



**FASTRAC** | 3230 XTRA

Max power: 230hp (172kW) Max Speed 43mph, ABS brakes





**Ultimate Versatility.  
On the road and in the field.**

## 3230 XTRA FASTRAC



Since we started production in 1991, the JCB Fastrac has continually evolved to meet customer demands, while still remaining true to its original principles. First, full front and rear suspension, the Fastrac is still the only tractor to offer this, giving improved comfort and traction with no need to add dead weight. Second, external disc brakes that dramatically outperform oil-immersed brakes on conventional tractors.

And third, full chassis construction which means, unlike on a conventional tractor, the engine and transmission are not stressed, load-bearing components. Added all together, the Fastrac 3230 gives you superb performance and maneuverability in the field, high travel speeds, responsive steering and controlled stopping in any conditions, plus outstanding operator comfort. One of the most productive farming solutions available today.



**A luxurious and relaxing driving experience.**

**01 Mid-mounted cab**

provide the driver with a smoother ride, better forward visibility

**02 Self-leveling rear suspension**

maintains constant ride height

**03 All-round suspension with integrated chassis**

irons out bumps, smoother ride

**04 Anti-sway bars**

improved handling, safety and stability

**05 Full width cab**

spacious with lots of storage

**06 Air suspension seat and full-sized passenger seat**

ultimate comfort

**07 High performance air conditioning**

cool and comfortable

**08 Large glass area and an advanced Xenon lighting package**

incredible visibility, into the night

**09 Ergonomic, intuitive control layout**

easy to use

**10 Control panel and full-color touchscreen**

conveniently close to hand

**11 Headland Turn Assist**

easy to set up, effortless control of tractor functions

**12 Xtra Drive**

simply use the brake pedal to start and stop

**13 Hill hold function with engine load auto brake release**

effortless driving

**14 Low level in-cab noise**

comfortable environment

When the hours are as long and hard as they are in agriculture, comfort is a necessity, not a luxury. Behind the wheel, you need to feel fresh, relaxed and as stress-free as possible if you are to stay productive and efficient during the busiest seasons.

This means investing in a comfortable environment, a smoother ride that reduces operator fatigue, a healthy atmosphere with reduced noise and vibration, and an intuitive layout that makes controlling the immense potential of the 3230 Xtra second nature.

# The ultimate smooth ride

Because a comfortable operator is a productive operator

**The JCB Fastrac was the world's first farm tractor with full front and rear suspension.**

**Today, JCB's unique, ride-smoothing suspension continues to offer the ultimate in operator comfort.**

**In the field, the triple-link suspension with integrated chassis irons out bumps and jolts, as well as reducing compaction and increasing traction, giving the operator the smoothest ride in the industry. On the road, the driver has more control and comfort for enhanced safety at high speeds.**

**Ride comfort is enhanced even further by the positioning of the cab, which results in less movement for the smoothest ride**

**It is no wonder that Fastrac 3230 operators remain relaxed and productive throughout even the longest working days.**

## The 3230 Xtra advantage

- Unsurpassed operator comfort
- Smoother ride with fewer bumps and jolts
- Reduced fatigue, more productive operators
- Less compaction, more traction in field
- Safer, more controlled performance on the road
- Ideal working temperature and conditions



The 3230 Xtra Fastrac features a unique system which ensures the machine always has optimum suspension travel. This is the case even at high speeds, with any additional amount of weight placed on the machine, when spraying with a demount sprayer or when cultivating with very little load. You still get the same incredibly smooth, comfortable ride.

At the front, a triple-rate suspension system comprised of three different spring sets, gives superb handling for enhanced comfort and driver confidence.

### Fastrac 3230 Xtra saves you money

All-round suspension results in a reduction in tire wear and more efficient application of power, giving you lower ownership costs... and that's got to be good for business.

### All-round suspension also offers serious performance benefits

For more information please see full front and rear suspension.



### Revolutionary cab positioning

Cabs positioned over rear wheels see much greater movement so the driver feels every bump and pot hole. Fastrac cabs are positioned towards the middle of the machine to give a smoother ride.



## Comfort and safety

No one pays more attention to operator comfort and safety



**Good design is about more than good looks. It's about ensuring every single component performs to the best of its ability. The Fastrac full suspension, integrated chassis and cab positioning are prime examples of how JCB pays attention to the fine detail to give that extra level of comfort.**

**The 3230 Xtra cab features an incredibly comfortable air-suspension seat, lots of legroom and space for storing equipment and essentials. Additional luxuries include heated air suspension seat and mobile phone charge point.**

**The cab is also designed to provide astonishing visibility, enhanced by a new fender design that gives greater wheel coverage for reduced spray. The optional advanced Xenon lighting package replicates daylight and allows all lights to be used simultaneously, prolonging the working day with little risk of driver fatigue.**

### Seating

Air-suspension seat is incredibly comfortable

Full-size buddy seat ensures passenger comfort, unique to JCB

### Luxuries

Mobile phone charge point

Additional options include:

- heated driver's seat

### Mirrors

Large wide-view mirrors

Additional options include:

- twin electric mirrors
- twin electric heated mirrors

### The 3230 Xtra advantage

- Ultimate operator comfort
- Low level in-cab noise
- Plenty of room to store tools and equipment
- Storage for personal items
- Additional luxuries to make life easier
- Envious visibility for safety and control
- Potential to extend working into the night



# Ergonomic, easy-to-use controls

You're in instant charge of your machine and environment

**Building upon the productivity-enhancing benefits of operator comfort is an ergonomic cab layout. This also helps to ensure the driver experience is as relaxed as possible while giving complete command of the 3230 Xtras' huge performance potential.**

**Physically, the cab has been designed to reduce repetitive reaching, twisting and stretching which can take their toll and notch up fatigue levels during long working days. So all the controls are grouped conveniently, close to hand.**

**Mental stress is reduced by the intuitive layout, with controls that are extremely easy to get to grips with and much of the machine set up and status controlled from the full-color, seat-mounted touchscreen. Plus, key operations such as gearshifts are automated with the optional field performance package. All this means operation soon becomes like second nature, leaving the operator free to concentrate on the external environment and the job in hand.**



## Simple-to-use air conditioning panel

Intelligent ducting improves airflow and de-misting performance, while better heat isolation between cab and engine bay results in a cooler operator environment.

## Simple touchscreen puts you in control, with no need to read a 1000-page manual

The full-color touchscreen features a simple, extremely easy to use layout.

The touchscreen also puts you in control of transmission modes (see P-TRONIC transmission) and Headland Turn Assist; for more information please see overpage.



