

AGRI LOADALL



A Product of Hard Work



Courtesy of Crane.Market



**More versatile, more productive, more durable, more reliable
It's the world's number one telehandler for a reason**

WORLD-LEADING INNOVATION & PERFORMANCE



The demands placed on agricultural machines are extreme: more extensive farms mean more distance to travel and more time spent in the cab carrying out more diverse tasks. The JCB Loadall gives – and keeps on giving – you more. Part of the JCB agricultural range, the 24 Loadall models (more than any other manufacturer) build on our heritage in agriculture and the experience gained since we pioneered the telescopic handler concept in 1977.

The result is a solution to fit every need and every size operation, all designed specifically for agriculture, not adapted from construction. Superb productivity comes from the powerful engines and hydraulics, with cutting-edge JCB innovation to boost performance even further. Fast travel speeds, a wide range of attachments, luxurious comfort and effortless control for daylong working. The Loadall is the perfect partner for your tractor.

Every last ounce of power is harnessed

Giving unbeatable productivity and economy

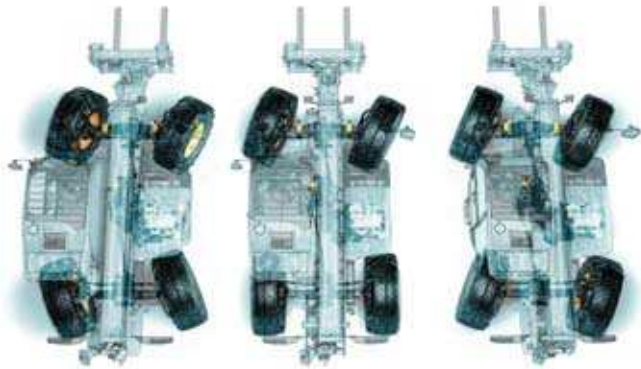
You need a tractor for field work. Add the world's number one telescopic handler to your armoury and virtually every single other task on the farm is covered: all done with incredible power, speed, manoeuvrability and versatility.

No other manufacturer offers a wider range: 24 Agri models with lift capacities from 2 to 4.1 tonnes, and lift heights from 4 to 9.5m. And within this you can tune machine spec even more finely to your needs, with Agri, Agri Plus, Agri Super and Agri Xtra packages.

The world-beating performance statistics of these machines start with brute force. Specifically, the Dieselmex engine which in 2006 powered the world's fastest diesel car, reaching an incredible 350.092mph (563.418kph). In Loadalls, this visionary piece of engineering delivers high power and plenty of torque enabling them to take off quickly and drive into piles of muck, grain or silage.

These engines work hard but, more importantly, every ounce of work they are doing is harnessed, nothing is lost, thanks to JCB's unique, patented TorqueLock. This innovation takes over in fifth and sixth gear to eliminate torque converter slippage, increasing speed, saving time and fuel, and allowing you to go faster uphill or when towing a trailer, for example.

Once the Loadall is where you need it to be - with a top speed of 40kph* this happens very quickly - it is about accomplishing the task. And with class-leading hydraulics for faster cycle times, enviable manoeuvrability and real versatility, you can take superb productivity for granted.



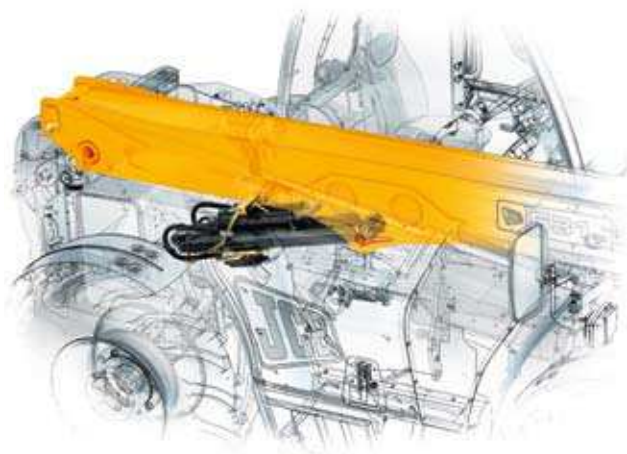
* Model dependant





Any job, anywhere

**You can accomplish more,
more quickly, with a Loadall**



* Optional

Getting the job done is about three things. First, hydraulics. A range of pump options, right up to our class-leading Variflo hydraulics, translates power into efficient lifting, extending and pushing for fast cycle times.

