

SPECIFICATION



TRACKED EXCAVATOR | 245XR

Engine Power: 173 hp (129kW) Operating weight: 55,742 lbs (25,284 kg) - 60,184 lbs (27,299 kg) Bucket capacity: 0.46 y³ (0.35 m³) - 1.64 y³ (1.25 m³)



MINIMUM SWING. MAXIMUM SPACE.

The new JCB 245XR is the latest addition to our highly acclaimed X SERIES. Our engineering teams have once again obsessed over every minute detail of this new world-class excavator and produced a machine that boasts a reduced slewing radius, without any compromise on cab space or performance. The result is another machine in the X SERIES to be taken seriously. Another machine to be trusted. Another machine in our most advanced tracked excavator range.

MAXIMUM SPACE.

Despite having a reduced tail swing, the new 245XR still boasts the JCB CommandPlus cab, one of the biggest, most comfortable and easy to operate cabs on the market.



MINIMUM SWING.

The reduced tail swing of the new 245XR maximises its potential to perform safely in tight and congested environments such as modern highways and housing developments.

EXTREME STRENGTH.

It's taken 4 years of hydraulic, electronic and electrical development and thousands of hours of extreme endurance testing, to build you a machine that doesn't just look extremely strong, it is extremely strong.



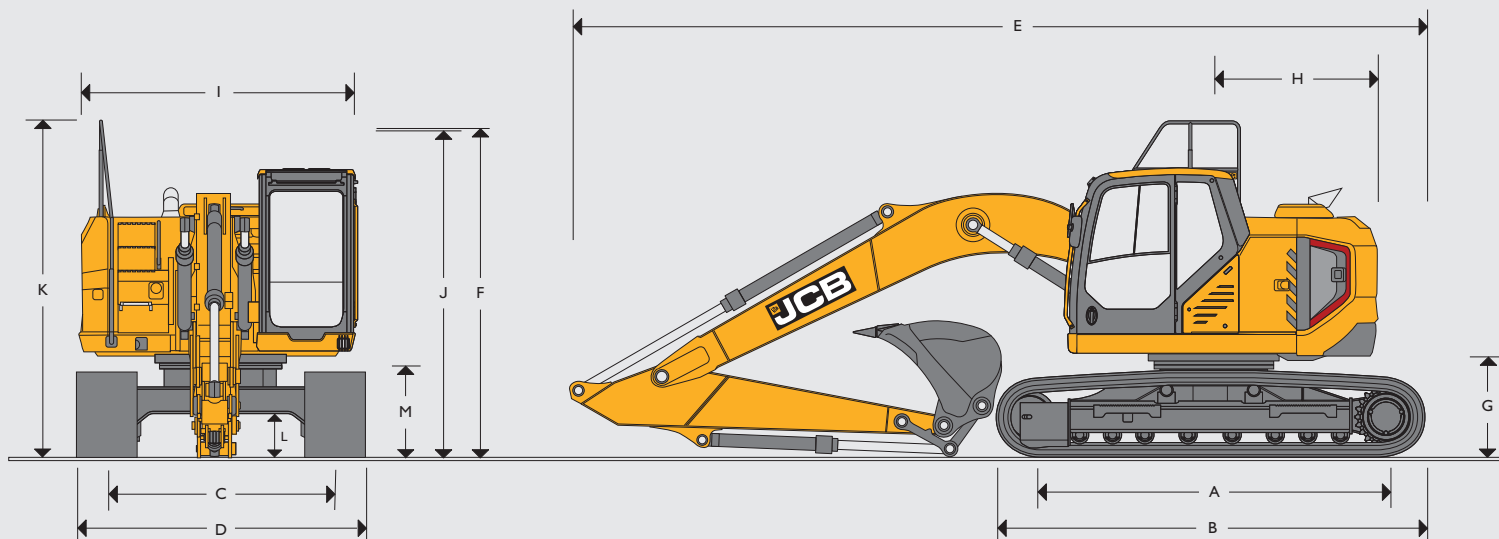
EXTRAORDINARY ATTENTION TO DETAIL.

The new 245XR utilizes state-of-the-art automotive style production facilities that have been invested into for the X SERIES range. We introduced new tooling, EPD coating, robot welding and established new relationships with many industry-leading suppliers to bring you not just great excavators, but exceptional ones.

EXCELLENT CONTROL.

4 years of hydraulic development combined with proven Japanese components have delivered the very best balance of controllability and efficiency.