## Touchscreen control for machine status

- PTOs when running and PTO RPM
- PTO gear selected
- Active spool valves
- Headland Turn Assist sequence and next function to be activated
- Difflocks and 4WD (flashes if inactive)
- Linkage control and draft control movement
- Selected direction



## Touchscreen control for machine setup

- PTO cut outs front/rear
- Difflock cut-outs
- Display setup
- Area cut-outs
- Programmable joystick buttons set up
- Spool valve time and flow set up
- Headland Turn Assist set up menu
- Worklight set up menu
- Service access
- GPS integration

## Ergonomic and intuitive control layout

- 01 Seat-mounted control panel keeps all operations conveniently close to hand
- 02 Controls are grouped logically for ease of access, not spread out around the cab
- 03 Joystick transmission control features buttons programmable via touchscreen
- 04 Dashboard gives excellent visibility and shows vital machine functions:
  - wheelslip
  - area meter
  - fuel
  - speed
  - engine rpm



# Innovation in action

## Headland Turn Assist



**JCB Headland Turn Assist has been developed to save valuable time by making it easier for the operator to control tractor and implement at the end of the field. At the press of one button, headland turns are efficiently handled leaving the driver free to focus on the in-field task.**

Headland Turn Assist is accessible via the touchscreen and is easily programmable while stationary, so even less skilled operators can use it. The system offers the following:

- Ability to program a sequence of up to 15 tractor operations to be performed at the touch of a single button
- Ability to store up to 5 of the above sequences for different operations
- Single-button activation with a button on the joystick
- Simple selection of functions: just press the function required on the touchscreen menu; no confusion with trying to record a number of tasks
- Ability to insert, modify or delete functions, even during operation, for maximum flexibility
- Ability to link functions together with a timing feature or to step through the process with a single button press
- Option to pause, restart and skip through sequence if necessary
- Part of the field performance package – also includes radar for more accurate speed measurements





**Incredible productivity**  
**A serious performer in every environment**

**01 SISU Tier 4 Final 7.4-liter engine**

fuel efficiency, reliability, low service intervals, low noise

**02 Common rail fuel injection**

power when you need it, fuel efficiency

**03 3230 Xtra P-TRONIC transmission**

optimum performance on road and in field

**04 Class-leading hydraulic flows**

faster cycle times

**05 Large external disc brakes**

excellent cooling, fade-free braking, simple service access

**06 All-round suspension**

more traction, more power to the ground, no power hop

**07 High capacity Bosch Hitchtronic rear linkage**

lifts the largest implements with ease

**08 New chassis design**

minimizes driveline stresses, increases maneuverability

**09 Perfect weight distribution**

better traction, better application of power, reduced tire wear

**10 ABS with proportional brake control**

smooth, controlled stopping

**11 JCB front and rear axles**

handle more torque

**12 Dynamic axle mounting system**

isolates implements from jolts, prolongs implement life

**13 Mechanical steering system with power assistance and GPS autosteer preparation**

responsive, fail-safe steering with GPS in-field to ensure every inch of soil is used

**14 Traction Assist**

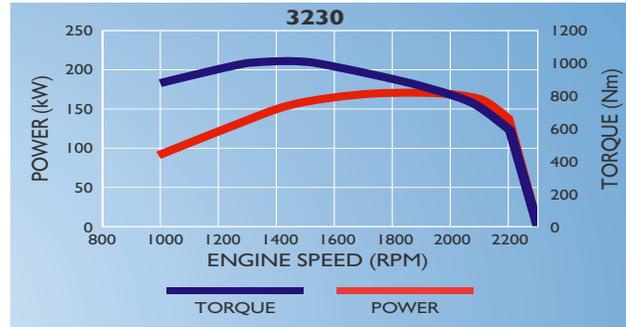
greater grip and stability on the road

The 3230 Xtra is a serious performer in the field. Perfect weight distribution, full suspension and high performance tire options provide the optimum traction that's hard to get in a conventional tractor. Plus, these tractors are reliable, durable, powerful and fuel efficient.

But productivity is as much about road travel as it is about in-field performance. And with up to 43 mph travel and the ease of handling of a pick up truck, you can get where you need to be faster, saving valuable time.

# Power and torque

These tractors give you the extra punch when you need it



**The 3230 Xtra features a Sisu 7.4-liter, 6-cylinder, Tier 4 Final compliant engine that operates at low revs for: reduced fuel consumption and maximum returns; low noise levels; and no compromise on power and torque, so you can overcome even the most challenging obstacles with no break in productivity.**

**The result is a machine that is kind to the environment and to your wallet, supplying exactly the right level of power to keep running costs low for enhanced profitability. It also increases your output, with the ability to power even the largest implements and perform in the toughest conditions. Put simply, the 3230 Xtra enables you to do more for less.**

## User-selectable transport boost

Gives the operator up to 40hp more in gears D4, D5 & D6 for faster acceleration, maintained forward speed on hilly ground and faster cycle times.

## Common rail fuel injection

Can operate at pressures of up to 2,000 bar and uses electronics to time the exact injection of the fuel, resulting in improved engine performance and fuel efficiency.

## Electronic management system

Continuously monitors engine performance to help increase service life; optimizes engine performance; integrates seamlessly with transmission control; and removes the need for cables, reducing dust and noise ingress into the cab.

## Cyclonic pre-cleaner

Uses centrifugal force to remove large dust particles before they enter the filter element, helping to reduce routine maintenance and improve efficiency.

## Sisu 7.4-liter engine

- Tier 4 Final
- 4 valve per cylinder technology
- Air-to-air cooling
- 500-hour engine oil and filter renewal
- Built-in fuel efficiency, reliability and durability

## Efficient technology

The new 3230 Xtra uses SCR (Selective Catalytic Reduction) technology to achieve Tier 4 Final compliance. SCR uses DEF, a urea-based solution, injected into the exhaust gas to drastically reduce NOx and particulates. This helps to protect the environment, reduce input costs and lower fuel consumption - **resulting in fuel savings**. By separating engine timing and exhaust after-treatment, SCR also optimizes combustion.



