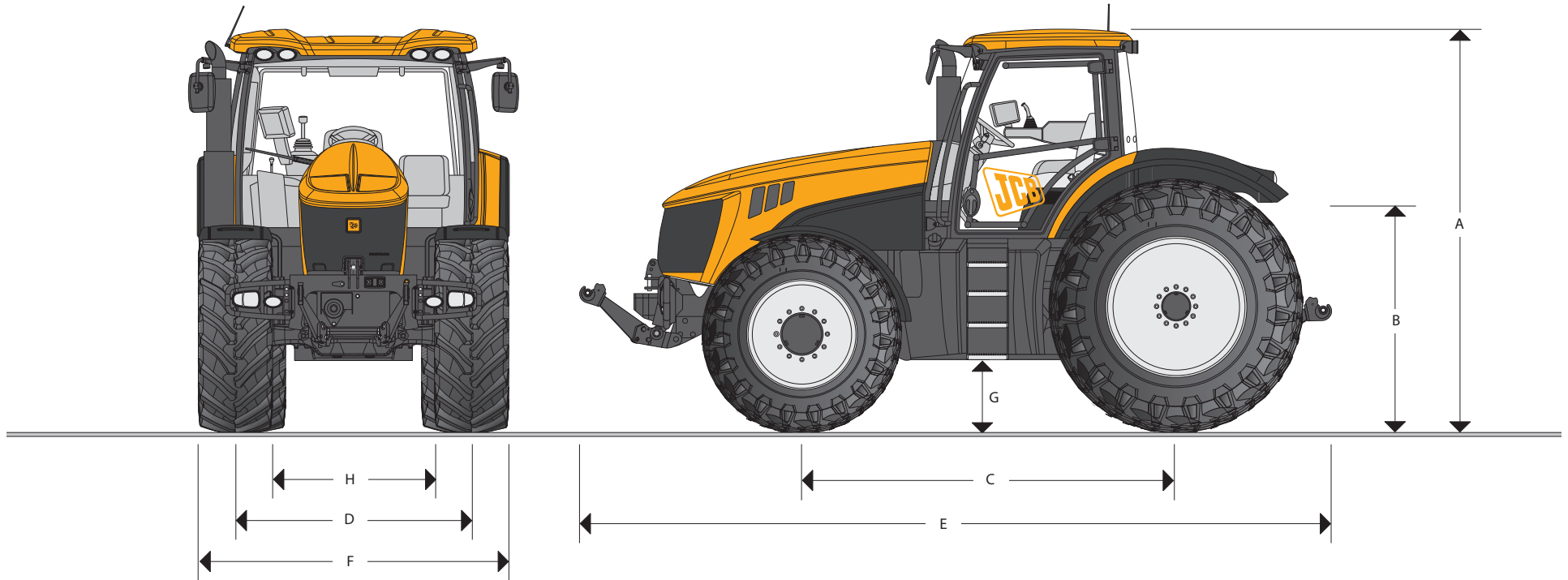




FULLY SUSPENDED WITH 4 WHEEL DISC BRAKING. JCB P-TRONIC TRANSMISSION.



STATIC DIMENSIONS

Tires	540/65 R34 & 710/70 R38
	ft-in (m)
A Height to exhaust	10-7 (3.23)
B Height to deck	5-9 (1.78)
C Wheelbase	10-0 (3.05)
D Track width (front/rear)	6-4 (1.93) / 5-10 (1.83)

Tires	540/65 R34 & 710/70 R38
	ft-in (m)
E Overall length	18-9 (5.72)
F Overall width	8-4 (2.55)
G Ground clearance	1-8 (0.5)
H Width between tires	3-8 (1.13)



ENGINE

Machine model	7170	7200	7230	7270	
Make	Cummins				
Model	QSB				
Rated engine speed	rpm	2200			
hp at rated speed	173	190	220	260	
Max hp	hp	178	195	230	270
Max torque	Nm	799	931	949	990
Max torque	rpm	1400	1400	1500	1500
Injection	CM 850 Common Rail				
No of cylinders	6				
Capacity	cc	6702			
Bore	in (mm)	66 (107)			
Stroke	in (mm)	77 (124)			
Cooling	Water				
Air cleaner	Powercore dry element				
Aspiration	Turbocharged and intercooled				

ELECTRICAL SYSTEM

System voltage	Volt	12
Alternator output	Amp	160
Battery capacity	Amp hour	2 x 105
Electrical wiring – to IP67 standard.		

