



HIGHWAYS SOLUTIONS

The hole range.



HIGHWAYS SOLUTIONS.

A SINGLE-MACHINE SOLUTION MAKES HIGHWAY MAINTENANCE BOTH SIMPLER AND LESS DISRUPTIVE. WITH THIS IN MIND, JCB PRESENTS THREE INNOVATIVE BACKHOE LOADERS WITH FEATURES TAILORED SPECIALLY FOR ALL KINDS OF HIGHWAY WORK.

These dedicated models range from the 1CX T - the world's smallest backhoe loader – to the world's number one, the JCB 3CX. There's also the brand new 3CX Compact tool carrier.

We've developed powerful patch planers, sweeper collectors and handheld tools for each model. This means you can use one machine for full preparation and permanent repair of potholes.

But fixing potholes only scratches the surface of these machines' capabilities.

All three are compatible with a huge array of attachments so that they can complete a whole range of other jobs.

In short, we have the right machine to fill almost any hole in your fleet.





ICXT.

The world's smallest backhoe loader now runs on tracks. With a large footprint, you can work on delicate ground. Exceptional pushing power and ultimate stability make it ideal for highways applications.



3CX Compact.

JCB's latest backhoe loader innovation is designed for the congested modern environment. It's a compact machine and, with high-flow hydraulics and a 40 km/h road speed, there's no compromise to performance.



3CX Eco.

With maximum power and versatility, it's no wonder this is the world's number one backhoe. It's also the ultimate highways machine, boasting the ability to power a vast range of attachments and travel under its own steam.

		ICXT	3CX COMPACT	3CX Eco
Operating weight	kg	4342	6070	8102
Maximum gross engine power	kW (hp)	36 (49)	55 (74)	68 (91) / 81 (109)
Maximum hydraulic flow	l/min	100 (HF)	100	165
Loadover height	m	2.65	2.98	3.20
Maximum excavator reach (extending dipper)	m	3.91	5.22	6.52
Width	m	1.80	1.95	2.35
Travel clearance	m	2.27	3.07	3.61
Maximum road speed	km/h	7.5	40	40

ONE TRACKED MACHINE.

THE NEW JCB ICXT COMBINES A COMPACT TRACKED LOADER'S PLANING CAPABILITY WITH A BACKHOE LOADER'S FLEXIBILITY. COMPACT DIMENSIONS, LOW GROUND PRESSURE AND A SKID STEER CHASSIS MAKE IT PERFECT FOR JOB SITES WHERE SPACE IS AT A PREMIUM.

1 JCB's powerful patch planer can plane right up to the kerb. You can also adjust it to the contours of the road from inside the cab, making it easy to prepare potholes perfectly every time.

2 You can use the sweeper collector for clearing away road planings as well as any general sweeping tasks.

3 Choose the extending dipper to increase the working area of the machine. When combined with the multiple available attachments, you can easily complete jobs such as ditching, breaking, and laying kerb stones.

4 Fit the hand-held tool option, to power the tools needed to completely prepare a pothole, without the need for additional plant.

5 The ICXT is compatible with many skid steer attachments so you can use it for various highway jobs including snow clearing and drainage.





Handheld versatility

The optional handheld tool circuit offers 20 lpm of hydraulic flow. It's compatible with Class C tools like disc cutters, water pumps and handheld breakers.

Go anywhere

Compact dimensions make your JCB 1CXT ideal for confined city centre sites. It's 1.8m wide and can work on a 31% gradient, offering excellent access.

The pressure's off

320mm tracks provide phenomenal stability and low ground pressure. You can therefore use your 1CXT in all conditions, whilst leaving minimal ground damage.

Higher performance

The 1CXT is compatible with skid steer attachments. Long loader arms offer a 2.65m load over height, so you can safely load lorries.

In total control

EasyControl replicates the controls of a mini excavator and a compact tracked loader, making a 1CXT easy and safe to use.

ONE COMPACT MACHINE.

THE 3CX COMPACT IS THE PERFECT SINGLE-MACHINE SOLUTION FOR PERMANENT POTHOLE REPAIR PREPARATION, COLLAPSED DRAINS, KERBS AND MORE. WITH A POWERFUL PATCH PLANNER, SWEEPER COLLECTOR AND TOW HOOK TO BRING TO SITE USEFUL HANDHELD TOOLS, IT REALLY IS THE ULTIMATE IN ROAD REPAIRS.

1 A handheld tool circuit allows use of power tools such as disc cutters or breakers. The tools can even be used at the same time as the attachments on the machine.

2 The ability to do perfect preparation for a permanent pothole repair by planing, cutting and sweeping up.

3 A compact size allows it to work in confined areas that are inaccessible for standard size backhoes.

4 Under 6m turning circle means it can work in a single carriageway allowing a road to be kept open.

5 The versatility to do the work of multiple machines like drainage, forklift, moving kerbstones and carrying material such as hot tar or loading salt into gritters.



