



SKID STEER LOADER AND COMPACT TRACK LOADER | RANGE
215 / 270 / 300 / 215T / 270T / 300T

Operating weight: 7,253-11,219 lb (3,290-5,089 kg) Gross rated power: 74 hp (55 kW)



THE RANGE

JCB SKID STEER AND COMPACT TRACK LOADERS FOR EVERY APPLICATION

New updates for the 3.2 model series include a 7" digital display, updated and consolidated control panel, reverse camera, job timer, auto idle, beacon switch, rocker switch blanks, and increased visibility windshield.

JCB, the world's largest privately-owned manufacturer of construction and agricultural equipment, offers a range of 6 skid steer and compact track loaders spanning small-platform and large-platform models, with vertical lift capabilities.

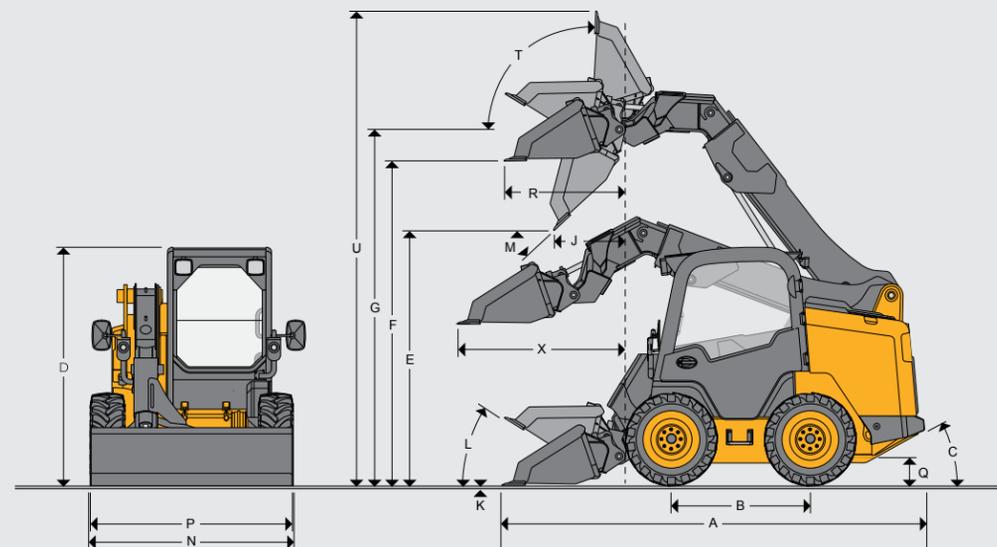
JCB skid steers are equipped with a 74 hp (55 kW) engine and the iconic JCB Powerboom™ with side-door entry. They are stronger and safer than conventional

machines, and deliver the power, performance and reliability that today's operators and fleet managers demand.

In addition to the JCB machines detailed in this brochure, ask your JCB dealer or visit www.jcb.com to learn more about the JCB Skid Steer and Compact Track Loaders.