Second, manoeuvrability and stability. Whether it is a 4-wheel steer model or, as with most of the Loadalls, a 3-steer mode machine (2-wheel, 4-wheel and crab steer), fast, safe operation is a given.

The narrow chassis and good steering lock give tight turning, while a long wheelbase and low centre of gravity ensure excellent stability. Add advanced and innovative engineering in the form of JCB's Smoothride System* and you have excellent load retention, improved even further by parallel lift which automatically raises and lowers forks or shovels parallel to keep more load on board.

In tough conditions, the Loadalls' limited slip differentials* come into play, increasing traction to keep you working. Plus these machines are designed to give good ground clearance and departure angle, so you can access all areas.

Last but not least, flexibility. It is in the very nature of a Loadall, with its telescopic arm, to be a supremely versatile performer. JCB add to this a diverse range of attachments to optimise machine potential, while a constant flow auxiliary service allows you to operate motorised attachments. Thanks to quick couplers, changing attachments is fast so you can switch from task to task and accomplish more.





A comfortable driver is a productive driver

**And no one is more comfortable
than a Loadall driver**



Productivity and comfort go hand in hand; if the driver is jolted around, too hot or cold, constantly twisting and reaching, and can't see clearly, he won't spend as long in the cab or get as much done. So we make sure that a Loadall driver = a happy driver = a productive driver.

We've talked about how the Smoothride System irons out bumps to keep the load on board. A by-product of this performance feature is that it also cushions the ride for the operator.

In fact, Loadalls offer best-in-class comfort with: one of the largest cabs in the industry, class-leading noise levels; excellent air flow, ventilation and demisting, with optional aircon; and a fully adjustable suspension seat and steering column for the optimum driving position.

The whole point of any cab is to put the operator in control, and the Loadall does this with simplicity and style. Ergonomic, intelligent arrangement of all dials and switches makes for intuitive, relaxed operation, while most models have either low-effort single-lever controls (light and comfortable) or seat-mounted servo controls (smooth and effortless) making it quick and easy to grasp precise operation.

Control is maximised by making it easier for operators to see what they're doing. Low booms, large cab and roof windows and angled roof protection bars all combine to give all-round clarity for, not just superb productivity, but also for personal safety and machine protection.





JCB legendary quality

Excellence in every process and every component



For some, quality is an elusive characteristic. Not for JCB. Quality exudes from the Loadall, with the automotive styling and luxury cab interior immediately pointing to a very fine machine. But quality is also in the attention to detail; JCB's commitment to constantly improving and innovating down to the very last nut and bolt.

From our sophisticated design process to manufacturing and assembly, quality is our watchword. In design, we use finite element analysis to eliminate high-stress components for long-life structures. In manufacturing all our processes are backed by ISO 9001:2008 to guarantee consistently high standards. And post assembly, we put our machines through 1000s of rigorous testing cycles, so we know they are built to last.

At the core of each machine is sheer strength. We know how demanding agricultural applications are. So the Loadall's one-piece, fully welded chassis is manufactured from thick steel to add an extra-robust edge. The engine is mounted directly onto the chassis to reduce stress and encourage continued high performance.

The engine itself - the record-breaking Dieselmax - is engineered to provide high torque at low revs, prolonging its life. It is also perfectly matched with the transmission, axles, cab and rams; all elements are designed and manufactured by JCB to work in perfect harmony for a high quality, durable total package.





Built to last for longer

Enviably quality, incredible strength,
unrivalled durability



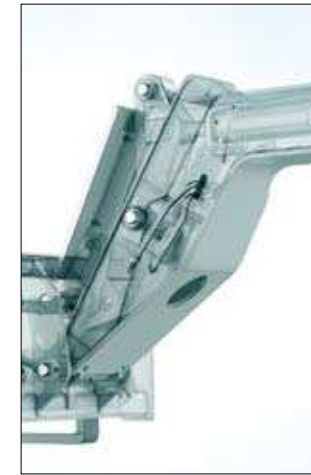
Continuing the complete quality story, we move from the rigid chassis - which also features heavy-duty axle feet designed to absorb the immense stresses generated during continuous loading work - to the boom.