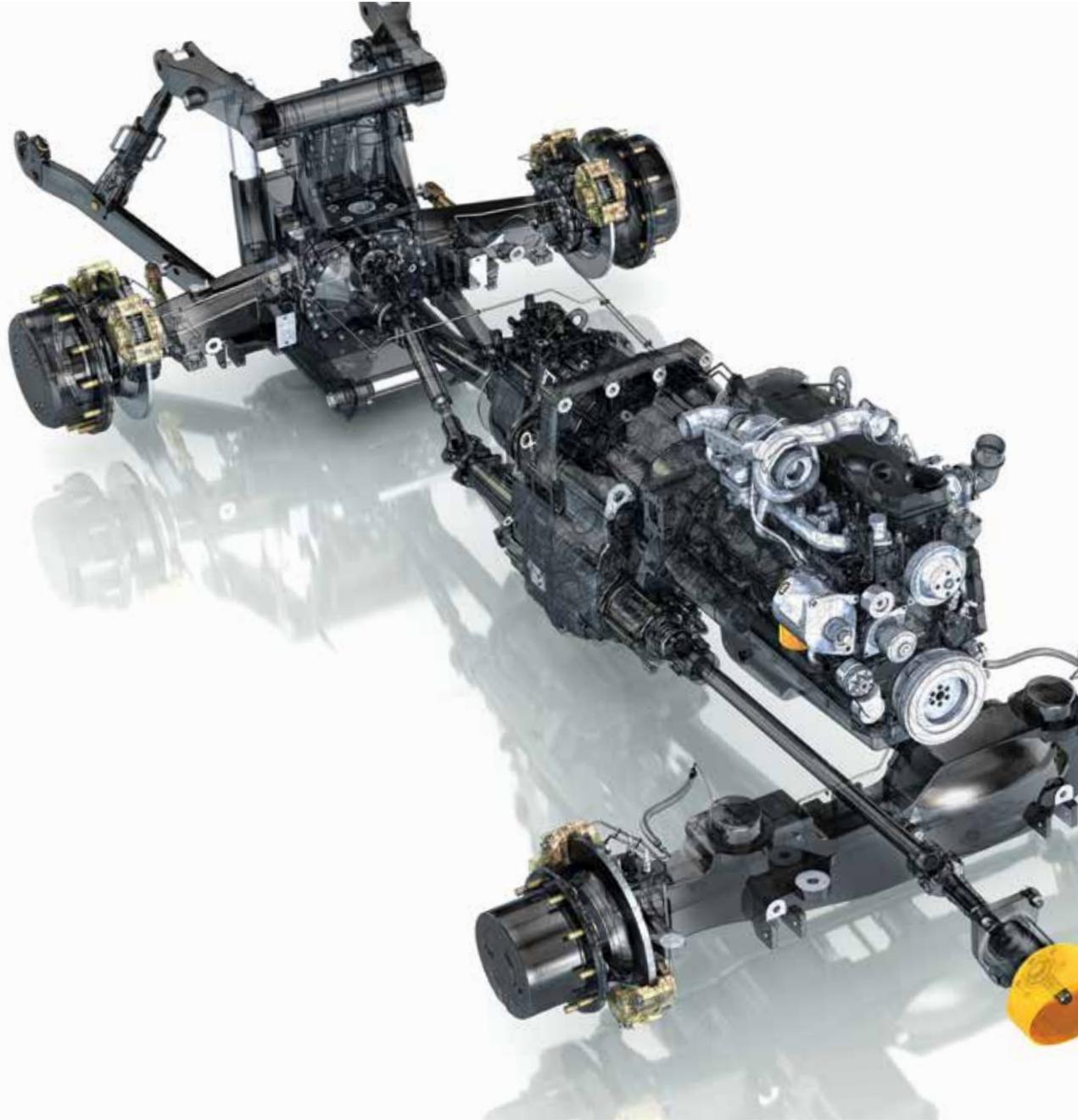
## P-TRONIC transmission

More gear choices for in-field flexibility, with effortless roading

Designed with 'no compromise' in mind, the superb P-TRONIC transmission gives you the best of both worlds. In the field, the broad range of working gears means you always have the right gear for the job, enabling you to achieve the most efficient, productive performance. While on the road, the machine drives like a pick up truck with speeds of up to 43mph (70kph). In addition, Hill Hold gives effortless start/stop on an incline.

Optimum performance for each job is accomplished effortlessly through selection, via the full-color, easy-to-use touchscreen, of three transmission modes.

Integral to the transmission are the JCB front and rear axles. Specifically developed for the task, they are engineered to handle increased power and torque with more efficiency and strength.





**3 transmission modes for optimum performance**

Simply use the full-color touchscreen to select between:

**Powershift** – full manual control using the seat-mounted joystick to shift up and down gears and ranges.

**Autoshift** – simply set the required gears and the tractor automatically shifts up or down depending on conditions and engine load, maximizing fuel economy and productivity.

**Drive** – in C & D range, engine load, speed, transmission status and position of the foot pedal are constantly assessed and the highest gear is automatically selected for optimum fuel economy, if the system senses you need more power, by the position of the throttle, it automatically changes down 1 gear or 2.

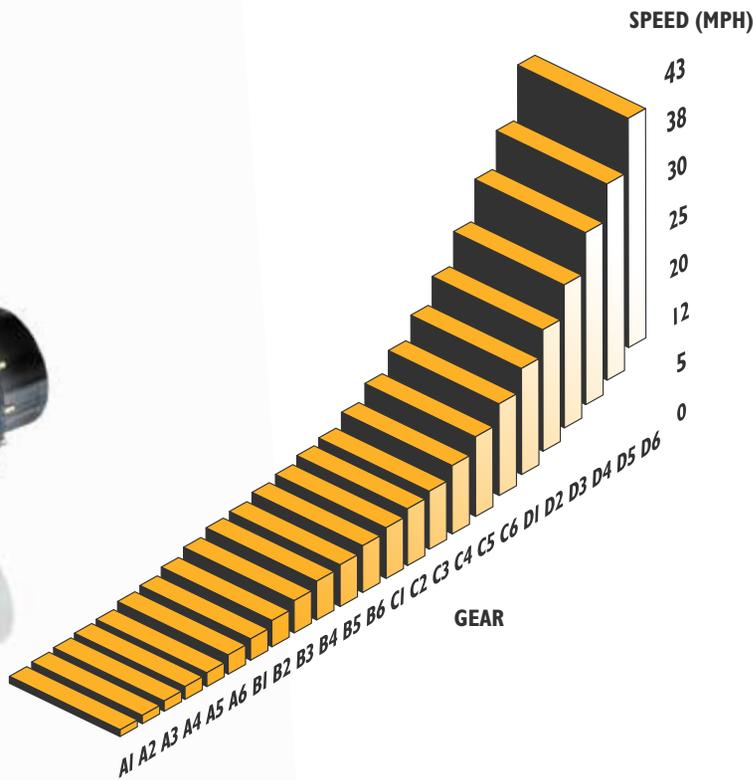
**Xtra-Drive** – the tractor controls the clutch: simply use the brake pedal to start and stop, great when driving in traffic

