



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.

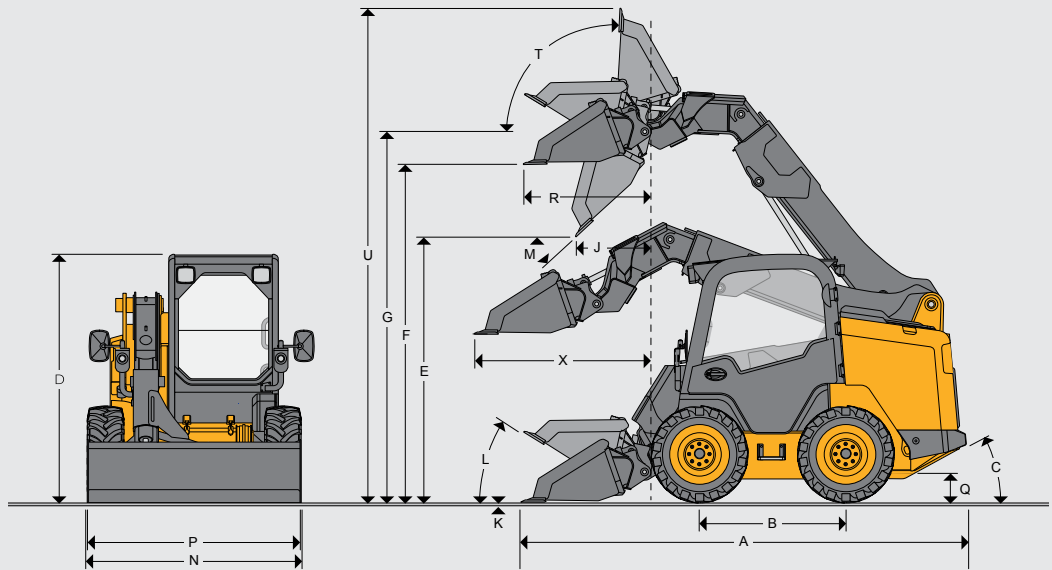
JCB skid steers are equipped with a 74 hp (55 kW) engine and the iconic JCB Powerboom™ with side-door entry. They are stronger and safer than conventional

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.