STATIC DIMENSIONS



STATIC DIMENSIONS

Model		245 XR	
A	Track length on ground	ft-in (mm)	12-0 (3,660)
B	Undercarriage overall length	ft-in (mm)	14-8 (4,469)
C	Track Gauge	ft-in (mm)	7-10 (2,390)
D	Width over tracks (600mm track shoes)	ft-in (mm)	9-10 (2,990)
D	Width over tracks (700mm track shoes)	ft-in (mm)	10-2 (3,090)
D	Width over tracks (800mm track shoes)	ft-in (mm)	10-6 (3,190)
D	Width over tracks (900mm track shoes)	ft-in (mm)	10-10 (3,290)
G	Counterweight clearance	ft-in (mm)	3-6 (1,069)
H	Tail length	ft-in (mm)	5-8 (1,720)
I	Overall width of superstructure	ft-in (mm)	9-6 (2,889)
I	Overall width of superstructure (with Cab Grab Handle)	ft-in (mm)	9-7 (2,912)
J	Height over cab	ft-in (mm)	9-11 (3,031)
K	Ground clearance	ft-in (mm)	1-7 (486)
L	Track height	ft-in (mm)	2-11 (899)
M	Tail swing radius	ft-in (mm)	5-8 (1,720)
N	Overall height of upper structure with std. handrail	ft-in (mm)	11-7 (3,537)
N	Overall height to folded handrail	ft-in (mm)	10-2 (3,092)
		Mono	
Dipper lengths ft-in (m)		7-10 (2.4)	9-10 (3.0)
E	Transport length	ft-in (mm)	29-10 (9,084)
F	Transport height with Std Handrail	ft-in (mm)	11-7 (3,537)
F	Transport height with Folding Handrail	ft-in (mm)	10-2 (3,092)

ENGINE

Model	JCB EcoMAX 448 Stage IV
Type	4 stroke, 4 cylinder in-line, direct injection, turbocharged diesel
Rated Power	173 hp (129kW)
Piston Displacement	1.27 gal (4.8 litres)
Air Filtration	dry element with in cab warning indicator
Starting System	24 volt
Batteries	2 x 12 volt
Alternator	28 volt - 100 ampere
Maximum Torque	509 lbf @ 1500 rpm (690 Nm @ 1500 rpm)
Bore & Stroke	4.17 x 5.31 in (106 x 135mm)

SWING SYSTEM

Swing motor	Axial Piston type
Swing Brake	Hydraulic braking plus automatic spring applied disc type parking brake
Swing torque	18,322 lbf (81.5 kNm)
Swing speed	10.4 rpm
Swing gear	Large diameter, internally toothed fully sealed grease bath lubricated.
Swing lock	Switchable brake in cab

TRACK DRIVE

Type	Fully hydrostatic, two speed with autoshift
Travel motors	Variable swash axial piston type, fully guarded within undercarriage frame
Final drive	Planetary reduction, bolt-on sprockets
Service brake	Hydraulic counter balance valve
Park brake	Disc type, spring applied, automatic hydraulic release
Gradeability	70% (35°) continuous
Travel speed	High - 3.54 mph (5.7 km/h) Low - 1.99 mph (3.2 km/h)
Tractive effort	46,648 lbf (207.5 kN)

SERVICE CAPACITIES

Fuel tank	gal (l)	81.9 (310)
Engine coolant	gal (l)	7.1 (27)
Engine oil	gal (l)	5.4 (20.4)
Swing reduction gear	gal (l)	2.9 (11)
Track reduction gear (each side)	gal (l)	0.9 (3.5)
Hydraulic system	gal (l)	66.0 (250)
Hydraulic tank	gal (l)	31.7 (120)
DEF fluid capacity (if applicable.)	gal (l)	8.3 (31.4)

HYDRAULIC SYSTEM

Pumps

Main pumps	2 variable displacement axial piston type
Maximum flow	2 x 60.23 gpm (228 l/min)
Servo pump	Gear type
Servo pump maximum flow	4.23 gpm (16 l/min)

Control valve

A combined four and five spool control valve with auxiliary service spool as standard

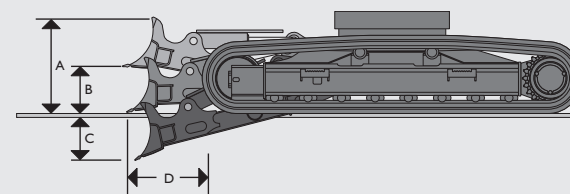
Relief valve settings

Boom/Arm/Bucket	4,975 psi (343 bar)
With power boost	5,410 psi (373 bar)
Swing circuit	4,061 psi (280 bar)
Travel circuit	4,975 psi (343 bar)
Pilot control	566 psi (39 bar)