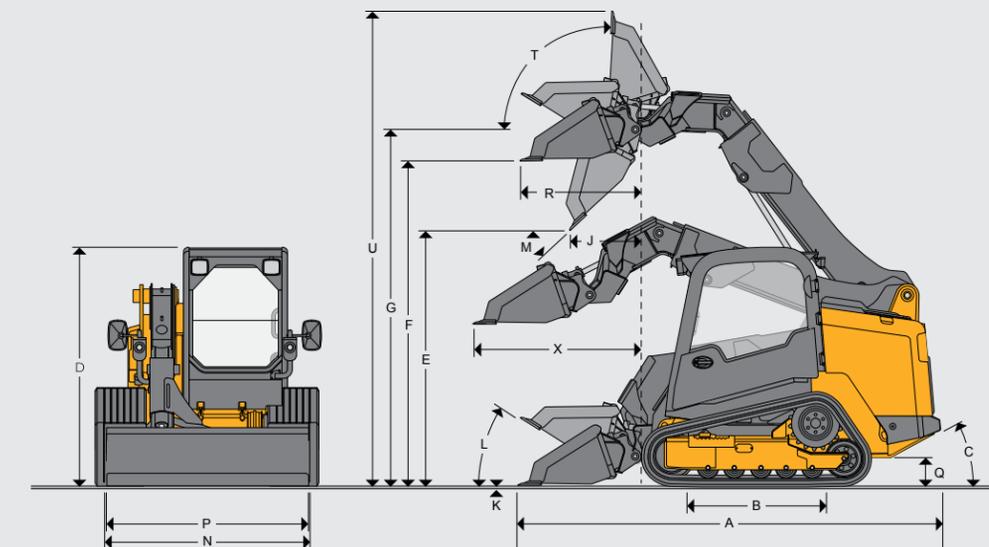
STATIC DIMENSIONS – SKID STEER LOADER



STATIC DIMENSIONS – SKID STEER LOADER

	SMALL PLATFORM		LARGE PLATFORM	
	Vertical		Vertical	Vertical
Lift path				
Machine model	215		270	300
A Overall length	ft-in (m)	11-5 (3.49)	12-6 (3.8)	12-6 (3.8)
B Wheelbase	ft-in (m)	3-6 (1.07)	4-1 (1.25)	4-1 (1.25)
C Angle of departure	degrees	25	29	29
D Overall height	ft-in (m)	6-6 (1.98)	6-11 (2.1)	6-11 (2.1)
E Dump height	ft-in (m)	7-5 (2.26)	7-6 (2.3)	7-6 (2.3)
F Loadover height	ft-in (m)	9-4 (2.84)	9-6 (2.9)	9-6 (2.9)
G Pin height	ft-in (m)	9-10 (3.00)	10-6 (3.2)	10-6 (3.2)
H Reach @ ground level	ft-in (m)	3-3 (1.00)	3-7 (1.1)	3-7 (1.1)
I Max. reach @ full height	ft-in (m)	3-11 (1.21)	4-4 (1.3)	4-4 (1.3)
J Reach @ full height - fully dumped	ft-in (m)	2-10 (0.86)	2-11 (0.9)	2-11 (0.9)
K Dig depth clearance	in (mm)	-3/8 (-10)	-3/8 (-10)	-3/8 (-10)
L Rollback @ ground	degrees	30	30	30
M Dump angle	degrees	42	42	42
N Width over tires - standard	ft-in (m)	5-3 (1.52)	5-11 (1.8)	5-11 (1.8)
O Bucket width - standard	ft-in (m)	5-6 (1.68)	6-3 (1.9)	6-3 (1.9)
Bucket capacity - standard	yd ³ (m ³)	0.47 (0.36)	0.56 (0.43)	0.56 (0.43)
Turning radius				
Bucket corner radius	ft-in (m)	6-10 (2.09)	7-7 (2.30)	7-7 (2.30)
Quick hitch radius	ft-in (m)	3-9 (1.14)	4-11 (1.5)	4-11 (1.5)
Rear chassis radius	ft-in (m)	5-5 (1.65)	5-9.5 (1.76)	5-9.5 (1.76)
P Ground clearance	in (mm)	8.3 (210)	10 (250)	10 (250)

STATIC DIMENSIONS – COMPACT TRACK LOADER



STATIC DIMENSIONS – COMPACT TRACK LOADER

	SMALL PLATFORM		LARGE PLATFORM	
	Vertical		Vertical	Vertical
Lift path				
Machine model	215T		270T	300T
A Overall length	ft-in (m)	11-5 (3.49)	12-6 (3.8)	12-6 (3.8)
B Wheelbase	ft-in (m)	5-10 (1.78)	6-11 (2.1)	6-11 (2.1)
C Angle of departure	degrees	27	29	29
D Overall height	ft-in (m)	6-7 (2.00)	6-10 (2.08)	6-10 (2.08)
E Dump height	ft-in (m)	7-6 (2.29)	7-5 (2.28)	7-5 (2.28)
F Loadover height	ft-in (m)	9-4 (2.85)	9-5 (2.88)	9-5 (2.88)
G Pin height	ft-in (m)	9-11 (3.02)	10-5 (3.18)	10-5 (3.18)
H Reach @ ground level	ft-in (m)	3-3 (1.00)	3-7 (1.1)	3-7 (1.1)
I Max. reach @ full height	ft-in (m)	4-0 (1.21)	4-3 (1.30)	4-3 (1.30)
J Reach @ full height - fully dumped	ft-in (m)	2-9 (0.85)	2-11 (0.9)	2-11 (0.9)
K Dig depth clearance	in (mm)	-3/8 (-10)	-3/8 (-10)	-3/8 (-10)
L Rollback @ ground	degrees	30	30	30
M Dump angle	degrees	42	42	42
N Width over tires - standard	ft-in (m)	5-6 (1.68)	6-3 (1.9)	6-3 (1.9)
O Bucket width - standard	ft-in (m)	5-6 (1.68)	6-3 (1.9)	6-3 (1.9)
Bucket capacity - standard	yd ³ (m ³)	0.47 (0.36)	0.56 (0.43)	0.56 (0.43)
Turning radius				
Bucket corner radius	ft-in (m)	6-10 (2.09)	7-7 (2.3)	7-7 (2.3)
Quick hitch radius	ft-in (m)	3-9 (1.14)	5-7 (1.7)	5-7 (1.7)
Rear chassis radius	ft-in (m)	5-5 (1.65)	5-9 (1.76)	5-9 (1.76)
P Ground clearance	in (mm)	0-9 (230)	0-9 (230)	0-9 (230)