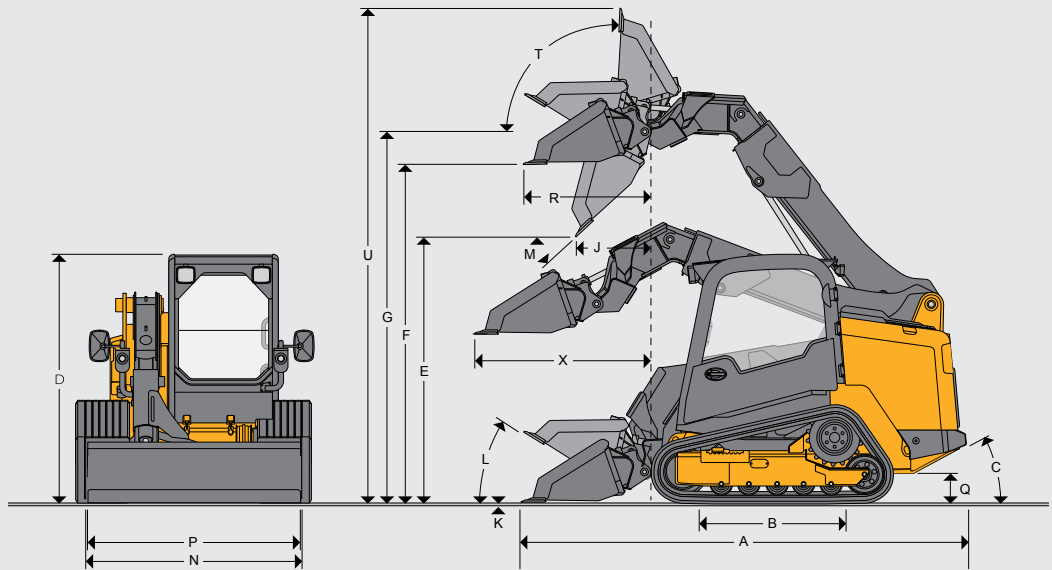


STATIC DIMENSIONS – SKID STEER LOADER



STATIC DIMENSIONS – SKID STEER LOADER					
		SMALL PLATFORM		LARGE PLATFORM	
Lift path		Vertical		Vertical	
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	yd³ (m³)	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	
Lift path			Vertical	Vertical	Vertical
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	yd³ (m³)	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	300
Machine model				
SAE Cab operating weight (no counterweight)	lb SAE (kg)	7,253 (3,290)	8,680 (3,937)	9,288 (4,213)
SAE Cab operating weight (1 pair suitcase weights)	lb SAE (kg)	7,354 (3,336)	N/A	N/A
SAE Cab operating weight (2 pair suitcase weights)	lb SAE (kg)	7,455 (3,381)	N/A	N/A
Rated operating capacity (ROC) 35% (no counterweight)	lb SAE (kg)	1,477 (670)	1,907 (865)	2,229 (1,011)
Rated operating capacity (ROC) 50% (no counterweight)	lb SAE (kg)	2,112 (958)	2,723 (1,235)	3,186 (1,445)
ROC with full counterweight	lb SAE (kg)	2,257 (1,024)	N/A	N/A
Tipping load - no counterweight	lb (kg)	4,222 (1,915)	5,448 (2,471)	6,369 (2,889)
Tipping load - full counterweight	lb (kg)	4,517 (2,049)	N/A	N/A
Loader lift capacity with shovel	lbf (kg)	4,592 (2,083)	6,056 (2,747)	6,056 (2,747)
Bucket tilt breakout force	lbf (kgf)	4,899 (2,222)	6,543 (2,968)	6,543 (2,968)

HYDRAULIC PERFORMANCE - COMPACT TRACK LOADER				
		LARGE PLATFORM	LARGE PLATFORM	
		215T	270T	300T
Machine model				
SAE Cab operating weight (no counterweight)	lb SAE (kg)	9,098 (4,127)	11,003 (4,991)	11,219 (5,089)
SAE Cab operating weight (1 pair suitcase weights)	lb SAE (kg)	9,200 (4,173)	N/A	N/A
SAE Cab operating weight (2 pair suitcase weights)	lb SAE (kg)	9,301 (4,219)	N/A	N/A
Rated operating capacity (ROC) 35% (no counterweight)	lb SAE (kg)	2,105 (955)	2,723 (1,235)	3,000 (1,361)
Rated operating capacity (ROC) 50% (no counterweight)	lb SAE (kg)	3,009 (1,365)	3,995 (1,812)	4,314 (1,957)
ROC with full counterweight	lb SAE (kg)	2,138 (970)	N/A	N/A
Tipping load - no counterweight	lb (kg)	6,016 (2,729)	7,990 (3,624)	8,627 (3,913)
Tipping load - full counterweight	lb (kg)	6,109 (2,771)	N/A	N/A
Loader lift capacity with shovel	lbf (kg)	4,592 (2,083)	5,807 (2,634)	5,807 (2,634)
Bucket tilt breakout force	lbf (kgf)	4,945 (2,243)	6,543 (2,968)	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.		

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		
		LARGE PLATFORM
		270/300/270T/300T
Engine model	Kohler - KDI2504TCR/26A	EcoMAX TCAE-55
Displacement	in³ (cm³)	151 (2474)
Fuel	Diesel	Diesel
Cooling	Liquid	Liquid
Aspiration	Turbo	Turbo
Gross Power @ 2400 RPM		
SAE J1995	hp (kW)	74 (55)
Gross Torque @ 1200 RPM		
SAE J1995	lb/ft (Nm)	221.2 (300)
Starter motor	hp (kW)	2.72 (2)
Battery	V/Ah	12 / 109
Alternator	amps	100
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	
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	17.7 in (450 mm) wide traction lug
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
OPERATOR ENVIRONMENT		15.7 in (400 mm) wide traction lug
Full ROPS and Level 1 FOPS	•	17.7 in (450 mm) wide traction lug
7" display / touch screen	•	OPTIONAL FEATURES
Full visual and audible warning system	•	
Operator Enclosure access through side door	•	Canopy/Cab with AC
Fully adjustable seat	•	Mechanical and air suspension seats
Retractable seat belt	•	LED work lights
Electric over hydraulic controls with JCB multi-function joysticks	•	Road lights
Pod storage area	•	Beacon
Cup holder	•	Self levelling
Power socket	•	Parallel Lift
Rear view mirror	•	Smooth Ride System
Interior light	•	High Flow auxiliary hydraulics
Radio	•	Powered quick hitch
LIGHTING AND ELECTRICS		2-Speed
12 VDC Negative ground system	•	Exhaust spark arrestor
1,000 cold cranking amps (CCA) battery @0deg F	•	Fenders
Low charge pressure alarm	•	Reversing fan
Engine water temperature alarm	•	Pre-cleaner
Blocked air filter pressure alarm	•	Polycarbonate screen
Engine oil pressure alarm	•	Cab Guarding
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.

SKID STEER LOADER AND COMPACT TRACK LOADER | RANGE 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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