Filtration

In tank	105 micron, suction strainer
Main return line	10 micron, glass fibre element
Pilot line	10 micron, glass fibre element
Hydraulic hammer return	10 micron, reinforced microform element

OPTIONAL BLADE



A	Blade Height	ft-in (mm)	2-0 (600)
B	Blade lift above ground	ft-in (mm)	1-4 (410)
C	Blade cut below ground	ft-in (mm)	1-5 (440)
D	Blade forward of track	ft-in (mm)	1-10 (567)
	Dozer width - (2ft 0in, 600mm)	ft-in (mm)	9-10 (2,990)
	Dozer width - (2ft 4in, 700mm)	ft-in (mm)	10-2 (3,110)

Additional machine weight with blade

600mm tracks	lbs (kg)	3,501 (1,588)
700mm tracks	lbs (kg)	3,532 (1,602)

SOUND LEVEL

Sound level in cab according to ISO 6396	69 dB LpA
External sound level according to ISO 6395 and EU Directive 2000/14/EC	102 dB LwA

UNDERCARRIAGE					
Carriage options	LC - Long Carriage				
Construction	Fully welded 'X' frame type with central bellyguarding and sloping side members with dirt relief holes under top rollers				
Recovery point	Front and rear				
Upper & lower rollers	Heat treated sealed and lubricated				
Track adjustment	Grease cylinder type				
Track idler	Sealed and lubricated, with spring cushioned recoil				
Track type	Sealed and lubricated				
Track shoes	ft-in (mm)	2-0 (600)	2-4 (700)	2-7 (800)	2-11 (900)
		LC			
No. of upper rollers		2			
No. of lower rollers		8			
No. of track guides		2			
No. of track shoes		49			

BUCKET AND ARM COMBINATION														245XR	
Bucket options		GP Buckets							HD Buckets						
Bucket width	ft-in (mm)	2-0 (610)	2-6 (762)	3-0 (915)	3-6 (1,067)	4-0 (1,219)	4-6 (1,372)	5-0 (1,524)	2-6 (750)	2-11 (900)	3-7 (1,100)	3-11 (1,200)	4-5 (1,350)	4-11 (1,500)	
Bucket capacity	y ³ (m ³)	0.46 (0.35)	0.67 (0.51)	0.86 (0.66)	1.06 (0.81)	1.26 (0.96)	1.45 (1.11)	1.66 (1.27)	0.68 (0.52)	0.86 (0.66)	1.06 (0.81)	1.26 (0.96)	1.45 (1.11)	1.64 (1.25)	
Bucket weight	lbs (kg)	1,056 (479)	1,171 (531)	1,299 (589)	1,420 (644)	1,576 (715)	1,702 (772)	1,856 (842)	1,345 (610)	1,523 (691)	1,658 (752)	1,792 (813)	1,971 (894)	2,105 (955)	
245XR LC Mono															
2.4m Quickhitch (No Quickhitch)		☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	
3.0m Quickhitch (No Quickhitch)		☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (■)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (■)	☐ (■)	
245XR LCD Mono															
2.4m Quickhitch (No Quickhitch)		☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	
3.0m Quickhitch (No Quickhitch)		☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (■)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (■)	☐ (■)	

- ☐ = Suitable for general excavating material weight up to 2000 kg/m³.
- = Suitable for grading and loading material weight up to 1600 kg/m³.
- = Suitable for light excavating material weight up to 1200 kg/m³.
- X = Not recommended.

These recommendations are given as a guide based on typical operating conditions.
Please contact your distributor for the correct selection of buckets and attachments to suit the application.