**Focus on technology**

CAN-BUS technology communicates between engine and transmission to allow the tractor to select the most appropriate gear for the engine load and application. Provides maximum efficiency for improved economy, with low operator effort

**The P-TRONIC advantage**

- 24-speed semi-powershift transmission, up to 43MPH (70KPh)
- Hill Hold allows effortless stop/start on inclines
- Oil-immersed wet clutch gives clutchless gear changes
- Reduced gear and range change times mean faster, sportier shifts
- Range changes made at the touch of a button, or automatically on the road
- Compact gearbox reduces weight and saves space
- Super-finished gears minimize friction and minimize efficiency

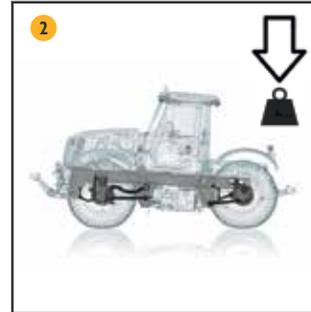


# Full front and rear suspension

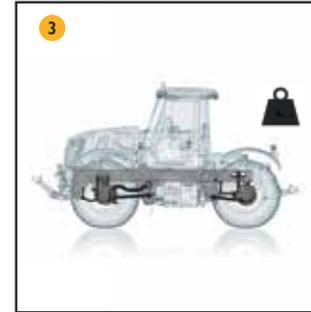
The ultimate ride comfort, traction and implement efficiency



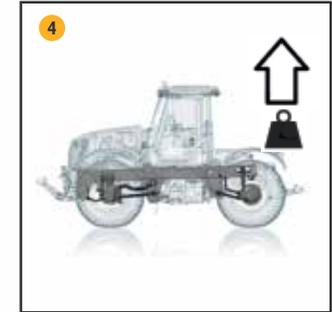
No weight



Weight added



Weight adjusted level



Weight removed

All-round suspension offers some serious performance benefits in the field and on the road.

**1. Reduced compaction and increased traction, with no need to add dead weight, in tough field conditions.**

**2. Smoother ride improves operator and implement efficiency.**

**3. Increased safety and control at higher speeds on highways.**

**Added all together you have a tractor that doesn't compromise. It's faster to get to the job and it's faster to get the job done. The result? Greater productivity.**

## Technology in action

When lifting heavy implements the suspension adjusts to the height of the implement, maintaining optimum ride height. Giving better weight distribution for maximum traction and minimum compaction.

## How it works...

Maintaining constant ride height with self-leveling rear suspension

As weight is applied to the rear:

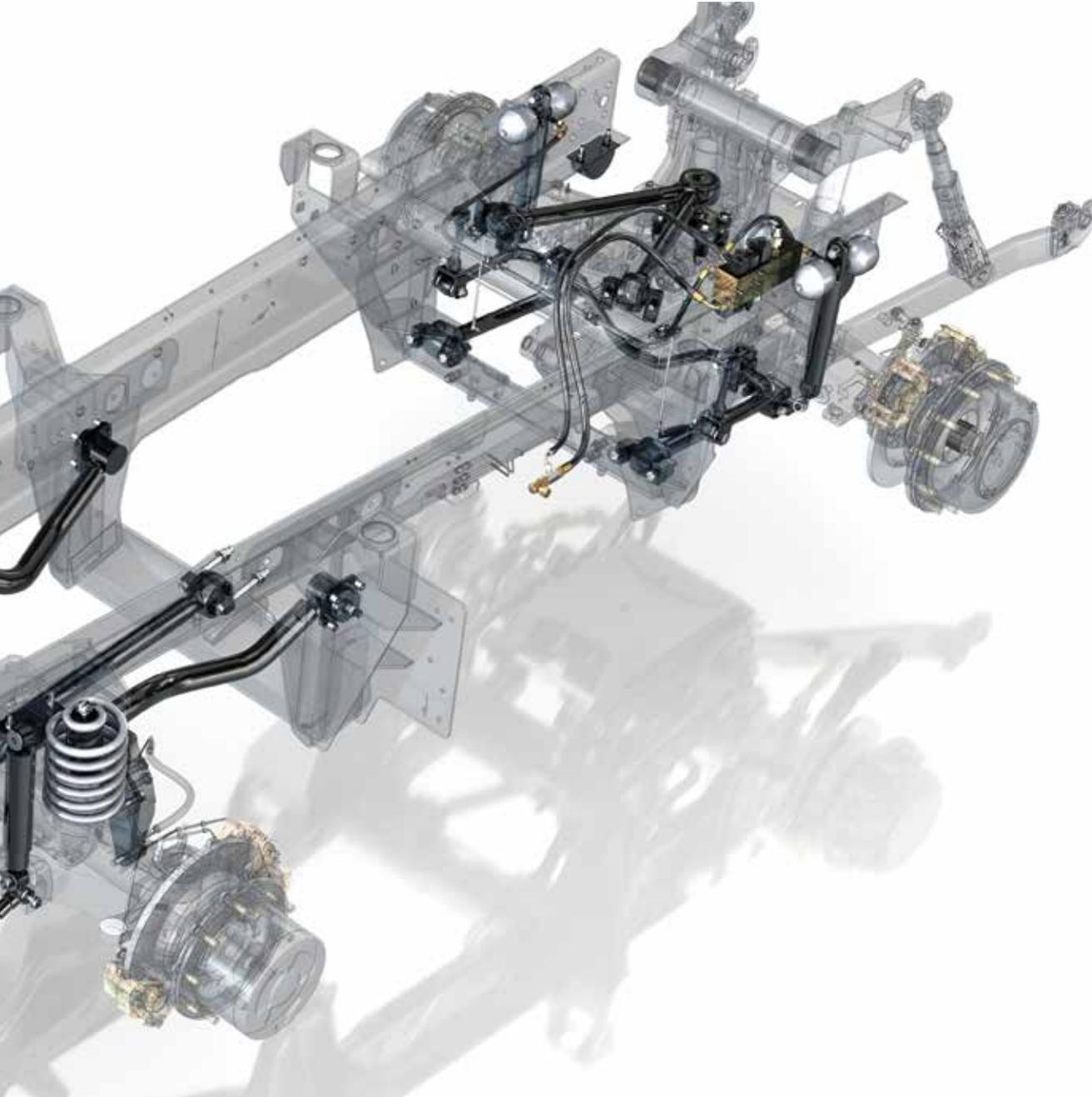
- the chassis is lowered in relation to the rear axle (fig 2)
- the ride height corrector valves allow oil to flow in
- this pressurizes the hydraulic cylinders which:

- a) steadily restores original ride height (fig 3)
- b) increases suspension stiffness to accommodate the extra weight

As weight is removed:

- sensors detect the change in height (fig 4)
- ride height corrector valves are displaced in the opposite direction
- this restores ride height to the pre-set level (fig 1)





## Traction Assist

### **Traction Assist**

This new traction control system improves grip and stability on the road by controlling the brakes and engine to direct power to the wheels with the most grip, resulting in lower running costs due to reduced tire wear.