All Loadall booms are built for long-term performance and durability, with particular attention paid to wear points. To add vital strength when carrying out tough tasks like shovel work, we use a U-shaped pressing and fully welded closing plate rather than separate welded plates. The integrated boom nose design, incorporating thick, heavily reinforced sections with large boom overlaps, provides even greater reliability and durability in this high-stress area.

For additional structural integrity, we use keyhole castings to attach the tilt, lift and extension rams. Meanwhile, the lift rams are centrally mounted to avoid offset stresses and twisting of the boom.

Just a few more examples of where our eye for quality makes a real impact on machine life are: the hoses routed inside the boom for extra protection (and improved visibility); an electrophoretically dipped cab for long-term corrosion prevention; and folding lights to prevent machine damage,

Taken all together, you have a quality product that will continue to perform at the top of its game for a very, very long time.



Integrated nose and one-piece closing plate



U-shaped boom profile



Hoses are routed through the boom



Versatile, reliable, economical with good residuals

A Loadall is a wise investment



The demands placed on farm machines are greater than in virtually any other environment. So making the right decision, especially if you are only investing in a few key machines, is crucial. There is a lot to consider but the wise investor pays close attention to cost of ownership: the lifelong costs that add up to how valuable any one machine is going to be to your operation.

When it comes to return on investment, Loadalls are a combination of three things. One, innovative performance features that save you money in the long run. TorqueLock, for instance, cuts both fuel and the time it takes to complete a task. Another example is the 4-wheel-drive disconnect switch which saves wear on tyres and the transmission.

Two, our machines are built to be as versatile and reliable as possible. You will find you can do more with a Loadall, more of the time, so you are always putting your investment to the best possible use.

And three, residual value. This is the world's number one telescopic handler, so the integral quality, value of a global brand and luxury styling all point to excellent resale potential.

Together, these three things add up to a very wise investment. Plus, we make investing a whole lot easier too, with flexible finance and insurance solutions, extended warranties and service packages.





Excellent serviceability, excellent security

These machines are always ready
and waiting to go to work



You buy a performance car and it spends most of the time with the mechanics. That's a disappointment. You buy a telescopic handler and it lets you down. That's a disaster for your business. Livelihoods depend upon our machines always being ready to work and that's a responsibility we take seriously.

Along with quality and durability, another key factor in maximising machine uptime is easy serviceability. With a Loadall, all checks are quick, simple and safe to carry out from ground level. The one-piece bonnet is on a gas strut for ease and safety; the radiator chaff guard and reversing fan keeps out debris; the fold-out cooling package is easy to clean, as is the flat floor with drainage channels; and most service intervals, including boom lubrication, are at 500 hours.

So you have a machine in A1, tip-top condition. Now you need to make sure it stays your machine, with additional security features to put off would-be thieves and vandals. For example, all Loadalls windows are etched with serial numbers to aid recovery, and a battery isolator immobilises the machine making it impossible for anyone else to restart.





Exceptional manoeuvrability can negotiate even the most restricted farms

A choice of 3 steer modes on most machines: 2-wheel steer, 4-wheel steer and crab.

Other machines offer 4-wheel steer.

Optional patented auto-steer mode allows simple changes between the 3 steer modes with no need to align the wheels visually.

Limited slip differentials increase traction in difficult conditions

Incredible power and speed for enhanced productivity

JCB Dieselmix engine on most models provides high power and plenty of torque at a low engine speed.

TorqueLock eliminates torque converter slippage in fifth and sixth gear, increasing speed and saving fuel.

Up to 40kph transmission gives fast travel around the farm.

5-, 8- and 10-tonne capacity tow hitch allows you to tow trailers.

Excellent all-round visibility enhances safety

Hoses are routed inside the low boom for improved visibility (and damage protection).

Angled roof bars give optimum upwards visibility.

Large cab and roof windows provide a clear view.

Efficient and effective lifting, extending and pushing

A choice of multiple gear pumps for fast cycle times, or Variflo hydraulics for class-leading cycle times.

Extra-large hydraulic pipes on Xtra models ensure even faster hydraulic speed, lower losses and more efficient operation.

Smoothride System retains the load better when working and roading.

Forks are automatically raised parallel to retain the load.

Transmission disconnect diverts engine power for fast hydraulic cycles.

Long wheelbase and low centre of gravity aid stability.