HYDRAULIC PERFORMANCE - SKID STEER			
		SMALL PLATFORM	LARGE PLATFORM
		215	270
Machine model		215	270
SAE Cab operating weight (no counterweight)	lb SAE (kg)	7,253 (3,290)	8,680 (3,937)
SAE Cab operating weight (1 pair suitcase weights)	lb SAE (kg)	7,354 (3,336)	N/A
SAE Cab operating weight (2 pair suitcase weights)	lb SAE (kg)	7,455 (3,381)	N/A
Rated operating capacity (ROC) 35% (no counterweight)	lb SAE (kg)	1,477 (670)	1,907 (865)
Rated operating capacity (ROC) 50% (no counterweight)	lb SAE (kg)	2,112 (958)	2,723 (1,235)
ROC with full counterweight	lb SAE (kg)	2,257 (1,024)	N/A
Tipping load - no counterweight	lb (kg)	4,222 (1,915)	5,448 (2,471)
Tipping load - full counterweight	lb (kg)	4,517 (2,049)	N/A
Loader lift capacity with shovel	lbf (kg)	4,592 (2,083)	6,056 (2,747)
Bucket tilt breakout force	lbf (kgf)	4,899 (2,222)	6,543 (2,968)

HYDRAULIC PERFORMANCE - COMPACT TRACK LOADER			
		LARGE PLATFORM	LARGE PLATFORM
		215T	270T
Machine model		215T	270T
SAE Cab operating weight (no counterweight)	lb SAE (kg)	9,098 (4,127)	11,003 (4,991)
SAE Cab operating weight (1 pair suitcase weights)	lb SAE (kg)	9,200 (4,173)	N/A
SAE Cab operating weight (2 pair suitcase weights)	lb SAE (kg)	9,301 (4,219)	N/A
Rated operating capacity (ROC) 35% (no counterweight)	lb SAE (kg)	2,105 (955)	2,723 (1,235)
Rated operating capacity (ROC) 50% (no counterweight)	lb SAE (kg)	3,009 (1,365)	3,995 (1,812)
ROC with full counterweight	lb SAE (kg)	2,138 (970)	N/A
Tipping load - no counterweight	lb (kg)	6,016 (2,729)	7,990 (3,624)
Tipping load - full counterweight	lb (kg)	6,109 (2,771)	N/A
Loader lift capacity with shovel	lbf (kg)	4,592 (2,083)	5,807 (2,634)
Bucket tilt breakout force	lbf (kgf)	4,945 (2,243)	6,543 (2,968)

HYDRAULICS - SMALL PLATFORM AND LARGE PLATFORM		
In addition to the main hydrostatic drive pumps, there is a dedicated service pump for the loader and attachments (auxiliary hydraulics circuit standard flow on all base models).		
Standard flow	215/215T	270/300/270T/300T
	18.5 gpm (70 lpm) @ 2,730 RPM Main relief pressure 3,335 psi (230 bar) HYD Power Low Flow (36.0 hp)*	24 gpm (90 lpm) @ 2,300 RPM Main relief pressure 3,335 psi (230 bar) HYD Power Low Flow (46.7 hp)*
Optional auxiliary high flow	215/215T	270/270T
	30.4 gpm (115 lpm) HYD Power High Flow (59.1 hp)*	31.7 gpm (120 lpm) HYD Power High Flow (61.7 hp)*
Optional auxiliary high flow	N/A	300/300T
		33 gpm (125 lpm) HYD Power High Flow (64.2 hp)*

¹ Low joystick lever efforts give excellent and easy control of transmission, loader and attachments.
¹ Auxiliary hydraulics are actuated on the joystick roller giving progressive control of hydraulic fluid flow for precise attachment control
¹ Loader arm hydraulic lines under protective steel guard on Powerboom™.
¹ Canister style, full flow, hydraulic oil filter.
¹ JCB engine oil for engine and chain case.
¹ JCB hydraulic oil.