### **Chassis design**

The 3230 Xtra Fastrac features a new chassis designed to cope with stress without excessive weight. This makes it better suited to carrying implements on a number of mounting points than a more conventional, stressed heavy-casting design. The new design, along with new hydraulic pipework, also increases visibility to the front of the machine and improves maneuverability with a tighter turning radius.

### **All-round suspension**

The triple-link suspension ensures unrivalled driver comfort and automatic load leveling. The wheels follow ground conditions and eliminate power hop, maintaining traction and increased pulling power.

# Maneuverable in the field

Responsive steering and  
safe stopping on the road



## Anti-lock braking system (ABS). Proven truck technology that has been adapted for tractors

With typical JCB innovative thinking, we applied ourselves to the problems of fitting ABS to an agricultural tractor by adapting proven truck technology:

1. New response times to compensate for larger diameter wheels.
2. 4-sensor, 3 modulator system for constant monitoring of all wheels and independent control of the rear wheels, giving confidence and control during braking.
3. Proportional control for smoother, more controlled braking.
4. 12-volt trailer ABS supply socket, provides a power supply to a trailer ABS system that works independently of the tractor's system.

Please note: without a dedicated supply some agricultural trailers take the ABS power supply direct from the standard 7-pin trailer lighting socket. Very often this can overload the wiring system.

## The 3230 Xtra advantage

- High-speed precision, minimum driver effort
- Fail-safe steering system
- Responsive headland turning
- Powerful, controlled fail safe braking
- Additional ABS safety, control and directional stability

## Mechanical steering system with power assistance

**Safe** – mechanical link steering continues to provide steering at all times.

**Responsive** – system gives better feedback to the driver when travelling on the road at high speed. Power assistance allows steering to be controlled with a light touch.

## Stay safe, controlled and stable

- Large external disc brakes on each wheel offer excellent cooling and fade-free braking
- Air-over hydraulic systems are split between front and rear axles for added safety
- Greater braking power on the front axle (like on a car) gives full control even in an emergency
- Twin calliper system provides phenomenal stopping power
- Independent parking brake and full trailer braking equipment as standard
- System meets semi truck standards



**The best tractor offers responsive turning on the road as well as effortless control at the headland.**

**On the road, power-assisted steering comes into play with precise control from a light touch. But the system is also designed for safety, with the back-up of a mechanical link steering system to maintain control at all times.**

**Also with an eye on road safety – critical when you reach the high speeds of the Fastrac – is the new proportional controlled ABS braking system. This system gives you additional directional stability in the field, when working on grass or stubble, as well as loose surfaces such as dirt and gravel. Plus, a new chassis design with a reduced turning radius means faster headland turns for more work in a day.**



# GPS autosteer

**The 3230 Xtras GPS 'ready' system has the ability to reduce inputs and increase efficiency by as much as 10%. Every inch of the field is used, reducing waste and ensuring you get more out of the land; operating costs are lowered with less seed, fertiliser, pesticide and fuel used per task; and operation is easier, requiring less concentration for reduced fatigue and man hours.**

**The combined result is an already high-performance machine made even more productive than you ever thought possible.**



## Increased efficiency and productivity

**Greater area coverage** – achieved through consistent use of the full working width of machine and implement

**More efficient working pattern** – ensuring you get the maximum productivity from every square inch of land

**True precision** – with no overlaps and no misses

**Total accuracy** – thanks to the full suspension system reducing GPS receiver movement on bumpy ground

**Fast, accurate lock-on to way lines** – thanks to the rear GPS receiver mounting position



## Efficient technology

NEW GPS 'ready' system can reduce inputs and increase efficiency by up to 10%.

For machine safety, when GPS is not required - ie, on the road - patented JCB technology allows the tractor to revert to mechanical link steering which allows safe control at high speed.

## Reduced operating costs

**Less wastage** – thanks to greater accuracy and precision, resulting in lower costs for seed, fertiliser, pesticide, fuel and man hours

**Reduced working width and overlaps** – research proves overlap to be bigger without GPS resulting in increased diesel, machine, fertiliser and input costs

**More operator productivity** – thanks to a system that requires less concentration, reducing fatigue and extending the working day

## Simple, precise control

**Integrated system** – is easy to activate leaving the operator free to concentrate on the implements and the task in hand, rather than on driving in a straight line and minimizing overlap

**Fast, precise, sensitive steering corrections** – via the patented proportional steering valve with feedback to the driver

**Easy to use** – allowing even novice operators to achieve high productivity levels

**Easily overridden** – when necessary by moving the steering wheel to regain manual control



## 50:50 weight distribution

Better traction, reduced wear, improved efficiency and implement handling

**The 3230 Xtra achieves perfect weight distribution, spreading the load for better traction and effective transmission of power, reduced tire wear and even more efficient, productive performance. It also results in better weight transfer with mounted implements for excellent stability and control.**

**The 3230 Xtra features high-speed tires which can carry more at lower pressures. So, during cultivation the machine weight provides traction, whilst lowering the tire pressures means there's no compaction. Larger tire options for less compaction resulting in lower fuel usage and greater yields.**

**The perfect weight distribution of 3230 Xtra lessens the need for ballasting, but we have also ensured there is still the capability for additional performance ballasting to support the largest of implements.**

### The 3230 Xtra advantage

Perfect weight distribution gives:

- Better traction
- Reduced tire wear
- More efficient use of power

High-speed tyres results in:

- Lower ground bearing pressure
- Higher load capacity

Optional larger tires result in:

- Reduced compaction
- Lower fuel consumption
- Greater yields



### Improved implement handling

Perfect weight distribution results in a smoother action, improving implement handling. This is enhanced even further by the Fastrac's all-round suspension which, thanks to rubber bushes within the suspension links, allows the rear axle to rotate forwards and backwards giving implement cushioning; minimizing jolts for the operator and implement. Cushioning also prolongs the life of the implement, gives greater stability when travelling at speed and results in better wheel compliance for the front axle for greater stability and control.