CAPACITIES

	gal (liters)
Fuel Tank	113 (430)
Hydraulic tank	35 (130)

SUSPENSION

All round hydro-pneumatic self leveling, with independent rear and combined front electronic ride height sensing.

HYDRAULICS

- 3 point linkage:** Electronic draft/position intermix, rate of drop, adjustable lift height plus external lift and lower.
- Front hitch (optional):** Lift capacity at link ends – 7700lbs, Category 2; Quick attach hook ends, folding arms.
- Rear hitch:** Category 3; Quick attach hook ends, eye end top link.

Machine model	7170	7200	7230	7270	
Rear hitch capacity	lbs	15400	17600	20000	20000



AUXILIARY HYDRAULICS

		Standard	High flow
Max oil flow	gal/min	39	55
Flow at rated engine speed	gal/min	35	49
Flow per slice	gal/min	26	37

Operating pressure:	3000psi
Spool valves:	Electronic 4 position double acting with flow and time control, float position and zero leak.
Standard:	4 spool valves to the rear
Optional:	Load sensing hydraulic connection. 1 or 2 front supplies. Front free flow return.
Couplers:	Deluxe Quick release/spill-off piped to reservoir (front and rear).

POWER TAKE OFF

Type:	Fully independent to front and rear (front optional), driven from main gearbox.
Actuation:	Electro-hydraulic.
Rear PTO speeds Option 1:	540rpm @ 1929 engine rpm 1000rpm @ 1997 engine rpm
Rear PTO output spline:	6 or 21 spline 1 $\frac{3}{8}$ " diameter 6 or 20 spline 1 $\frac{3}{4}$ " diameter (options)
Front PTO speed:	540/1000 (Front and rear always rotate at the same speed)
Front PTO output spline:	6 1 $\frac{3}{8}$ " diameter
PTO power:	7100 – 156hp, 7200 – 171hp, 7230 – 193hp, 7270 – 238hp
Speed change:	By lever, 540: neutral. 1000rpm

AXLES

Type:	Beam with outboard epicyclic reduction hubs.
Wheel mountings:	10 stud front axle 14 stud rear axle
Four wheel drive selection:	On the move engage/disengage using rocker switch.
Differentials:	Front and rear locking with electro-hydraulic soft engagement.

STEERING

Type:	Re-circulating ball with power assistance and assisto ram.
Column:	Tilt and telescope adjustable.
Turning radius:	21ft 6in*
	*540 / 75 R28 front tires

BRAKES

Type:	Outboard discs with twin calipers and ABS on all four wheels.
Operation:	Air over hydraulic
Park brake:	Independent disc on transmission output.
Actuation:	Sprung on, air pressure off.
Trailer brakes:	Twin line air brakes. Single line hydraulic brakes for speeds up to 20mph.



WHEELS AND TIRES

4 welded wheels. Front directional and rear fixed and enclosed fenders. Fixed cab mounted fenders.
All tires are speed rated for 40mph (65kph)

	Tire Size		Model				Track Width	
	Front	Rear	7170	7200	7230	7270	Front - in (mm)	Rear - in (mm)
Trelleborg - TM800	540/65 R34	710/70 R38	○	○	S	○	78 (1985)	72 (1830)
Michelin - Xeobib	600/60 R30	710/60 R42	○	○	N/A	N/A	75 (1905)	72 (1830)
Goodyear - Optitrac R+	540/74 R28	650/75 R38	S	S	○	N/A	78 (1985)	74 (1880)
Trelleborg	540/65 R34	710/70R42	○	○	○	S	78 (1985)	72 (1830)

S - Standard Fit ○ - Option N/A Not Available

CAB

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

Standard equipment includes:

Fully automatic climate control.
Air suspension seat with armrest mounted transmission and auxiliary controls.
Color touch screen display, providing transmission information and setup capability.
Electronic spool valves.
Full dust filtration.
Tinted glass.
Front and rear wash wipe.
Electrically adjustable right hand rear view mirror.
Full road lighting equipment.
Auxiliary electrical and speed sensor sockets.
Full size passenger seat.
Lap belt for driver and passenger.
Side console illumination.
Slimline blue backlit dashboard.
Storage compartment.
Radio preparation with single DIN slot and four speakers.
Sun blind.
Cable access through rear window.
Rear fender mounted raise/lower and PTO cut out switches.
6 front and 4 rear worklights.
Headland management system.