WEIGHTS AND GROUND BEARING PRESSURES

Figures include: 1.4 yd (1.1m³) bucket 1,702 lbs (772kg), operator 165 lbs (75kg), full fuel tank and 9ft 10in (2.4m) dipper

	Track shoe options			
	2ft 0 in (600mm) HD	2ft 4 in (700mm) HD	2ft 7 in (800mm) HD	2ft 11 in (900mm) HD
245XR LC MonoBoom				
Machine weight lbs (kg)	55,742 (25,284)	56,445 (25,603)	57,190 (25,941)	57,896 (26,261)
Ground bearing pressure psi (kg/cm ²)	7.1 (0.50)	6.3 (0.44)	5.5 (0.39)	5.0 (0.35)

245XR LC MonoBoom Dozer

Machine weight lbs (kg)	59,289 (26,893)	60,023 (27,226)	-	-
Ground bearing pressure psi (kg/cm ²)	7.7 (0.54)	6.7 (0.47)	-	-

Figures include: 1.4 yd (1.1m³) bucket 1,702 lbs (772kg), operator 165 lbs (75kg), full fuel tank and 7ft 10in (3.0m) dipper

	Track shoe options			
	2ft 0 in (600mm) HD	2ft 4 in (700mm) HD	2ft 7 in (800mm) HD	2ft 11 in (900mm) HD
245XR LC MonoBoom				
Machine weight lbs (kg)	55,900 (25,356)	56,606 (25,676)	57,351 (26,014)	58,054 (26,333)
Ground bearing pressure psi (kg/cm ²)	7.3 (0.51)	6.3 (0.44)	5.5 (0.39)	5 (0.35)

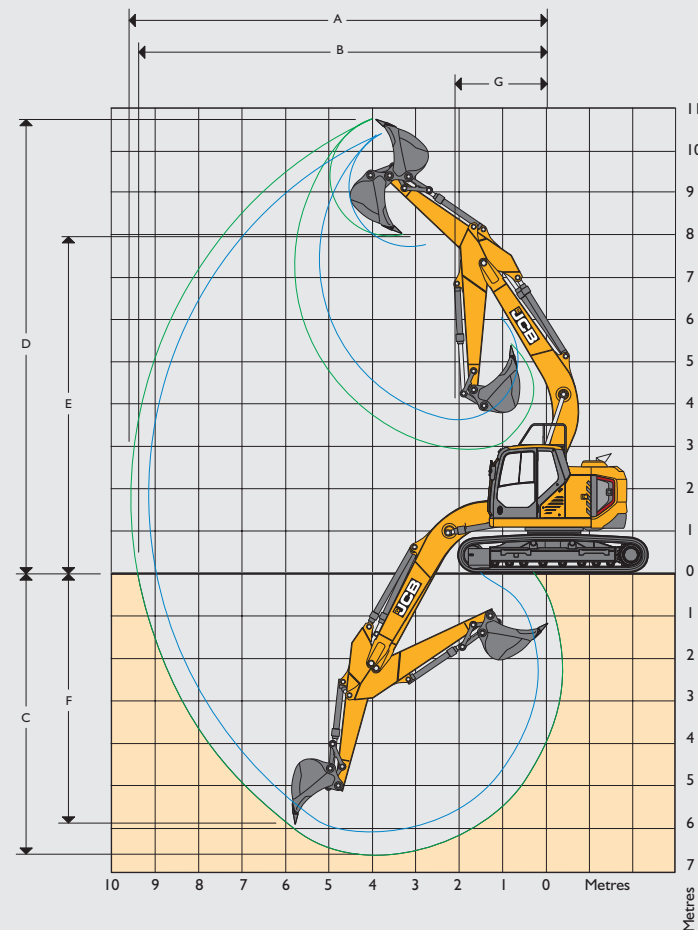
245XR LC MonoBoom Dozer

Machine weight lbs (kg)	59,448 (26,965)	60,184 (27,299)	-	-
Ground bearing pressure psi (kg/cm ²)	7.7 (0.54)	6.7 (0.47)	-	-

WORKING RANGE

245XR LC MONO

Dipper length:		7ft 10in (2.4m)	9ft 10in (3.0m)	
A	Maximum digging reach	ft-in (mm)	30-11 (9,423)	32-8 (9,952)
B	Maximum digging reach (on ground)	ft-in (mm)	30-4 (9,244)	32-1 (9,784)
C	Maximum digging depth	ft-in (mm)	19-9 (6,029)	21-9 (6,627)
D	Maximum digging height	ft-in (mm)	34-0 (10,354)	35-2 (10,708)
E	Maximum dumping height	ft-in (mm)	24-11 (7,593)	26-1 (7,951)
F	Maximum vertical wall cut depth	ft-in (mm)	17-11 (5,459)	19-9 (6,011)
G	Minimum swing radius	ft-in (mm)	8-5 (2,566)	7-8 (2,345)
	Bucket rotation	degrees	183	183
	Maximum dipper tearout	lbf (kN)	28,101 (125)	23,155 (103)
	Maximum bucket tearout	lbf (kN)	33,272 (148)	33,272 (148)