**Sweeper collector**

The sweeper collector ensures thorough surface preparation. Its offset design allows work to be carried out in a single carriageway, eliminating disruption to traffic.

Patch planer

The powerful high speed drum cuts clean vertical sides to any planed area. This allows consistent, clean compaction of new tarmac into the prepared area.

Handheld tool circuit

The 9m hose reel provides power to a wide variety of hydraulic tools in a large working radius, and its auto retract system makes it easy to put away after use.

Handheld breaker

A HM25 breaker is included. This low vibration model provides an excellent power to weight ratio and comes with an external holster.

Extending dipper

10 or 12ft extending dipper reduces the need to reposition the machine, saving valuable time.

Additional features and attachments

Switchable ISO SAE controls; Stabiliser street pads; LED light kit.

MASTER OF THE HIGHWAY.

FOR MAXIMUM PERFORMANCE IN HIGHWAY APPLICATIONS, OPT FOR JCB'S FULL-SIZE 3CX POTHOLE MASTER. COMBINING A SPACIOUS CAB, LARGE WORKING RADIUS AND ULTIMATE LOADER CAPACITY, IT'S SIMPLY THE MOST VERSATILE AND PRODUCTIVE POTHOLE MACHINE ON THE MARKET.

1 The high-performance patch planer on the rear of the Pothole Master can plane up to a depth of 115mm with great precision.

2 Use strong downward pressure from the heavy-duty sweeper collector to create a perfectly clear area ready for reinstatement.

3 There's 6.5m of excavator reach and a large range of attachments available. This means you can complete a huge range of highways tasks, including breaking around street furniture and laying kerbs.

4 An auxiliary tool circuit and a 9m hose reel give you a huge working area. This setup allows you to use handheld tools like breakers, pumps and disc cutters at the same time as the excavator, raising productivity.

5 Be productive in all weathers: from a snow blade on the front to a ditching bucket on the back, you can deal with floods, snow drifts and anything else nature throws at you.



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Inside knowledge

LiveLink helps you manage your machine more effectively by providing comprehensive usage data. You can monitor hours or fuel consumption, and set alerts to let you know about unauthorised usage.

Easy maintenance

Daily checks are completed automatically. The 3CX has an easy-to-lift one-piece bonnet and parts are grouped for single-side servicing, saving you time and effort.

Very versatile

The 3CX can be tailored to a wide range of highways applications. Optional attachments include hydraulic thumbs, compactors, breakers and ditching buckets.

Get the drift

Clear snow easily with the snow blade; this useful tool allows you to clear snow to whichever side you want. What's more, the snow blower can fire snow up to 14 metres.

Site to site

With a 40 km/h top speed, you won't need lorries to transport your 3CX between jobs at different locations.

JUST ADD TAR.

THE JCB VMT COMPACTION RANGE OFFERS A HIGHLY VERSATILE PROPOSITION FOR ASSISTANCE WITH WORK IN HIGHWAYS APPLICATIONS. FROM ASSISTING WITH POTHOLE REPAIRS AND GENERAL ROAD MAINTENANCE AND SURFACING TO CREATING FOOTPATHS AND WALKWAYS, THERE IS A JCB TANDEM ROLLER TO SUIT THE NEED.

1 Once the area has been perfectly prepared and material has been laid, the VMT vibratory roller compacts the reinstated ground to the correct density - leaving a smooth finish and a permanent solution.

2 The VMT 160 is available as an 80cm, 90cm or 100cm variant, whilst the VMT260 (being the larger of the two machines) is available with a drum width of 100cm or 120cm.

3 Low fuel consumption and water tanks ranging from 125-230 litre capacity allow for maximum productivity. Operating static linear loads on all VMT's comply with UK HAUC requirements.

4 The operator has excellent drum visibility without having to strain, and easy access to controls through the ergonomic design.

5 The ability to offset the drums by 65-80mm (model dependant) allows compaction work to be carried out close to kerbs without risk of damage.



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.

Productivity and cost benefits –

Machine location information can improve fleet efficiency and you may even enjoy reduced insurance costs courtesy of the added security that LiveLink brings.

** Note: Please consult your local dealer for LiveLink availability*



Maintenance benefits – Accurate hours monitoring, maintenance history records, critical machine alerts and service alerts improve maintenance planning.

Security benefits – Real-time geofencing lets you set operating zones and curfew alerts that tell you when your machinery is moving outside of pre-determined times. Location information helps you store machines safely.

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.

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 ASSETCARE may not be available in your region, so please check with your local dealer.



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.



ONE COMPANY, OVER 300 MACHINES.

Your nearest JCB dealer

HIGHWAYS SOLUTIONS

The hole range.

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

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