enabling you to carry out a wide range of tasks.

5. Here to help

JCB JS160/180/190 grease points are centralised for safe and easy access to high level pivots.



Hugely versatile machine.



Optional 7" colour multi-function display.



Easy service access.



The cab and controls are independently adjustable so that it's easy to find the perfect operating position.

		JSI60	JSI80	JSI90
Max. operating weight	kg	18436	19438	20461
Gross engine power	kW (hp)	93 (125)	93 (125)	93 (125)
Dipper options	m	2.25 / 2.7 / 3.05	2.25 / 2.7 / 3.05	2.25 / 2.7 / 3.05
Undercarriage options		LC / NLC	LC / NLC	LC / NLC
Machine variants		MONO / TAB	MONO / TAB / LONG REACH	MONO / TAB
Max. dipper tearout	kgf	8754	8754	8754
Max. bucket tearout	kgf	11839	11839	11839
Pump flow	lpm	2 x 164	2 x 164	2 x 164

JS200/220 TRACKED EXCAVATOR.

1. Boom and dipper

A JCB JS200/220's reinforced boom and dipper is made of high tensile strength steel, with single piece wrapper plates and internal baffle plates for long life durability.

2. Versed in versatility

For ultra versatility, JCB offers a full list of auxiliary pipework options including hammer, auxiliary, merged and low flow.

5. Excellent visibility

A 70/30 front screen split gives JCB JS200/220 excellent front visibility. A clear view of the front right track provides easy, safe trench digging and manoeuvring.

3. Comfortably in control

Light, intuitive and smooth controls improve comfort and productivity. The JS200/220 joystick-mounted power boost button gives extra hydraulic power fast.

4. The efficient excavator

Tier 3 compliant Isuzu engine benefits from a revised electronic control system, delivering high torque at low revs and the highest power rated engine of 128kW (172 hp) in the 20T market.

6. Structural strength

The high-strength undercarriage of a JCB JS200/220 uses a fully-welded X frame construction for long-term durability even in the most demanding applications.



Isuzu engine.



Easily serviced and cleaned.



Massive 155kN bucket tearout.



Stable work platform.



Excavating is smooth and fast with an intuitive multifunction operation.



Excellent front visibility with a 70/30 front screen split.

		JS200	JS220
Max. operating weight	kg	21190	22490
Gross engine power	kW (hp)	129 (173)	129 (173)
Dipper options	m	1.91 / 2.4 / 3.0	1.91 / 2.4 / 3.0
Undercarriage options		NLC / SC / LC	NLC / SC / LC
Machine variants		MONO	MONO / TAB / XD / LONG REACH
Max. dipper tearout	kgf	13450	13450
Max. bucket tearout	kgf	14550	14550
Pump flow	lpm	2 x 224	2 x 224

JS200/210/220 TRACKED EXCAVATOR.

2. Excellent visibility

A 70/30 front screen split gives a JCB JS200/210/220 excellent front visibility. A clear view of the front right track provides easy, safe trench digging and manoeuvring.

1. The efficient excavator

Our engine technology is tried and proven; we've built 200,000 DIESELMAX units since 2004.

3. Boom and dipper

A new reinforced boom and dipper is made of high tensile strength steel, with three piece wrapper plates and cast ends for strength and durability.

4. Versed in versatility

For ultra versatility, JCB offers a full list of auxiliary pipework options including hammer, auxiliary, merged and low flow.

5. Comfortably in control

Light, intuitive and smooth controls improve comfort and productivity. The JS200/210/220 joystick-mounted power boost button gives extra hydraulic power fast.

6. Structural strength

The high-strength undercarriage of a JCB JS200/210/220 uses a fully-welded X frame construction for long-term durability even in the most demanding applications.





New scavenger filtration system.



Simultaneous tracking and excavating.



Service bays are large and wide for good access.



Easy and precise tracking.

		JS200	JS210	JS220
Max. operating weight	kg	21190	21675	22490
Gross engine power	kW (hp)	129 (173)	129 (173)	129 (173)
Dipper options	m	1.91 / 2.4 / 3.0	1.91 / 2.4 / 3.0	1.91 / 2.4 / 3.0
Undercarriage options		NLC / SC / LC	NLC / LC	NLC / SC / LC
Machine variants		MONO	MONO	MONO / TAB / XD / LONG REACH
Max. dipper tearout	kgf	13450	13450	13450
Max. bucket tearout	kgf	14550	14550	14550
Pump flow	lpm	2 x 224	2 x 224	2 x 224

JS205 TRACKED EXCAVATOR.

1. Upping output

A bucket tearout of 13205Kgf and a dipper tearout of 11700Kgf mean the JS205 can really get the job done quickly, even in very hard strata.