As the rear trailer hitch is fitted to the rear axle, it provides trailer hitch damping in a similar way. The rear 3-point hitch also features hitch dampening, working in harmony with the suspension system and further cushioning the ride for the implement.



# Xtra versatility

## The perfect hydraulic flow and connection for every implement

**Everything about the 3230 Xtra is designed to help you get the in-field job done faster and more efficiently.**

**So, via the easy-to-use touchscreen, we put you in instant control of class-leading hydraulics for high flow and quicker cycle times. And whatever implement you need to use, we ensure quick and easy connection, using the fender-mounted buttons. Operating implements is also extremely accurate thanks to digital sensing on the rear linkage along with optional wheel slip control, and electronic front linkage controls.**

**To protect the hydraulics, the system is segregated, avoiding contamination from the driveline, while auxiliary hydraulic oil is carefully filtered, keeping the system clean and preventing damage to hydraulic components.**

### Power and precise control when you need them

- Load-sensing variable displacement auxiliary hydraulic pump features maximum flow of 35gpm (132l/min)
- Big capacity, flow-on-demand hydraulics give 26.5gpm (100l/min) maximum outputs per valve
- Optional load-sensing power beyond connection saves fuel and wear, and prevents excessive heat generation in the hydraulic system
- Electronically controlled spool valves let you adjust time and flow for automatic control of implements
- Further hydraulic pumps provide oil for transmission, steering, PTOs and difflocks to avoid damage or contamination

### Rear linkage

- Proven Bosch Hitchtronic system helps maintain precise control of implement height, depth, lowering speed and general response
- Wheel slip control is available with the optional performance monitor to help achieve maximum productivity in tough conditions
- High capacity 15432lb (7000kg)
- Dynamic axle mounting system ensures implements are isolated from jolts that can limit speed

### Front linkage

- Category 2 electronic front linkage gives both single and double acting operation at the flick of a switch, as well as height, depth and linkage operating speed controls
- Optional 7710lb (3500kg) front implement, chassis-mounted linkage systems

### The 3230 Xtra advantage

- Class-leading flows for faster cycle times
- Quick implement connect
- Fine control of implements
- Load-sensing system saves fuel and wear







**The 3230 Xtra advantage.  
Ultimate Versatility.**

### **Productivity**

Transport boost for more power at speed  
Optimum performance in any application, automatically  
Relaxed, comfortable operators get more done in a day  
Faster cycle times  
More responsive and maneuverable in the field  
Much quicker travel on road between fields  
More accurate implement handling  
GPS 'ready' for reduced fatigue and a longer working day

### **Safer, more comfortable**

Fade-free, proportional control ABS braking  
Continued steering in the event of engine failure  
Improved handling and stability  
Controlled, more powerful braking for higher speeds  
Superb all-round visibility, day and night  
Smooth ride and superb in-cab comfort  
Exceptionally low engine noise and vibration  
Traction Assist for added grip and control on the road

### **More efficient**

Maximum traction, minimum compaction  
Power supplied when needed, fuel saved when you don't  
Reduced tires wear  
Implement is cushioned to prolong life  
Simple, low-effort maneuvers with Headland Turn Assist  
Improved turning circle for greater maneuverability  
No power hop  
Optimum ride height maintained

### **Easier to use**

Ergonomic and intuitive  
Easy to get to grips with via touchscreen  
Complicated maneuvers are simplified  
Reduced operator reaching, twisting and stretching  
Xtra Drive for clutchless start stop  
Hill hold for effortless start/stop on inclines

# History of reliability

A commitment to excellence for dependable performance



Original prototype 1991



185 Fastrac – 1994



3155/3185 Fastrac – 1998



3190/3220 – 2002

**The 3230 Xtra builds on the principle of solid reliability that has always been the watchword of Fastracs since we introduced them in 1991. Our machines provide productive performance in some of the world's most arduous conditions, some with in excess of 30,000 hours on the clock. A true testament to the build quality and durability of these incredible machines.**

**In addition, and in keeping with JCB's commitment to constant innovation, over many years of research and development we have always retained the best machine features whilst adding technological advances that mean our machines keep on getting better and better.**

## Fastrac history

- 1991 – Production of 100 Series Fastracs begins
- 1995 – Production of smaller 30mph 1100 Series Fastrac begins
- 1996 – Quadtronic 4WS introduced
- 1998 - Fastrac 2000/3000 Series replace 1100/100
- 2000 - Smoothshift oil-immersed wet clutch introduced
- 2001 - ABS braking available
- 2005 - Fastrac 8250 launched with 8.3-liter Cummins engine
- 2006 - Fastrac 3200 and 3230 launched with 6.7-liter Cummins engine
- 2007 - Fastrac 2155 and 2170 launched
- 2008 - Fastrac 7000 Series launched
- 2010 - Fastrac 3230 Xtra launched
- 2011 - Fastrac 8000 Series launched
- 2011 - Tier 4 interim 3230 Xtra launched
- 2014 - Tier 4 Final 3230 Xtra launched

## Meticulous quality control of every machine

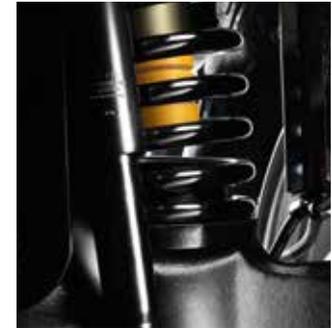
Thorough checks, conducted throughout the entire build process, are complemented by:

- Dynamometer testing of every machine to verify engine performance
- Gruelling hot test analysing the whole machine including engine, transmission, hydraulics and brakes
- Intensive PDI process ensures impeccable quality control



## Built for the real world

These machines won't let you down



**Conditions do not come much more rougher and tougher than in agriculture, so you need a machine that can cope; a machine that will continue giving you superb service, season after season.**

**The 3230 Xtra is not just constructed for a smooth operator ride. Ironing out those bumps and jolts also means there's less stress on the machine and implements for a longer life. And on the subject of durability, with JCB's reputation for leading build quality you know these machines are going to last and last.**

**We have also ensured that maintenance on the 3230 Xtra can be carried out as quickly, safely and efficiently as possible, with simple access to every component and area for daily checks, and long service intervals. Throw JCB's industry leading customer support into the mix and you have machines that just keep on giving.**

- Separate hydraulic system for auxiliary, eliminates risk of oil contamination.
- Layout of cooling elements allows access to each section for quick, efficient removal of debris.
- New cooling pack and on-board compressor ensure easy regular cleaning for maximum efficiency.
- Donaldson Powercore system uses centrifugal force to remove large dust particles before they enter the filter element, helping to reduce routine maintenance.
- Electronic Monitoring System continuously monitors engine performance to increase service life.
- Engine oil and filters are renewed every 500 hours.
- New lightweight hood featuring superior sealing and side panels gives better access and reduced dust ingress.
- Top-end engine maintenance is only required every 5,000 hours.
- Full chassis construction means that unlike conventional tractors, the engine and transmission are not stressed, load-bearing components.
- New panniers make daily checks more accessible.
- New ball trailer hitch options available.
- Heavy-duty front suspension is extremely robust.
- Outboard disc brakes are easier to service.
- Daily service requirements are all quickly and easily accessible.
- Diesel Exhaust Fluid and fuel fillers are conveniently located at ground level.