STANDARD/OPTIONAL EQUIPMENT

ENGINE	
JCB, Stage IV compliant, SCR, water cooled diesel turbocharged after cooled electronic 4 cylinder 4.8 litre engine	•
Start pre-heat	•
One touch idle	•
Auto-idle function	•
Automatic engine shutdown	•
Fan guard	•
Heavy-duty batteries	•
Fuel filter with sedimenter	•
Electronic engine control	•
Fuel cooler	•
Refuelling pump	•
Additional fuel filter with water separator	+
SAFETY	
Side guard rails on upper structure and steps	•
Rear view camera	•
Battery isolator	•
Key	•
Lockable fuel tank cap	•
Lockable hydraulic tank cap	•
Work lights (2 revolving frame, 2 boom mounted)	•
Roll over protective structure (ROPS)	•
Travel alarm	•
Additional LED light options	+
White noise alarm	+
Green beacon linked to seat belt	+
FOPS Level II guard top and front	+
Fire extinguisher (1kg powder)	+
Vandal guards	+
Chevron counterweight	+
Rotating roof beacon	+
2 x counterweight beacons	+
Twin camera	•
360 degree camera	+
Folding handrails	+
Full upper surrounding handrails	+
Arm limiter	+














CAB & INTERIOR	
Sound-insulated and 4 dual shock mounted cab	•
Opening front window and removable lower front window	•
Upper door sliding glass in 2 directions	•
Upper windscreen wiper	•
4 button joysticks	•
Travel pedals and T handle levers	•
2 foot rests	•
Immobiliser	•
Loudspeakers and connection for radio	•
Standard cab filtration	•
Electric dual tone horn	•
Interior cab light	•
3 x 12V sockets	•
7" colour monitor	•
Retractable 2" seat belt	•
Fixed roof glass	•
Roof blind	•
Cool box	•
Cup holder	•
Climate control	•
Rear window blind	•
3" seat belt	+
2" hi vis seat belt	+
3" hi vis seat belt	+
Front blind	•
Side window blind	•
Bluetooth radio (linked to pod controls and screen)	•
Carbon air filter	+
Deluxe seat: Heated, adjustable air suspension seat with adjustable headrest mechanical lumbar support	•
Super deluxe seat: Heated and air ventilation, adjustable air suspension seat with adjustable head rest and electric lumbar support	+
Rain guard visor	+
Dual front wiper	+
UNDERCARRIAGE	
Greased and sealed track links	•
Twin track guards	•
600, 700, 800, 900 mm HD triple grousers	+
Dozer for LC carriage 600mm or 700mm tracks	+

HYDRAULIC SYSTEM	
Boom and arm flow regeneration	•
One touch power boost	•
Boom/slew priority control	•
Cushion control	•
Cylinder cushioning and contamination seals	•
2 speed track motors	•
Oil cooler	•
10 attachment settings through the display	•
High, merged, medium and low flow options (shut off taps as standard)	+
Advanced tool select to control flow and pressure	+
Proportional control joystick sliders with electronic foot pedal	+
Bio oil	+
Panolin oil	+
Quickhitch pipework	+
Hydraulic quickhitch	+
ISO/SAE change over	+
SAE to BSP converters on high flow auxiliary pipework	+
Quick release couplings	+
Hose burst check valves (boom, arm & bucket)	+
Auxiliary vent to tank	+
Attachment case drain	+
DIG END	
Grouped greasing	•
Dippers 2.4m, 3.0m	+
Lifting hook tipping link	+
Lifting shackle tipping link	+
Bucket ram guard	+
Guards for boom mounted lights	+
OTHER	
Hour meter	•
Toolbox and storage tray	•
Wide core radiators	•
LiveLink telematics	•
HD slew bearing seal	•
10mm heavy-duty plates for upper and lower structure	+
Pleated radiator flyscreen	+
Work light guards	+
Service bay and access lighting	+
GPS ready	+

