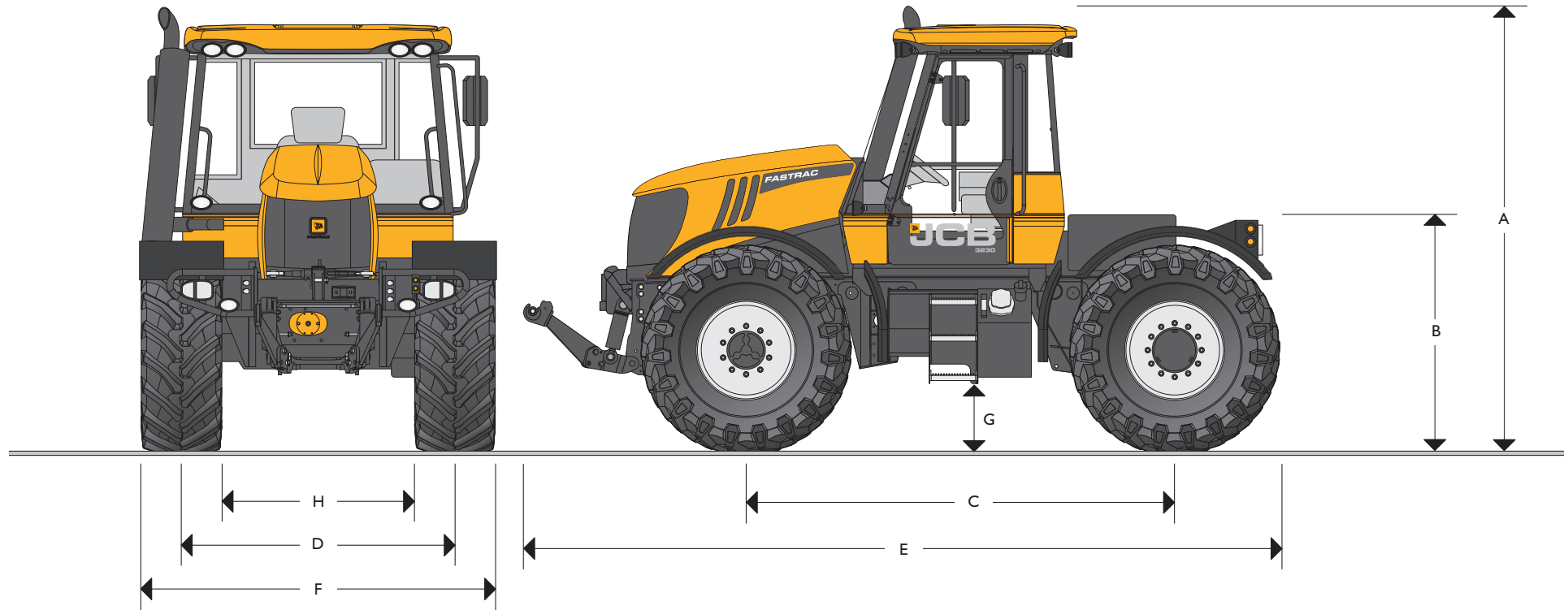


**ABS  
BRAKING**

FULLY SUSPENDED WITH 4 WHEEL ABS DISC BRAKING (TERRITORY DEPENDENT). JCB P-TRONIC TRANSMISSION.


**STATIC DIMENSIONS**

Tyres	540/65R30	495/70R24	Tyres	540/65R30	495/70R24
	m (ft-in)	m (ft-in)		m (ft-in)	m (ft-in)
A Height to exhaust	3.17 (10-5)	3.09 (10-1)	E Overall length	5.20 (17-1)	5.20 (17-1)
B Height to deck	1.55 (5-1)	1.47 (4-10)	F Overall width	2.53 (8-4)	2.37 (7-9)
C Wheelbase	3.06 (10-0)	3.06 (10-0)	G Ground clearance	0.41 (1-4)	0.33 (1-1)
D Track width	2.01 (6-8)	1.87 (6-2)	H Width between tyres	1.49 (4-11)	1.38 (4-6)



## ENGINE

		3200	3230
Rated engine speed	rpm	2200	2200
Gross hp		190	220
Max. gross hp		195	230
Transport boost gross power*		220	260
Max. torque	Nm	931	949
Max torque engine speed	rpm	1500	
Make		Cummins	
Model		QSB6.7	
Injection		Common Rail	
No of cylinders		6	
Capacity	cc	6702	
Bore	mm	107	
Stroke	mm	124	
Cooling		Water	
Air cleaner		Dual dry element	
Aspiration		Turbocharged and aircharge cooled	

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

## ELECTRICAL SYSTEM

System voltage	Volt	12
Alternator output	Amp	160
Battery capacity	Amp hour	2 x 105

Electrical wiring – to IP67 standard.