2. Boom and dipper

We've designed an all-new heavy-duty boom and dipper that's made up of bigger sections for high durability and strength.



3. Even more comfort

The cab of a JS205 is a comfortable, and therefore productive, place to be, with a rear stowage box, bottle holder and file holder.

5. Intuitive controls

Light, intuitive and smooth controls improve comfort and productivity.

4. Efficiency

The proven and efficient Cummins engine is designed and developed to work in hot and dusty conditions making it reliable and durable.



6. Structural strength

We've fitted under belly guards on the lower frame to give additional protection to key components.



Opening roof hatch.



High visibility.



Controls are independently adjustable.



Auxiliary pipework for hammers.



Efficient Cummins engine.



Large bucket tearout.

		JS205
Max. operating weight	kg	21500
Gross engine power	kW (hp)	104 (140)
Dipper options	m	2.4/3.0
Undercarriage options		LC / SC
Machine variants		MONO
Max. dipper tearout	kgf	11700
Max. bucket tearout	kgf	13205
Pump flow	lpm	2 x 220

JS240/260 TRACKED EXCAVATOR.



1. Boom and dipper

A JCB JS240/260's reinforced boom and dipper is made of high tensile strength steel, with single piece wrapper plates and internal baffle plates for long life durability.

2. Stability and hydraulics

JCB's innovative hydraulic regeneration system means oil is recycled across the cylinders for faster cycle times and reduced fuel consumption.

3. Comfortably in control

Light, intuitive and smooth controls improve comfort and productivity. The JS240/260's joystick-mounted power boost button gives extra hydraulic power fast.

4. Excellent visibility

A 70/30 front screen split gives JCB JS240/260's excellent front visibility. A clear view of the front right track provides easy, safe trench digging and manoeuvring.



5. The efficient excavator

The ISUZU Tier 3 compliant engine uses a multi-stage fuel filtration system.



6. Structural strength

The high-strength undercarriage of a JCB JS240/260 uses a fully-welded X frame construction for long-term durability even in the most demanding applications.





Light, intuitive and smooth controls.



Large range of attachments.



Solid, stable work platform.



Easy service access.

		JS240	JS260
Max. operating weight	kg	28500	28500
Gross engine power	kW (hp)	140 (188)	140 (188)
Dipper options	m	2.0 / 2.44 / 3.09 / 3.53	2.0 / 2.44 / 3.09 / 3.53
Undercarriage options		NLC / SC / LC	NLC / SC / LC
Machine variants		MONO	MONO / TAB / XD / LR
Max. dipper tearout	kgf	18272	18272
Max. bucket tearout	kgf	19574	19574
Pump flow	lpm	2 x 229	2 x 229

JS290 TRACKED EXCAVATOR.

2. Visibly better

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.

1. A productive environment

The low-emission AH-6HKIX 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.

3. Tough by design

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

4. Use and comfort

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.

5. Comfortably in control

Light, intuitive and smooth controls improve comfort and productivity.

6. Reducing downtime

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




Maximum productivity.

Light, intuitive and smooth controls improve comfort and productivity.

Ground level servicing.

Performance and efficiency.

		JS290
Max. operating weight	kg	31670
Gross engine power	kW (hp)	161 (216)
Dipper options	m	2.51/3.1/3.7
Undercarriage options		NLC / LC
Machine variants		MONO / XD
Max. dipper tearout	kgf	24024
Max. bucket tearout	kgf	17651
Pump flow	lpm	2 x 250

JS330/360 TRACKED EXCAVATOR.

1. Boom and dipper

A JCB JS330/360 has cushioned boom and dipper ends to prevent shock loadings, protect your machine and increase operator comfort.

2. Stability and hydraulics

A balanced slew and electronic/hydraulic controlled slew braking give speed and precision.

3. Comfortably in control

The JS330/360's cab and controls are independently adjustable so that it's easy to find the perfect operating position.

4. Excellent visibility

A large laminated glass roof window gives the JS330/360 optimum visibility for working at height.

5. Performance and productivity

JCB DIESELMAX 672 is equipped with high capacity multi-stage fuel filtration.

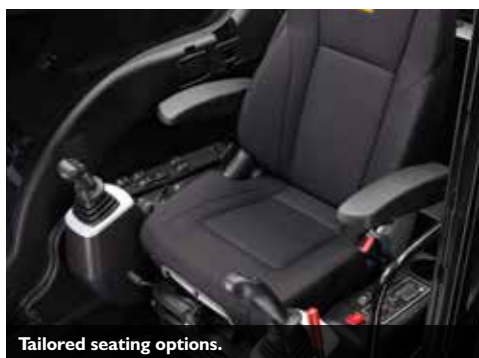
6. Structural strength

The high-strength undercarriage of a JCB JS330/360 uses a fully-welded X frame construction for long-term durability even in the most demanding applications.