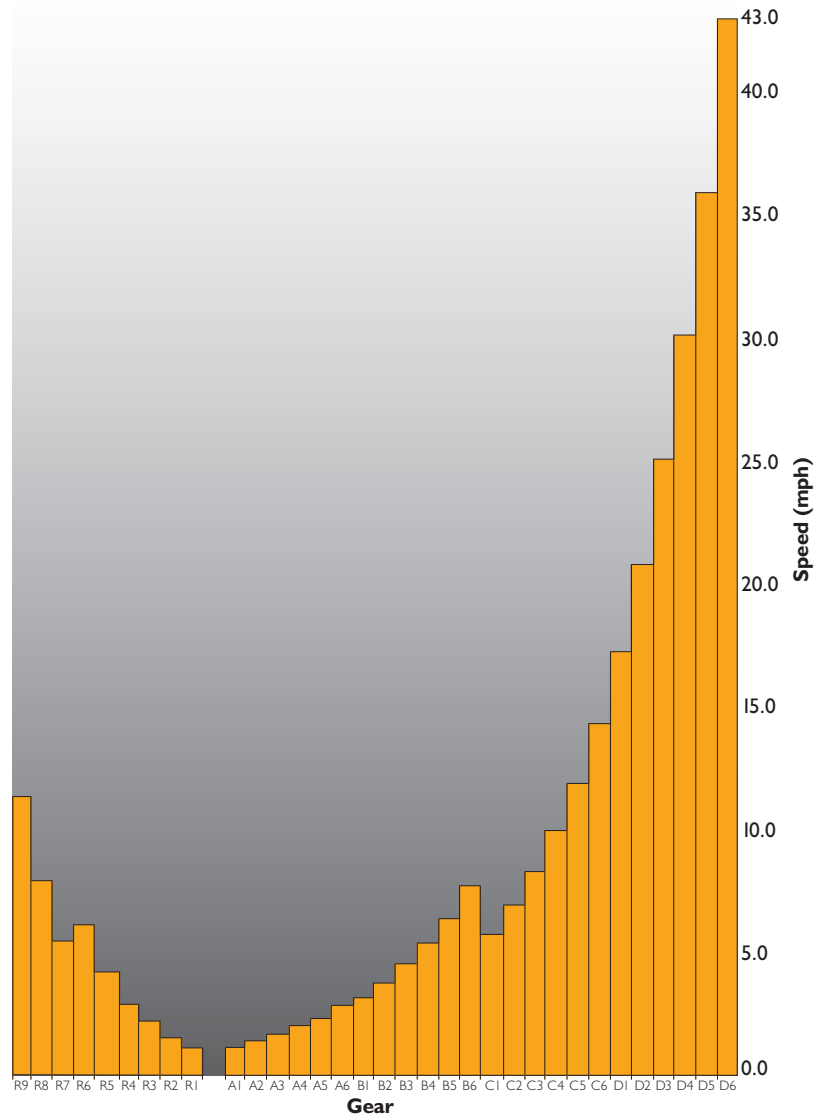
OPTIONAL EQUIPMENT

Front linkage (Category II) with electronic control and external raise/lower.
Front PTO single output.
Hi-flow hydraulics.
Load sensing hydraulic connection.
Front weight.
Rear deck weight.
1 or 2 front hydraulic services.
Front free flow return.
20 spline 1 3/4" PTO shaft.
6 spline 1 3/4" PTO shaft.
Radar and performance monitor.
Deluxe heated drivers seat.
Heated front and rear screens with heated and electric mirrors.
Left hand electrically adjustable mirror.
8 front and 6 rear worklights.
Hook end top link.



TRANSMISSION

JCB P-Tronic, 4 Range 6 Speed Powershift Transmission



VEHICLE WEIGHTS

--Shipping weight with no fuel on 540/65 R34 front and 710/70 R38 rear tyres with no driver and no ballast.

	Front axle	Rear axle	Total
	lbs (kg)	lbs (kg)	lbs (kg)
Machine with front weight tray	9504 (4310)	10703 (4854)	20207 (9165)



A GLOBAL COMMITMENT TO QUALITY

JCB's total commitment to its products and customers has helped it grow from a one-man business into one of the world's largest manufacturers 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 and tractors.

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 an extensive dealer sales and service network in over 150 countries, 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.



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