Constant flow auxiliary service allows you to operate motorised attachments, such as straw spreaders, feeding/mixing buckets and sweeper collectors

Robust, reliable, durable design for daylong working

Finite element analysis eliminates high-stress components for a long-life structure.

One-piece fully welded chassis equals maximum strength and minimum weight.

Chassis-mounted engine reduces stresses.

U-shaped boom pressing and fully welded closing plate add strength and reliability.

Keyhole castings used to attach tilt, lift and extension rams add to structural integrity.

Centrally mounted lift rams avoid offset stress and twisting.

Electrochromatically dipping the cab prior to painting gives long-term corrosion protection.

Folding lights prevent site damage.

Ground-level servicing and 500-hour service intervals

Effortless, precision control results in maximum productivity

Ergonomically positioned, easy-to-understand controls reduce operator fatigue.

Intelligent grouping of dials and switches makes operation easier.

Most machines feature low-effort, single-lever controls, while some boast seat-mounted servo controls.

Load hold check valves are fitted to lift, tilt and extension rams for safety in the event of a hose problem.

Eye-level load moment indicator gives a progressive read out of forward stability.

Best-in-class cab comfort and styling extends the working day

One of the largest cabs available.

Effective insulation keeps noise to class-leading levels.

Carefully placed vents give excellent air flow, ventilation and demisting (air-conditioning is an option).

Comfort is assured with a fully adjustable suspension seat and steering column.

Extra comforts include a storage area, mobile phone holder and cup holder.

Specification varies by model and region. Please see your local dealer for details



Exceptionally versatile

JCB attachments help you get even more from your machine

When every part of your machine works in harmony, the result is superlative performance. JCB attachments are all designed and manufactured to be perfectly matched to your machine. We use only top quality components combined with engineering expertise and exhaustive testing to ensure quality, reliability and durability.

The range of attachments is designed to answer specific tasks around the farm, from a bale spike, beet basket and shovels, to speciality hydraulic attachments which can be speedily interchanged using the hydraulic quick couplers. We offer real solutions to specific customer needs, maximising the versatility and profitability of your JCB Loadall.



BEET BASKET

Specialist attachment for handling all types of root crops
Spaced bar design allows mud and small material to fall through
Substantial toeplate gives long-lasting protection
Round-bar leading edge to prevent damage to the crop
Available with a choice of bracket options



GRAIN PUSHER

Specialist attachment to aid the stockpiling of grain
Heavy-duty box section design provides strength and durability
Available with a choice of bracket options



SHOVEL

Grain/potato and rehandling versions available
 Rolled-back shell for easy material ejection
 Weld in toeplate to prolong shovel life
 Grain/potato version has round bar on leading edge to prevent damage to root crops
 Available with a choice of bracket options



MUCK FORK & GRAB

Available with power grab or round-top grab
 Available with standard, Kverneland or Hardox tines
 Supplied with tail hoses as standard
 Side tines for improved material retention
 Available with a choice of bracket options



SWEeper COLLECTOR

Combined steel and polypropylene brushes tackle most material
 Generous hopper with hydraulic discharge operated from cab
 Heavy-duty one-piece canopy
 Gutter brush and dust suppression sprinkler options



MULTISHOVEL

Combines a shovel and top grab to provide a multi-purpose attachment
 Substantial toeplate gives long-lasting protection to shovel
 Rolled-back shell for easy material ejection
 Removable side plates for handling awkward loads
 Available with a choice of bracket options



SHEAR GRAB

Specialist attachment for cutting grass and maize silage from the clamp
 Kverneland tines fitted as standard for extra strength
 Heavy-duty design for increased durability
 Available with a choice of bracket options



BALE SPIKE

Available in single- or twin-bale format for handling round bales up to 1.8m diameter
 Kverneland tines fitted as standard for extra strength
 Twin-spike version can also be used for handling large square bales
 Anti-rotation tine fitted as standard for improved stability
 Available with a choice of bracket options



BIG BALE TRIPLE GRAB

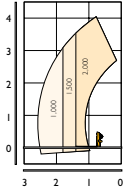
Easy handling of 3 x 800 bales or 2 x 1200 bales
 Curved tines penetrate and grip the bales without damage
 Hydraulically operated from the cab