Top class components.



Tailored seating options.



A JCB JS330/360 has a solid, stable work platform for fast cycle times.



Excellent front visibility.

		JS330	JS360
Max. operating weight	kg	33429	38016
Gross engine power	kW (hp)	210 (281)	210 (281)
Dipper options	m	2.21 / 2.63 / 3.23 / 4.03	2.21 / 2.63 / 3.23 / 4.03
Undercarriage options		LC / NLC	LC / NLC
Machine variants		MONO / LR / ME / TAB / XD	MONO / LR / ME / TAB / XD
Max. dipper tearout	kgf	21346	25300
Max. bucket tearout	kgf	24144	27716
Pump flow	lpm	2 x 290	2 x 304

JS500 TRACKED EXCAVATOR.

1. Boom and dipper

A JCB JS500's reinforced boom and dipper is made of high tensile strength steel, with internal baffle plates for long life durability.

2. Stability and hydraulics

Optimised hydraulic pump settings and a revised spool configuration within the main valve block, only delivers the required oil flow, preventing wasted energy.

3. Upping output

With up to a massive 272kN of bucket tearout and fast cycle times, the JS500 is extremely productive in all applications.

4. Excellent visibility

A large laminated glass roof window gives the JS500 optimum visibility for working at height.

5. Performance and productivity

Tier II compliant Isuzu engine benefits from the mechanically controlled fuel system, delivering high torque at low revs and the high power rated engine of 228kW, giving max performance at all times.

6. Minimum spend

To save fuel, JCB Auto-Idle technology automatically reduces engine speed when hydraulics aren't in use.



Welded turret to both the upper and lower undercarriage frame.



Function switches are easy to reach and include the heater and climate control panels.



Easy service access.



Simultaneous tracking and excavating.

		JS500
Max. operating weight	kg	47653
Gross engine power	kW (hp)	228 (305)
Dipper options	m	2.5 / 3.36 / 4.0
Undercarriage options		LC
Machine variants		MONO
Max. dipper tearout	kgf	23411
Max. bucket tearout	kgf	27567
Pump flow	lpm	2 x 346

LIVELINK, WORK SMARTER.

LIVELINK IS AN INNOVATIVE SOFTWARE SYSTEM THAT LETS YOU MANAGE JCB MACHINES REMOTELY – ONLINE, BY EMAIL OR BY MOBILE PHONE. ACCESS EVERYTHING FROM MACHINE ALERTS TO FUEL REPORTS AND HISTORY INFORMATION, WITH ALL DATA STORED AT A SECURE CENTRE.

Productivity and cost benefits

By providing information like idle time monitoring and machine fuel consumption, JCB Livelink helps reduce your fuel usage, saving money and improving productivity. Machine location information can help improve efficiency and perhaps even reduce insurance costs.



Maintenance benefits

Manage machine maintenance easily – accurate hours monitoring and service alerts improve maintenance planning, while real-time location data helps you manage your fleet. Critical machine alerts and maintenance history records are also available.



Security benefits

Livelink's real-time geofencing alerts tell you when machines move out of predetermined zones, and real-time curfew alerts inform you of unauthorised usage. Further benefits include real-time location information, advanced ECU matching (pairs Livelink with the immobiliser or ECU), and PIN code management (to remotely authorise usage – perfect for plant hire).



VALUE ADDED.

JCB'S WORLDWIDE CUSTOMER SUPPORT IS FIRST CLASS. WHATEVER YOU NEED AND WHEREVER YOU ARE, WE'LL BE AVAILABLE QUICKLY AND EFFICIENTLY TO HELP MAKE SURE YOUR MACHINERY IS PERFORMING TO ITS FULL POTENTIAL.



