



JCB | AIRPORTS

Committed to providing specialist machines, attachments and support for your industry



A Product
of Hard Work



Machine model	3220	3190	3170	2140
Engine type	Cummins QSB44	Cummins QSB44	Cummins 6BTAA	Cummins QSB30
Gross hp (kW) @ Rated Speed	220hp (164.2kW)	193hp (144.0kW)	173hp (129.0kW)	155hp (115.6kW)
DIN hp (kW) @ Rated Speed	200hp (149.3kW) @ 2300rpm	178hp (132.8kW) @ 2300rpm	155hp (115.6kW) @ 2200rpm	142hp (105.9kW) @ 2200rpm
PTO hp (kW)	190hp (141.7kW)	168hp (125.3kW)	145hp (108.1kW)	132hp (98.4kW)
Max. Torque (lb/ft) @ (Engine RPM)	823Nm @ 1500rpm	750Nm @ 1500rpm	786Nm @ 1300rpm	597Nm @ 1500rpm
Road Speeds	65/80kph (40/50mph)	65/80kph (40/50mph)	65/80kph (40/50mph)	50kph (30mph)

VERSATILITY

The range of Airport applications to which Fastrac is suited is wide and varied. So welcome to a machine that will perfectly meet your ever-changing demands and offers a real step forward in versatility and productivity, without compromising performance or safety.

This universal vehicle is specifically designed to work effectively with an extensive range of attachments and deliver performance characteristics that will compare or surpass that of many dedicated machines while offering year-long flexibility.

Key to its performance is the full suspension system, with excellent on and off road capabilities Fastrac suspension offers the ability to travel at speed with control and also perfect weight distribution. This combination of vibration-free ride and one of the most comfortable two man cabs available ensures operator fatigue is reduced to a new low.

A combination of truck-style ABS air brakes, with unique suspension system and powerful Cummins engines means that the key benefits of high road speeds coupled



with low fuel consumption is achieved especially on the 3000 series models. Additionally the compact 2140 provides the option of full four-wheel steering, ideal where high manoeuvrability is essential to the operation.

Whatever the job, from winter snow-clearing, to summer grass-cutting, you won't find a more productive and versatile option for the Airport sector.

FASTRAC COMFORT

The most comfortable operator environment available. That's what you get when you put such a spacious, well appointed cab onto a fully fledged suspension system.

Every Fastrac cab comes with two standard full size seats. Standard air conditioning, excellent ventilation and a powerful heater add to operator comfort. And even in dry environments, a full dust filter provides clean fresh air.

Sophisticated, informative and easy to use, the ergonomically designed controls are all positioned for maximum convenience. Plus, there's extensive all-round visibility and noise levels are as low as 72 dba.



Interior photograph is of a 3000 Series Fastrac fitted with the optional deluxe Plus Pack.





ENGINE

At the heart of every Fastrac is a powerful and fuel efficient engine that is ideally suited to all applications.

All Fastracs feature the latest turbo charged Cummins engines designed to combine exceptional power and torque characteristics with low emissions, complying with the latest Tier II legislation.

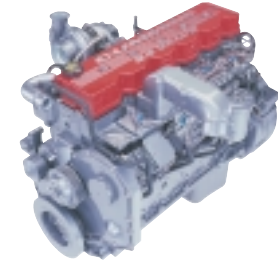
These engines feature the latest Bosch radial piston fuel injection pumps. The 3190 and 3220 feature the latest 24 valve QSB power unit. These new engines utilise four valves per cylinder, increasing efficiency due to the superior mixture characteristics provided by the extra valves, resulting in lower emissions levels and increased power.

The new 3000 Series Fastracs utilise charge-cooled engines; an air-to-air charge cooler is utilised in order to improve engine efficiency and performance. These air-to-air charge coolers offer major benefit over a more traditional water-to-air charge cooler particularly at low engine rpm ensuring torque is excellent right across the speed range.