## CAPACITIES

	litres (UK gal)
Fuel tank	350 (77)
Hydraulic tank	120 (26.4)

## SUSPENSION

**Front:** Coil spring and damper; microcellular secondary spring.  
**Rear:** Hydro-pneumatic self levelling.

## HYDRAULICS

**3 point linkage:** Electronic draft/position intermix, rate of drop, adjustable lift height, plus external lift and lower.  
**Rear hitch:** 7000kg (15431lb)\*; 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.

\*(Optional 8000kg lift capacity on both models).



## AUXILIARY HYDRAULICS

Oil flow at rated speed:	132 l/min
Operating pressure:	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.
Pipework/hose:	BSP standard.

## POWER TAKE OFF

Type:	Fully independent to front and rear (front optional).
Actuation:	Electro-hydraulic.
PTO speed option 1:	540rpm @ 1929 engine rpm 1000rpm @ 1997 engine rpm
PTO speed option 2:	540rpm @ 1570 engine rpm 1000rpm @ 1997 engine rpm
PTO power:	<b>3200</b> – 168hp, 125.3kW <b>3230</b> – 190hp, 141.7kW
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 axes:	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 circle:	Kerb to kerb 14.50m on 540/65R30 @ 2015mm (80") track. 13.28m on 495/70R24 @ 1875mm (74") track.

## BRAKES

Type	3200	3230
1	●	–
2	○	●

● = Standard ○ = Option – = N/A

Type 1:	ABS with single caliper outboard discs on all four wheels.
Type 2:	ABS with twin caliper outboard discs on all four wheels and heavy duty suspension system.
Operation:	Air over hydraulic to EEC 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 for speeds up to 20mph. 3. Air trailer brake automatically applied by tractor park brake. 4. ABS 12v trailer supply socket as standard.



## WHEELS AND TYRES

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

## Factory fit

	Rate	Track mm (in)	65 km/hr	80 km/hr
495/70R24	G	1875 (74)		●
540/65R30	D	1930/2015 (76/80)	●	
540/65R34	D	2015 (80)	●	
600/65R28	D	1930 (76)	●	

## Approved field fit tyres

Operation/Tyre	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>	
13.6 x 38	1830 (72)
11.2 x 44	1830 (72)
9.5 x 44	1830 (72)

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

## 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.  
Beacon.  
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).  
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  
6 front and 4 rear worklights  
8 front and 6 rear worklights  
Xenon worklight package (2 front, 2 rear Xenon with 6 front, 4 rear standard)  
Roof hatch.  
Deluxe heated drivers seat.  
Auxiliary Audio input.  
Automatic rear linkage stabilisers  
750/1000 rpm PTO option  
Hook end top link  
Heated windscreen, with heated and electrically adjustable mirrors.



## TRANSMISSION

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

	Gear	Speed km/hr
Forwards	D6	66.4
	D5	55.1
	D4	46.3
	D3	38.4
	D2	31.8
	D1	26.4
	C6	21.9
	C5	18.1
	C4	15.2
	C3	12.6
	C2	11.7
	C1	10.5
	B6	9.7
	B5	8.7
	B4	8.1
	B3	6.8
	B2	5.6
	B1	4.6
Reverse	A6	4.2
	A5	3.1
	A4	2.9
	A3	2.4
	A2	2.0
	A1	1.7
	A1	1.6
	A3	2.3
	A5	3.3
	B1	4.4
B3	6.5	
B5	9.3	
C1	8.3	
C3	12.1	
C5	17.3	

540/65 R30 tyres at rated engine speed (2200rpm).

## VEHICLE WEIGHTS

Based on 3200 with full fuel and hydraulic tanks, no driver and no ballast.

	Front axle	Rear axle	Total
	kg	kg	kg
Machine with weight tray	3960	3630	7590
Machine with front linkage& PTO	4300	3650	7950

## REAR LOAD PLATFORM

**Maximum dimensions:** 1.25 x 2.25m

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

**Sprayers:** As approved by JCB Landpower up to 2000 litres and 24m booms.

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

## A GLOBAL COMMITMENT TO QUALITY

JCB's total commitment to its products and customers has helped it grow from a one-man business into Britain's largest privately owned manufacturer of backhoe loaders, crawler excavators, wheeled excavators, telescopic handlers, wheeled loaders, dump trucks, rough terrain fork lifts, industrial fork lifts, mini/midi excavators, skid steer loaders, tractors and compaction equipment.

By making constant and massive investments in the latest production technology, the JCB factories have become some of the most advanced in the world.

By leading the field in innovative research and design, extensive testing and stringent quality control, JCB machines have become renowned all over the world for performance, value and reliability.

And with a global sales and service network of more than 650 dealers and agents, we aim to deliver the best customer support in the industry.

Through setting the standards by which others are judged, JCB has become one of the world's most impressive success stories.