## JCB expertise

### The best back-up in the business

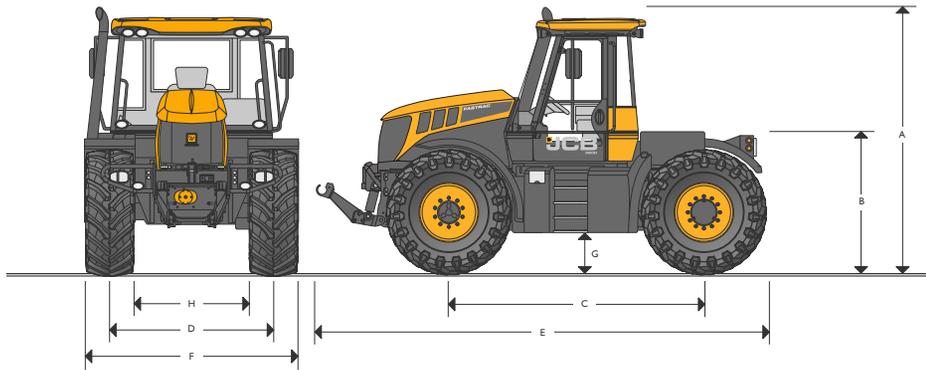
JCB is renowned for providing legendary customer support. Our dealers are all specialists in agriculture so they know exactly what they're talking about. And of course, they're committed to ensuring that your 3230 Xtra completely fulfills its potential, ensuring you maximum uptime for optimum productivity.

At the heart of our support network is the JCB World Parts Center, a state-of-the-art facility operating 24/7 to dispatch more than a million genuine JCB parts and attachments every week to our dealers and distribution centers: ensuring we are there when you need us.

Just as important as genuine JCB parts are the people who fit and maintain them. Our JCB-trained technicians in all of our dealerships provide excellent, expert customer care, whether it's routine servicing or something more urgent.

It's all part of our commitment to putting the customer at the heart of our business.

FULLY SUSPENDED WITH 4-WHEEL ABS DISC BRAKING. JCB P-TRONIC TRANSMISSION.



### STATIC DIMENSIONS

Tires	540/65R34
	<b>ft-in (m)</b>
A Height to exhaust	10-6 (3.21)
Height to deck	5-2 (1.59)
C Wheelbase	10-0 (3.06)
D Track width	6-8 (2.01)
E Overall length	17-1 (5.20)
F Overall width	8-3 (2.52)
G Ground clearance	1-5 (0.45)
H Width between tires	15 (57)

### SUSPENSION

**Front:** Coil spring and damper, microcellular secondary spring.  
**Rear:** Hydro-pneumatic self leveling.

### ELECTRICAL SYSTEM

System voltage	Volt	12
Alternator output	Amp	200
Battery capacity	Amp hour	2 x 105

Electrical wiring – to IP67 standard.

### ENGINE

		<b>3230</b>
Rated engine speed	rpm	2100
Gross power	hp (kW)	220 (164)
Max. gross power	hp (kW)	230 (172)
Transport boost gross power*	hp (kW)	260 (194)
Max. torque	Nm	1015
Max torque engine speed	rpm	1500
Make		SISU Power
Model		74 AWF
Injection		Common Rail
No of cylinders		6
Capacity	cc	7365
Bore	mm	108
Stroke	mm	134
Cooling		Water
Air cleaner		Power core dry element
Aspiration		Turbocharged and aircharge cooled

\*Only available for transport applications in gears D4, D5 & D6.

### CAPACITIES

	<b>Gal (liters)</b>
Fuel tank	106(400)
Hydraulic tank	27(103)
Urea tank	15(57)

### HYDRAULICS

**3 point linkage:** Electronic draft/position intermix, rate of drop, adjustable lift height, plus external lift and lower.  
**Rear hitch:** 1543 lb (700kg) Category III; Quick attach hook ends, eye end top link.  
**Front hitch (optional):** Lift capacity at link ends – 3500kg; Category II; Folding, quick attach type.

### AUXILIARY HYDRAULICS

Oil flow at rated speed:	33gpm (126 l/min)
Operating pressure:	3045psi (210 bar)
Spool valves:	Electronic 7 position double acting with flow and time control, float position, constant pump and zero leak.
Standard:	3 spool valves to rear
Optional:	4 spool valves to the rear Load sensing hydraulic connection 1 or 2 front supplies Front free flow return
Couplers:	Deluxe Quick release/spill-off piped to reservoir.

### POWER TAKE OFF

Type:	Fully independent to front and rear (front optional).
Actuation:	Electro-hydraulic.
PTO speed:	540rpm @ 1930 engine rpm 1000rpm @ 1890 engine rpm
PTO power:	<b>3230</b> – 190hp, (142kW)
Speed change:	By in-cab lever, 540: neutral: 1000rpm Front and rear always rotate at same speed.
Output spline:	6 or 21 1 $\frac{3}{8}$ " diameter.

### AXLES

Both axles:	Beam type with outboard epicyclic reduction hubs. 10 stud wheel retention on front axle. 12 stud wheel retention on rear axle. Four-wheel drive selectable by rotary switch – electro-hydraulic sprung on/pressure off (on the move). Both front and rear differentials electro-hydraulic soft engage clutch type. 2 ABS speed sensors and pole wheels.
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### STEERING

Type:	Re-circulating ball, power assist.
Column:	Tilt and telescope adjustable.
Turning radius:	Kerb to kerb 25' 5" (7.75m) on 540/65R34 @ 80° (2015mm) track. 22' 11" (6.98m) on 540/65R30 @ 80° (2015mm) track.