STANDARD •
OPTIONAL +














LIFT CAPACITIES - DIPPER LENGTH 9FT IOIN (3.0M), MONOBOOM, TRACKSHOES: 600HD, NO BUCKET

245XR LC MONO

Reach	4ft 11in (1.5m)		9ft 10in (3m)		14ft 9in (4.5m)		19ft 8in (6m)		24ft 7in (7.5m)		Capacity at Max. Reach			
														ft-in (mm)
Load Point Height	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	ft-in (mm)
24ft 7in (7.5m)							9,453 (4,288)*	9,453 (4,288)*				7,271 (3,298)*	7,271 (3,298)*	20-9 (6,327)
19ft 8in (6m)					12,743 (5,780)*	12,743 (5,780)*	12,419 (5,633)*	11,887 (5,392)				6,751 (3,062)*	6,751 (3,062)*	24-4 (7,429)
14ft 9in (4.5m)			18,598 (8,436)*	18,598 (8,436)*	16,429 (7,452)*	16,429 (7,452)*	13,907 (6,308)*	11,460 (5,198)	11,263 (5,109)*	7,985 (3,622)	6,629 (3,007)*	6,629 (3,007)*	6,629 (3,007)*	26-7 (8,107)
9ft 10in (3m)			22,531 (10,220)*	22,531 (10,220)*	20,119 (9,126)*	16,616 (7,537)	15,543 (7,050)*	10,828 (4,912)	12,491 (5,666)	7,710 (3,497)	6,779 (3,075)*	6,332 (2,872)	6,332 (2,872)	27-9 (8,464)
4ft 11in (1.5m)					23,246 (10,544)*	15,296 (6,938)	17,031 (7,725)	10,199 (4,626)	12,152 (5,512)	7,399 (3,356)	7,205 (3,268)*	6,080 (2,758)	6,080 (2,758)	28-0 (8,543)
0ft 0in (0m)			12,961 (5,879)*	12,961 (5,879)*	24,381 (11,059)*	14,555 (6,602)	16,517 (7,492)	9,744 (4,420)	11,795 (5,393)	7,072 (3,248)	9,405 (4,264)*	6,656 (2,998)	6,656 (2,998)	27-5 (8,351)
-4ft 11in (-1.5m)	13,647 (6,190)*	13,647 (6,190)*	21,887 (9,928)*	21,887 (9,928)*	23,499 (10,659)*	14,323 (6,497)	16,286 (7,387)	9,542 (4,328)	11,795 (5,350)	7,072 (3,208)	9,405 (4,266)*	6,656 (3,019)	6,656 (3,019)	25-10 (7,868)
-9ft 10in (-3m)	23,052 (10,456)*	23,052 (10,456)*	28,021 (12,710)*	28,021 (12,710)*	20,701 (9,390)*	14,454 (6,556)	15,459 (7,012)*	9,606 (4,357)			12,086 (5,482)*	7,829 (3,551)	7,829 (3,551)	23-1 (7,034)
-14ft 9in (-4.5m)			19,850 (9,004)*	19,850 (9,004)*	15,069 (6,835)*	14,961 (6,786)					10,860 (4,926)*	10,803 (4,900)	10,803 (4,900)	18-8 (5,691)














LIFT CAPACITIES - DIPPER LENGTH 7FT IOIN (2.4M), MONOBOOM, TRACKSHOES: 600HD, NO BUCKET

245XR LC MONO

Reach	4ft 11in (1.5m)		9ft 10in (3m)		14ft 9in (4.5m)		19ft 8in (6m)		24ft 7in (7.5m)		Capacity at Max. Reach			
														ft-in (mm)
Load Point Height	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	ft-in (mm)
24ft 7in (7.5m)					15,053 (6,828)*	15,053 (6,828)*						11,202 (5,081)*	11,202 (5,081)*	18-4 (5,585)
19ft 8in (6m)					15,611 (7,081)*	15,611 (7,081)*	15,278 (6,390)*	11,634 (5,277)				10,229 (4,640)*	9,348 (4,240)	22-4 (6,811)
14ft 9in (4.5m)			25,763 (11,686)*	25,763 (11,686)*	18,159 (8,237)*	17,566 (7,968)	14,972 (6,791)*	11,248 (5,102)	10,781 (4,890)*	7,840 (3,556)	9,590 (4,530)*	7,756 (3,518)	7,756 (3,518)	24-9 (7,546)
9ft 10in (3m)					21,678 (9,833)*	16,147 (7,324)	16,420 (7,448)*	10,657 (4,834)	12,403 (5,626)	7,639 (3,465)	10,203 (4,628)*	6,989 (3,170)	6,989 (3,170)	26-0 (7,929)
4ft 11in (1.5m)					24,141 (10,950)*	15,011 (6,809)	16,905 (7,668)	10,102 (4,582)	12,125 (5,500)	7,385 (3,350)	10,862 (4,927)*	6,711 (3,044)	6,711 (3,044)	26-3 (8,013)
0ft 0in (0m)					24,341 (11,041)*	14,515 (6,584)	16,504 (7,486)	9,747 (4,421)	11,942 (5,417)	7,218 (3,274)	11,292 (5,122)	6,848 (3,106)	6,848 (3,106)	25-7 (7,808)
-4ft 11in (-1.5m)			22,569 (10,237)*	22,569 (10,237)*	22,639 (10,269)*	14,458 (6,558)	16,387 (7,433)	9,647 (4,376)			12,438 (5,642)	7,505 (3,404)	7,505 (3,404)	23-22 (7,289)
-9ft 10in (-3m)			24,222 (10,987)*	24,222 (10,987)*	18,955 (8,598)*	14,718 (6,676)	13,938 (6,322)*	9,850 (4,468)			12,421 (5,634)*	9,143 (4,147)	9,143 (4,147)	20-11 (6,376)
-14ft 9in (-4.5m)					11,290 (5,121)*	11,290 (5,121)*					9,870 (4,477)*	9,870 (4,477)*	9,870 (4,477)*	15-11 (4,850)