All Fastrac Cummins engines have an extended service period with top end engine maintenance only required every 5000 hours helping reduce your service costs.

An engine speed control facility is fitted to the QSB powered models as standard. This allows the operator to set engine rpm to a desired level, increasing or decreasing the setting at the flick of a switch. This system can also be integrated into

the control systems of attachments allowing the engine speed to alter automatically when operated.

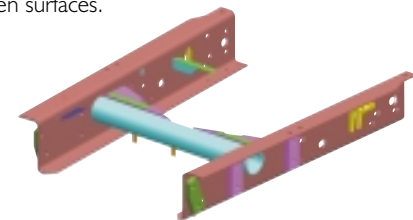


CHASSIS EXTENSIONS

Factory fitted chassis extensions of 750mm and 1450mm are available for all 3000 Series Fastracs. These extensions can be attached to the rear chassis providing extra rear deck capacity and an increase in wheelbase. This is ideal for the mounting of larger auxiliary equipment, for example, access platforms capable of reaching a height of over 12 metres, cranes with up to 7 metre/tonne capacity and also three-way tipping bodies.

The chassis provides a strong, durable base which is easy to mount equipment to.

The increased wheelbase provides excellent stability, particularly when working with equipment at height on uneven surfaces.



HYDRAULICS

The Fastrac hydraulic system delivers power-on-demand together with precise control to make optimum use of even the biggest attachments. The large capacity hydraulic pump generates higher flow rates for faster response to demand from the external auxiliary services.

With a minimum of two flow-control spool valves plus all valves with a float position, the right option is always available to the operator whatever the application.

High hydraulic oil flow rates are available for services up to 104 litres/min at 210 bar.

Available as an option, the hydraulic flow divider gives an uninterrupted accurate hydraulic feed to an attachment or hydraulic motor of up to 90 litres/min.

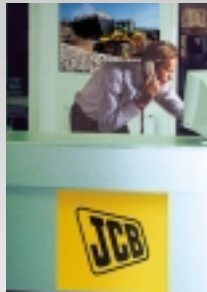
This independent hydraulic system also allows the use of bio-oil in certain applications. The couplings at the front or rear of the machine are all colour coded with the corresponding control lever. The rear utility cross member incorporates up to 4 pairs.



THE BEST BACK-UP IN THE BUSINESS

Always on hand to help

You demand more from your machines than ever before: more efficiency, more reliability, more performance. That's why superb product support has never been so vital.



Together with our extensive dealer network, at JCB we're as innovative and forward-thinking when it comes to customer care as we are in machine development. Our product support and after-sales service have one aim: to give you peace of mind.

The care and quality we offer is exceptional. All servicing is carried out by the best, factory-trained JCB engineers. Using the internet to pass vital information between on-site service personnel and our product support engineers, these professionals always have specialist information at their fingertips, so they can get you up and running again, faster.

Protect your machine and your cashflow

Everyone has individual needs and preferences. So we offer a range of service options all designed to help you cope with the unexpected and minimise costly downtime. Whether it's additional breakdown cover, an all-inclusive scheduled service programme, or servicing, we've got the best service option for you.



Finance packages, tailored to your needs

With ever-growing pressures on cashflows, the finance options available through JCB can provide a vital lifeline. Backed by JCB Finance, who can provide tax-efficient and cost-effective finance solutions, designed and tailored specifically to your needs.

Trust the genuine article

JCB parts are renowned worldwide for performance, reliability and safety. With replacement parts, we supply only the genuine

article, helping to safeguard the impressive residual values that you can expect in years to come.

As well as large stocks of parts engineered specifically for your machine, your JCB dealer also holds an extensive range of JCB premium lubricants, JCB filters and JCB Powermaster batteries, all manufactured to the same exacting standards. Your requirements can usually be supplied immediately by our dealers, but where this is not possible they can be ordered through the direct computer link between your dealer and JCB Service and processed through our impressive automated World Parts Centre warehouse. Despatch is normally the same day either to you or the dealer.

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.



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