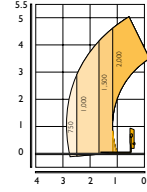
WRAPPED BALE CLAMP

Twin-roller design eliminates damage to the bale wrapping
 Removable rollers mounted on Kverneland tines allowing the attachment to be used as a twin-bale spike
 Free rotating rollers allow stacking of bales without the risk of damage
 Available with a choice of bracket options

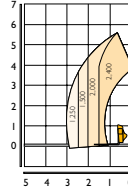
520-40 AGRI



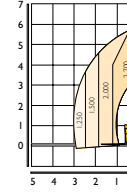
520-50 AGRI



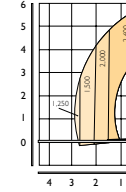
524-50 AGRI



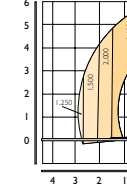
527-55 AGRI



526-56 AGRI

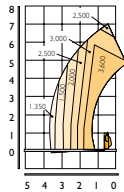


526-56 AGRI PLUS

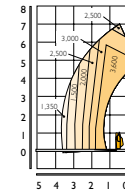


Maximum lift capacity	kg	2000	2000	2400	2700	2600	2600
Maximum lift height	mm	4035	5000	5300	5600	5600	5600
Maximum forward reach	mm	2590	2820	2900	3300	2950	2950
Gross power	hp (kW)	50 (37.5)	83 (61.5)	85 (63)	85 (63)	100 (74.2)	114 (85)
Maximum travel speed	kph	20	30	29	29	33 / 40	33 / 40
Operating weight	kg	4400	4870	5500	5650	6270	6270
Variflo hydraulics		-	-	-	-	-	-
JCB servo package		-	-	-	-	-	-

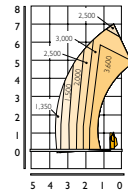
536-70 AGRI



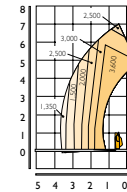
536-70 AGRI PLUS



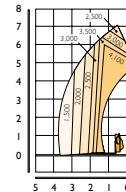
536-70 AGRI SUPER



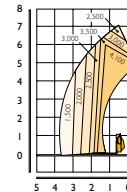
536-70 AGRI XTRA



541-70 AGRI








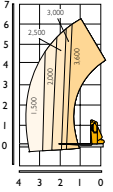
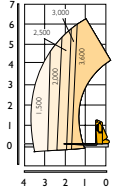
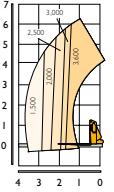
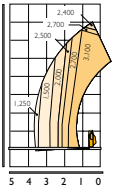
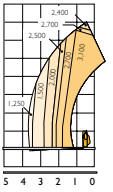
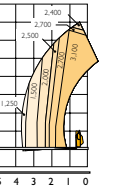
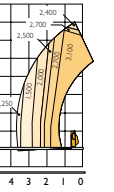


541-70 AGRI PLUS






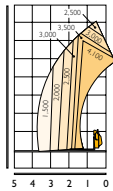
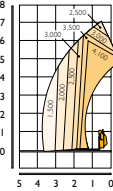
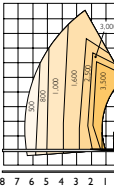
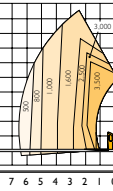
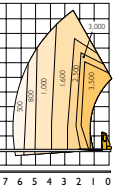


Maximum lift capacity	kg	3600	3600	3600	3600	4100	4100
Maximum lift height	mm	7000	7000	7000	7000	7000	7000
Maximum forward reach	mm	3700	3700	3700	3700	3700	3700
Gross power	hp (kW)	100 (74.2)	130 (97)	130 (97)	130 (97)	100 (74.2)	130 (97)
Maximum travel speed	kph	33	33	40	40	33	33
Operating weight	kg	7600	7800	7800	7800	7600	7800
Variflo hydraulics		-	Option	✓	✓	-	Option
JCB servo package		-	-	-	✓	-	-

536-60 AGRI 536-60 AGRI PLUS 536-60 AGRI SUPER 531-70 AGRI 531-70 AGRI PLUS 531-70 AGRI SUPER 531-70 AGRI XTRA

						
						
3600	3600	3600	3100	3100	3100	3100
6200	6200	6200	7000	7000	7000	7000
3300	3300	3300	3700	3700	3700	3700
100 (74.2)	130 (97)	130 (97)	100 (74.2)	130 (97)	130 (97)	130 (97)
33	33	40	33	33	40	40
7000	7200	7200	6900	7100	7100	7100
-	Option	✓	-	Option	✓	✓
-	-	-	-	-	-	✓