### BRAKES

Standard:	ABS with twin caliper outboard discs on all four wheels and heavy-duty suspension system.
Operation:	Air over hydraulic to Semi truck specification.
Park brake type:	Independent disc on transmission output shaft.
Actuation:	Sprung on, air pressure off.
Trailer brakes:	1. Twin line air brakes. 2. Single line hydraulic brakes for agricultural use. 3. Air trailer brake automatically applied by tractor park brake. 4. ABS 12v trailer supply socket as standard.

### WHEELS AND TIRES

4 equal sized, welded wheels. Rear centers differ to accommodate large reduction hubs. Front directional and rear fixed fenders. Fixed pannier mounted fenders.

#### Factory fit

	Rate	Track in (mm)	40 mph
540/65R30	D	80 (2015)	●
540/65R34	D/E	80 (2015)	●
600/70R30	D/E	76 (1930)	●

#### Approved field fit tires

Operation/tire	Typical Track mm (in)
<b>Low ground pressure</b>	
580/70R26	2075 (82)
600/55R26.5	2075 (82)
600/55R30.5	2075 (82)
600/60R30.5	2075 (82)
620/70R26	2075 (82)
700/50R26.5	2075 (82)
750/45R30.5	2075 (82)
750/50R30.5	2075 (82)
800/40R26.5	2075 (82)
54-31 R26	2160 (85)
<b>Row Crop*</b>	
420/85R34	1830 (72)
13.6R38	1830 (72)
18.4R30	1830 (72)

Dual wheels are permitted to be fitted to the rear axle only. Tires load speed rating and axle plated weight must not be exceeded under any circumstances. If in doubt refer to the operators handbook or tire supplier.

\*Please note load capacity of tire

### CAB

High specification, 2 door, full width, low noise.

#### Standard equipment includes:

Full cab air conditioning.  
 Air suspension seat.  
 Dust filter and heater.  
 Tinted glass.  
 Front and rear wash wipe.  
 Truck type rear view mirrors.  
 Full lighting set including direction indicators, hazard lights, 4 front and four rear work lights.  
 12v power socket.  
 Passenger seat.  
 Seat belts.  
 Cigar lighter and ashtray.  
 Side console illumination.  
 Digital clock.  
 Storage compartment.  
 Radio preparation.  
 Sun blind.  
 Cable access through rear window.  
 Rear fender mounted PTO cut-out switch.

The above specification may vary according to territory.

### OPTIONAL EQUIPMENT

Front hydraulic linkage (Category II) complete with front mounted controls.  
 Front PTO, single output.  
 Four auxiliary spool valves.  
 Load sensing hydraulic connection.  
 Front weights.  
 Rear deck weight.  
 Heavy-duty suspension cylinders.  
 Front hydraulic service ('T' spool 3) or front hydraulic services ('T' spool 3 & 4).  
 Front free flow return.  
 20 spline (1.75") PTO stub.  
 6 spline (1.75") PTO stub.  
 Field Performance package including: Radar speed meter with wheel slip control and Headland Turn Assist system.  
 8 front and 6 rear worklights.  
 Xenon worklight package (2 front, 2 rear Xenon with 6 front, 4 rear standard).  
 Deluxe heated drivers seat.  
 Hook end top link.  
 Heated windscreen, with heated and electrically adjustable mirrors.  
 GPS autosteer preparation.  
 Solar glass.  
 Road performance package.  
 Fender spool control.  
 80mm ball drawbar option.

### TRANSMISSION

Semi-powershift with 24 forward, 9 reverse gears. Clutchless gear range changing with 3 transmission modes.

	Gear	Speed mph (kph)
Forwards	D6	43 (69)
	D5	37.3 (60)
	D4	31.3 (50.3)
	D3	26.0 (41.8)
	D2	21.6 (34.7)
	D1	17.8 (28.7)
	C6	14.8 (23.8)
	C5	12.2 (19.7)
	C4	10.3 (16.6)
	C3	8.5 (13.7)
	C2	7.1 (11.4)
	C1	5.9 (9.5)
	B6	7.9 (12.7)
	B5	6.5 (10.5)
	B4	5.5 (8.8)
	B3	4.5 (7.3)
	B2	3.8 (6.1)
	B1	3.2 (5.1)
	A6	2.9 (4.6)
	A5	2.4 (3.8)
	A4	2.0 (3.2)
	A3	1.6 (2.6)
	A2	1.4 (2.2)
	A1	1.1 (1.8)
Reverse	A1	1.1 (1.8)
	A3	1.6 (2.5)
	A5	2.2 (3.6)
	B1	3.0 (4.8)
	B3	4.3 (7.0)
	B5	6.3 (10.1)
	C1	5.7 (9.1)
	C3	8.1 (13.1)
C5	11.7 (18.9)	

540/65 R34 tire at rated engine speed (2100rpm).

\*Speed limited

### VEHICLE WEIGHTS

Based on 3230 with full fuel and hydraulic tanks, no driver and no ballast.

	Front axle lb (kg)	Rear axle lb (kg)	Total lb (kg)
Machine with weight tray	9495 (4307)	8693 (3943)	18188 (8250)
Machine with front linkage& PTO	10472 (4750)	8510 (3860)	18982 (8610)

### REAR LOAD PLATFORM

**Maximum dimensions:** 4'1" x 7'5" (1.25 x 2.25 m)

**Capacity:** 5511 lb (2500kg)  
7165 lb (3250kg) with heavy-duty suspension cylinders.

**Note:** All deck mounted equipment currently fitted to other JCB Fastracs will fit this machine with minimum modification.

## Agricultural heritage

From our first agricultural tipping trailer to a global brand



**JCB is no run-of-the-mill 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 intrepid family spirit has taken us from strength to strength.**

JCB operates across all five continents, manufacturing at 17 factories in the UK, Brazil, Germany, China, North America and India. We have over 1,500 dealerships and depots selling and supporting our products in excess of 150 countries, we boast some of the finest engineering facilities in the world.

We're also renowned for producing some of the most innovative and popular farm machinery in the world, which includes the Fastrac and the world-beating loadall, along with wheeled loading shovels that are designed specifically for farming, not adapted from construction.

Our dedication to innovation in agriculture is unceasing; we will never forget our roots.





**ONE COMPANY, OVER 300 MACHINES.**

### Fastrac 3230 XTRA

Your nearest JCB Dealer

#### JCB North American - Headquarters

Savannah. 2000 Bamford Blvd., Savannah, Georgia, 31322 Tel: (912) 447-2000

Download the very latest information on this product range at [agriculture.jcbna.com](http://agriculture.jcbna.com)

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