*Calculated

CAPACITIES			
		SMALL PLATFORM	LARGE PLATFORM
Hydraulic system (including tank)	gal (l)		14.5 (55)
Fuel tank (radial / vertical lift)	gal (l)	25.9 (98) / 24.3 (92)	27.3 (103.3)
Engine coolant	gal (l)	2.6 (10)	5.8 (22)
Engine oil min/max.	gal (l)	1.5 (5.5) / 2 (7.4)	3.2 (12) / 4.0 (15)
LH chaincase (wheeled machines only)	gal (l)	5 (19)	6.2 (23.3)
RH chaincase (wheeled machines only)	gal (l)	5 (19)	6.2 (23.3)

TRANSMISSION			
A full electro-hydraulic controlled hydrostatic transmission giving zero to maximum speed, both forward and reverse at full power. Hydraulic power management system maintains full engine power availability maximizing loader and attachment control.			
Model		Single Speed	Two Speed
Travel speed 215	mph (km/h)	7.5 (12.0)	7.5 (12.0) / 11.5 (18.5)
Travel speed 270/300	mph (km/h)	6.8 (10.9)	6.8 (10.9) / 12.4 (20.0)
Travel speed 215T	mph (km/h)	6.2 (10.0)	5.6 (9.0) / 7.8 (12.5)
Travel speed 270T/300T	mph (km/h)	5.7 (9.2)	4.8 (7.7) / 7.8 (12.5)

ENGINE			
		SMALL PLATFORM	LARGE PLATFORM
		215/215T	270/300/270T/300T
Engine model		Kohler - KDI2504TCR/26A	EcoMAX TCAE-55
Displacement	in ³ (cm ³)	151 (2474)	268 (4399)
Fuel		Diesel	Diesel
Cooling		Liquid	Liquid
Aspiration		Turbo	Turbo
Gross Power @ 2400 RPM			
SAE J1995	hp (kW)	74 (55)	74 (55)
Gross Torque @ 1200 RPM			
SAE J1995	lb/ft (Nm)	221.2 (300)	295 (400)
Starter motor	hp (kW)	2.72 (2)	5.63 (4.2)
Battery	V/Ah	12 / 109	12 / 109
Alternator	amps	100	95
Emission certification		Tier 4 Final	Tier 4 Final
Engine oil service interval hours		500	500
Variable speed hydraulically driven fan		YES	YES

TIRES / TRACKS		
	TIRES	TRACKS
Standard – 215	10 x 16.5 - 8 PR Xtra Wall Off Road	215T
Standard – 270/300	12 x 16.5 - 10 PR Xtra Wall Off Road	12.6 in (320 mm) wide traction lug
215 Available tire options		270T/300T/325T
11 x 16.5 - 10 PR All Terrain		15.7 in (400 mm) wide traction lug
10 x 16.5 - Reinforced 2 Steel Crown, 3 Metal Shoulders Bibsteel All Terrain		Available track options
7 x 15 - 14 PR Extra Duty Plus Industrial		17.7 in (450 mm) wide traction lug
30 x 7.6 - 15 Solid no Aperture Extreme Industrial		
31 x 10 - 18 Solid with Aperture Brawler Heavy Duty Off Road		
33 x 10 - 20 Solid with Aperture Slick Heavy Duty		
270 / 300 Available tire options		
7.6 x 15 Solid Industrial Slick		
11 x 16.5 - 12 PR Xtra Wall Off Road		
12 x 16.5 - 10PR Off Road		
12 x 16.5 - Reinforced 2 Steel Crown, 3 Metal Shoulders Bibsteel All Terrain		
15.5 x 16.5 - 14 PR Off Road Flotation		
33 x 11 - 20 Solid with Aperture Brawler Heavy Duty Off Road		
36 x 22 - 20 Solid with Aperture Brawler Heavy Duty Off Road		
32 x 8.5 - 16 Solid with Aperture Heavy Duty Industrial		
33 x 10 - 20 Solid with Aperture Slick Heavy Duty Off Road		

For arduous conditions and hostile environments solid tires are recommended.