541-70 AGRI SUPER 541-70 AGRI XTRA 535-95 AGRI 535-95 AGRI PLUS 535-95 AGRI SUPER

				
				
4100	4100	3500	3500	3500
7000	7000	9500	9500	9500
3700	3700	6520	6520	6520
130 (97)	130 (97)	100 (74.2)	130 (97)	130 (97)
40	40	33	33	40
7800	7800	7820	8020	8020
✓	✓	-	Option	✓
-	✓	-	-	-

A few words about JCB

A groundbreaking, class-leading family business with a commitment to supporting our customers and protecting the environment



A family company on a global scale. JCB is no ordinary company. From the dreams of one man, Joseph Cyril Bamford, and our beginnings in agricultural machinery, we have grown into a major world brand. Since 1945, the same attention to detail, passion for progress and family spirit has taken us from strength to strength.

Nowadays JCB operates across all five continents, manufacturing at 17 factories in the UK, Brazil, Germany, China, North America and India. With 1,500 dealerships and depots selling and supporting our products in over 150 countries, we produce some of the most innovative and popular farm machinery, including the Fastrac and Loadall, at some of the finest engineering facilities in the world.

A history of world-class innovation. Our business has always been driven by innovation, using only the most advanced technology, components and processes, meticulous design and rigorous testing. Evidence of this doesn't come much more powerful than our revolutionary JCB Dieselmex engine. Having grabbed the headlines when it smashed the world land-speed record at 350.092mph (563.418kph), it is now providing our customers with tomorrow's performance today.



Sustainability in all we do. As a manufacturer of working machinery, operating in both established and emerging markets, we accept the challenge of helping to deliver economic and environmental sustainability.

Product innovations that provide the right solutions to our customers have been a vital part of our history and will be key to our sustainable future. But in addition to developing cleaner and more efficient machines, we have a commitment to ensuring our manufacturing facilities meet the highest environmental standards.

A commitment to our customers that goes on and on. That's a fact we remind ourselves of constantly, and it's the reason our customers are at the heart of everything we do. Whatever a customer needs, we make it our mission to provide world-class support and 100% satisfaction.

But legendary service is about more than just responsiveness. It's about anticipating new needs, offering solutions and exceeding expectations. With that in mind, we are always seeking out improvements that guarantee quality in everything from our products to our working practices.



The best back-up in the business

Whether we're providing you with support, parts or finance, we aim for 100% satisfaction. It's all part of our promise to put you, the customer, first



Wherever you are, we are. Our mission to provide world-class support and deliver 100% satisfaction reaches into more than 1,500 dealer depots, spanning 150 countries across five continents. The aim? To bring you global expertise at a local level. We truly believe no other manufacturer does more to understand the subtle differences between one region of the world and another. It's a degree of attention that we maintain at every level of the company and an assurance to our customers that wherever they are in the world, JCB will fulfil their needs.

Trust the genuine article. At the heart of the support network is our impressive World Parts Centre, a state-of-the-art facility operating 24/7 to dispatch more than a million genuine parts and attachments every week to our dealers and international distribution centres. Because we understand the need to minimise downtime, we utilise the latest logistics and warehouse management systems and have committed to an 'Anywhere in 24 hours' strategy.

Keeping you up and running. Just as important as genuine JCB parts are the people who fit and maintain them. Our JCB-trained technicians in all of those 1,500-plus dealer depots provide excellent, expert customer care, whether it's routine servicing or something more urgent. If there is an emergency breakdown situation, we need to act fast. This is why all our dealers operate their own fleets of support vehicles, enabling parts to be delivered quickly and fitted expertly, and fulfilling our promise to keep our customers working.

Advanced technology. At JCB, we are constantly looking at new, innovative ways to help you get the most out of your machine. Our latest development is JCB LiveLink, an advanced telematics system using satellite and cellular technology that enables you to better protect your machine and accurately monitor and improve its performance. Using JCB LiveLink

can benefit your business in many ways, from increasing the security of your machines to improving fleet utilisation. It can also enable your JCB dealer to view your machine and guarantee timely servicing of your fleet, improving uptime.