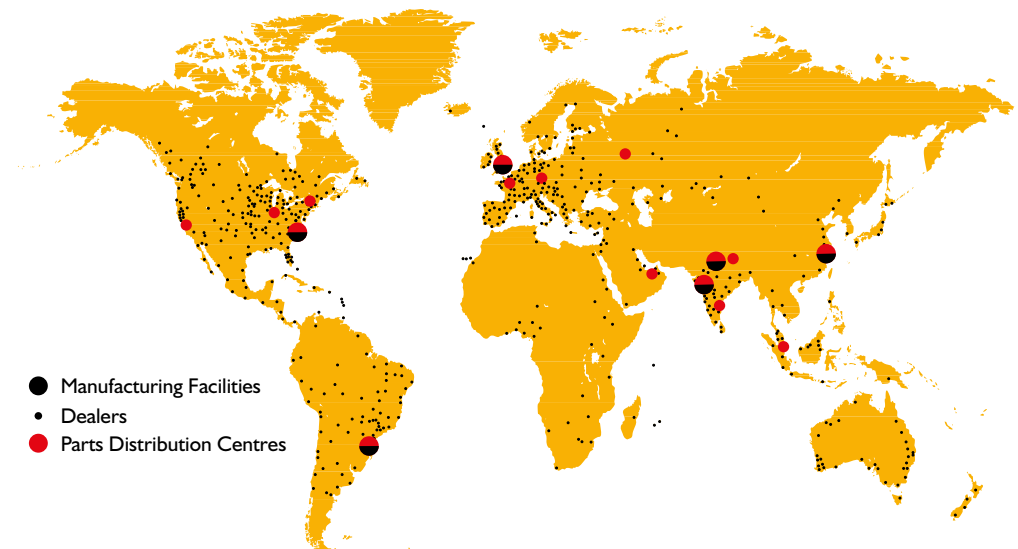
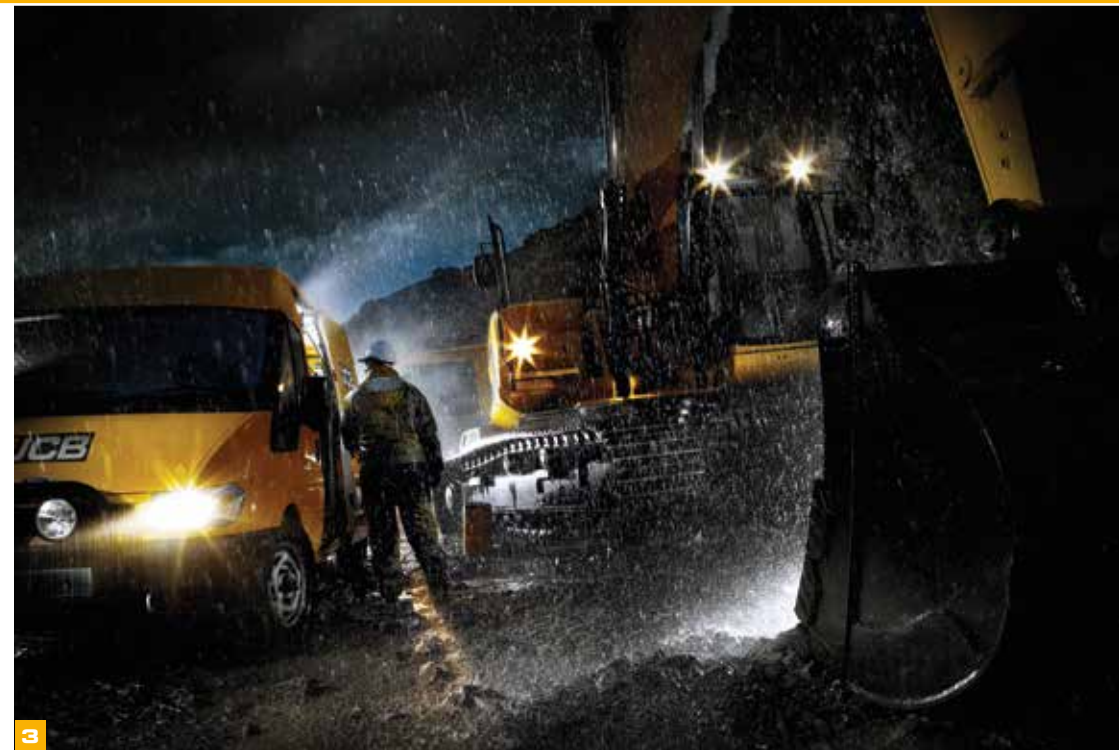
1 Our Technical Support Service provides instant access to factory expertise, day or night, while our Finance and Insurance teams are always on hand to provide fast, flexible, competitive quotes.

2 The global network of JCB Parts Centres is another model of efficiency; with 16 regional bases, we can deliver around 95% of all parts anywhere in the world within 24 hours. Our genuine JCB parts are designed to work in perfect harmony with your machine for optimum performance and productivity.



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

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





ONE COMPANY, OVER 300 MACHINES.

Your nearest JCB dealer

TRACKED EXCAVATOR CONSTRUCTION RANGE

JCB Sales Limited, Rocester, Staffordshire, United Kingdom ST14 5JP.

Tel: +44 (0)1889 590312 Email: salesinfo@jcb.com

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

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