CONTROLS - ALL MODELS	
JCB servo control (ISO) pattern provides all drive functions on left and loader function on right joystick.	
The left hand control pod pivots rearwards, providing unparallelled machine entry/exit.	

STANDARD EQUIPMENT		TIRES/TRACKS	
Sealed cab with heater/defroster	•	215 Model	
Mechanical quick hitch	•	10 x 16.5 - 8 PR Xtra Wall Off Road	•
Electronic hand throttle	•	11 x 16.5 - 10 PR All Terrain	+
Two front and one rear work light	•	10 x 16.5 - Reinforced 2 Steel Crown, 3 Metal Shoulders Bibsteel All Terrain	+
Emergency lower valve	•	7 x 15 - 14 PR Extra Duty Plus Industrial	+
Fuel gauge	•	30 x 7.6 - 15 Solid no Aperture Extreme Industrial	+
Hydraulic park brake	•	31 x 10 - 18 Solid with Aperture Brawler Heavy Duty Off Road	+
Standard flow auxiliary hydraulics	•	33 x 10 - 20 Solid with Aperture Slick Heavy Duty	+
Rear service access door	•	270 and 300 Model	
Tilting cab for service access	•	12 x 16.5 - 10 PR Xtra Wall Off Road	•
Static seat in wheeled models	•	7.6 x 15 Solid Industrial Slick	+
Mechanical suspension seat in tracked models	•	11 x 16.5 - 12 PR Xtra Wall Off Road	+
Boom Float	•	12 x 16.5 - 10PR Off Road	+
Centrifugal dry engine air filter with primary and secondary elements	•	12 x 16.5 - Reinforced 2 Steel Crown, 3 Metal Shoulders Bibsteel All Terrain	+
Battery isolator	•	15.5 x 16.5 - 14 PR Off Road Flotation	+
Foot throttle	•	33 x 11 - 20 Solid with Aperture Brawler Heavy Duty Off Road	+
Twine cutter (wheeled units only)	•	36 x 22 - 20 Solid with Aperture Brawler Heavy Duty Off Road	+
In-cab ISO/H pattern changeover	•	32 x 8.5 - 16 Solid with Aperture Heavy Duty Industrial	+
Isolation mounted operator enclosure	•	33 x 10 - 20 Solid with Aperture Slick Heavy Duty Off Road	+
Fuel cap protection	•	215T Model	
Creep speed	•	12.6 in (320 mm) wide traction lug	•
		15.7 in (400 mm) wide traction lug	•
		17.7 in (450 mm) wide traction lug	+
OPERATOR ENVIRONMENT		OPTIONAL FEATURES	
Full ROPS and Level 1 FOPS	•	Canopy/Cab with AC	+
7" display / touch screen	•	Mechanical and air suspension seats	+
Full visual and audible warning system	•	LED work lights	+
Operator Enclosure access through side door	•	Road lights	+
Fully adjustable seat	•	Beacon	+
Retractable seat belt	•	Self levelling	+
Electric over hydraulic controls with JCB multi-function joysticks	•	Parallel Lift	+
Pod storage area	•	Smooth Ride System	+
Cup holder	•	High Flow auxiliary hydraulics	+
Power socket	•	Powered quick hitch	+
Rear view mirror	•	2-Speed	+
Interior light	•	Exhaust spark arrestor	+
Radio	•	Fenders	+
LIGHTING AND ELECTRICS		Reversing fan	+
12 VDC Negative ground system	•	Pre-cleaner	+
1,000 cold cranking amps (CCA) battery @0deg F	•	Polycarbonate screen	+
Low charge pressure alarm	•	Cab Guarding	+
Engine water temperature alarm	•	Engine oil pressure alarm	•
Blocked air filter pressure alarm	•	Avoltage alarm	•
Engine oil pressure alarm	•	Operator enclosure mounted fuse and relay box	•
Avoltage alarm	•		
Operator enclosure mounted fuse and relay box	•		



ONE COMPANY, MORE THAN 300 MACHINES.

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215 / 270 / 300 / 215T / 270T / 300T

Operating weight: 7,253-12,364 lb (3,290-5,608 kg) Gross rated power: 74 hp (55 kW)

JCB North America

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

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