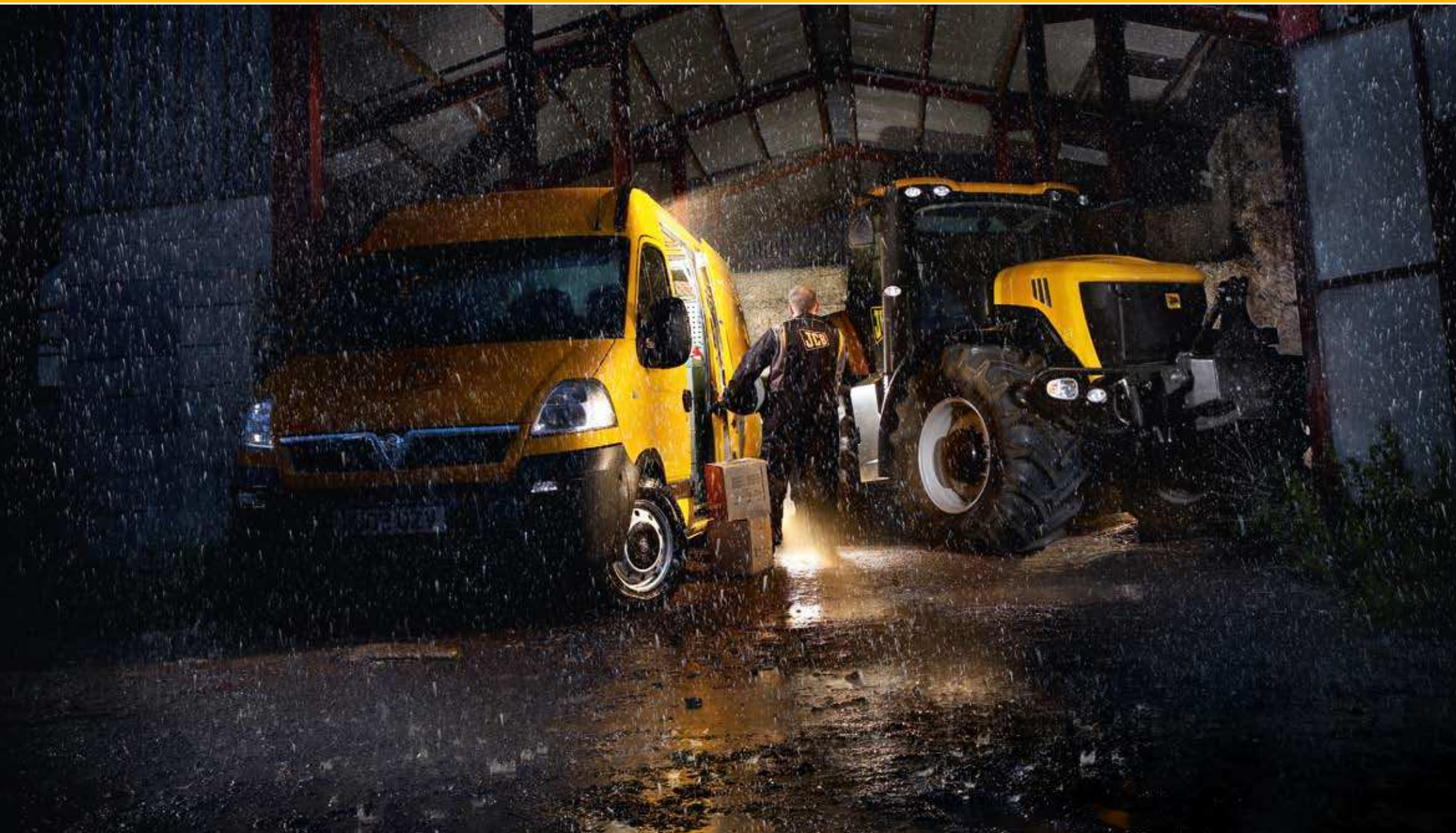


Maximising earning potential. We grow as our customers grow. That's why, at JCB, we are committed to offering expert financial advice and support to help customers maximise their earning potential.

Finance options* are available for new and used machinery, all part of our dedication to helping customers preserve their working capital while spreading costs in the most effective and tax-efficient way.

And as well as financial help, we are also happy to offer JCB Insurance.* We specialise in construction and industrial insurance and in offering Insurance Premium Finance facilities.

** Please check individual countries for available services.*





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

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