LIFT CAPACITIES - DIPPER LENGTH 9FT IOIN (3.0M), MONOBOOM, TRACKSHOES: 600HD, NO BUCKET

245XR LCD MONO

Reach	4ft 11in (1.5m)		9ft 10in (3m)		14ft 9in (4.5m)		19ft 8in (6m)		24ft 7in (7.5m)		Capacity at Max. Reach			
														ft-in (mm)
Load Point Height	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	ft-in (mm)
24ft 7in (7.5m)							9,453 (4,288)*	9,453 (4,288)*				7,271 (3,298)*	7,271 (3,298)*	20-9 (6,327)
19ft 8in (6m)					12,743 (5,780)*	12,743 (5,780)*	12,419 (5,633)*	12,419 (5,633)*				6,751 (3,062)*	6,751 (3,062)*	24-4 (7,429)
14ft 9in (4.5m)			18,598 (8,436)*	18,598 (8,436)*	16,429 (7,452)*	16,429 (7,452)*	13,907 (6,308)*	12,183 (5,526)	11,263 (5,109)*	8,536 (3,872)	6,629 (3,007)*	6,629 (3,007)*	6,629 (3,007)*	26-7 (8,107)
9ft 10in (3m)			22,531 (10,220)*	22,531 (10,220)*	20,119 (9,126)*	17,677 (8,018)	15,543 (7,050)*	11,552 (5,240)	12,721 (5,770)	8,259 (3,746)	6,779 (3,075)*	6,779 (3,075)*	6,779 (3,075)*	27-9 (8,464)
4ft 11in (1.5m)					23,246 (10,544)*	16,354 (7,418)	17,079 (7,747)*	10,922 (4,954)	12,381 (5,616)	7,948 (3,605)	7,205 (3,268)*	6,552 (2,972)	6,552 (2,972)	28-0 (8,543)
0ft 0in (0m)			12,961 (5,879)*	12,961 (5,879)*	24,381 (11,059)*	15,613 (7,082)	16,830 (7,634)	10,468 (4,748)	12,119 (5,497)	7,707 (3,496)	7,990 (3,624)*	6,649 (3,016)	6,649 (3,016)	27-5 (8,351)
-4ft 11in (-1.5m)	13,647 (6,190)*	13,647 (6,190)*	21,887 (9,928)*	21,887 (9,928)*	23,599 (10,659)*	15,384 (6,978)	16,596 (7,528)	10,265 (4,656)	12,022 (5,453)	7,621 (3,457)	9,405 (4,266)*	7,174 (3,254)	7,174 (3,254)	25-10 (7,868)
-9ft 10in (-3m)	23,052 (10,456)*	23,052 (10,456)*	28,021 (12,710)*	28,021 (12,710)*	20,701 (9,390)*	15,512 (7,036)	15,459 (7,012)*	10,326 (4,684)			12,086 (5,482)*	8,422 (3,820)	8,422 (3,820)	23-1 (7,034)
-14ft 9in (-4.5m)			19,850 (9,004)*	19,850 (9,004)*	15,069 (6,835)*	15,069 (6,835)*					10,860 (4,926)*	10,860 (4,926)*	10,860 (4,926)*	18-8 (5,691)



Lift capacity front and rear.
















Lift capacity full circle.

Notes:

- Lifting capacities are based on ISO 10,567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
- Lift capacities assume that the machine is on firm, level ground.
- Lift capacities may be limited by local regulations. Please refer to your dealer.














LIFT CAPACITIES - DIPPER LENGTH 7FT 10IN (2.4M), MONOBOOM, TRACKSHOES: 600HD, NO BUCKET

245XR LCD MONO

Reach	4ft 11in (1.5m)		9ft 10in (3m)		14ft 9in (4.5m)		19ft 8in (6m)		24ft 7in (7.5m)		Capacity at Max. Reach			
														ft-in (mm)
Load Point Height	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	ft-in (mm)
24ft 7in (7.5m)					15,053 (6,828)*	15,053 (6,828)*						11,202 (5,081)*	11,202 (5,081)*	18-4 (5,585)
19ft 8in (6m)					15,611 (7,081)*	15,611 (7,081)*	15,278 (6,390)*	12,357 (5,605)				10,229 (4,640)*	9,965 (4,520)	22-4 (6,811)
14ft 9in (4.5m)			25,763 (11,686)*	25,763 (11,686)*	18,159 (8,237)*	18,159 (8,237)*	14,972 (6,791)*	11,969 (5,429)	10,781 (4,890)*	8,391 (3,806)	9,590 (4,530)*	8,300 (3,765)	24-9 (7,546)	
9ft 10in (3m)					21,678 (9,833)*	17,205 (7,804)	16,420 (7,448)*	11,380 (5,162)	12,630 (5,729)	8,186 (3,713)	10,203 (4,628)*	7,502 (3,403)	26-0 (7,929)	
4ft 11in (1.5m)					24,141 (10,950)*	16,072 (7,290)	17,216 (7,809)	10,825 (4,910)	12,355 (5,604)	7,934 (3,599)	10,862 (4,927)*	7,218 (3,274)	26-3 (8,013)	
0ft 0in (0m)					23,341 (11,041)*	15,576 (7,065)	16,815 (7,627)	10,470 (4,749)	12,172 (5,521)	7,769 (3,524)	11,510 (5,221)	7,370 (3,343)	25-7 (7,808)	
-4ft 11in (-1.5m)			22,569 (10,237)*	22,569 (10,237)*	22,639 (10,269)*	15,518 (7,039)	16,698 (7,574)	10,368 (4,703)			12,677 (5,750)	8,073 (3,662)	23-11 (7,289)	
-9ft 10in (-3m)			24,222 (10,987)*	24,222 (10,987)*	18,955 (8,598)*	15,778 (7,157)	13,938 (6,322)*	10,573 (4,796)			12,421 (5,634)*	9,811 (4,450)	20-11 (6,376)	
-14ft 9in (-4.5m)					11,290 (5,121)*	11,290 (5,121)*					9,870 (4,477)*	9,870 (4,477)*	15-11 (4,850)	














LIFT CAPACITIES - DIPPER LENGTH 9FT 10IN (3.0M), MONOBOOM, TRACKSHOES: 700HD, NO BUCKET

245XR LC MONO

Reach	4ft 11in (1.5m)		9ft 10in (3m)		14ft 9in (4.5m)		19ft 8in (6m)		24ft 7in (7.5m)		Capacity at Max. Reach			
														ft-in (mm)
Load Point Height	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	ft-in (mm)
24ft 7in (7.5m)							9,453 (4,288)*	9,452 (4,288)*				7,271 (3,298)*	7,271 (3,298)*	20-9 (6,327)
19ft 8in (6m)					12,743 (5,780)*	12,743 (5,780)*	12,419 (5,633)*	12,031 (5,457)				6,751 (3,062)*	6,751 (3,062)*	24-4 (7,429)
14ft 9in (4.5m)			18,598 (8,436)*	18,598 (8,436)*	16,429 (7,452)*	16,429 (7,452)*	13,907 (6,308)*	11,603 (5,263)	11,263 (5,109)*	8,095 (3,672)	6,629 (3,007)*	6,629 (3,007)*	26-7 (8,107)	
9ft 10in (3m)			22,531 (10,220)*	22,531 (10,220)*	20,119 (9,126)*	16,826 (7,632)	15,543 (7,050)*	10,972 (4,977)	12,668 (5,746)	7,820 (3,547)	6,779 (3,075)*	6,424 (2,914)	27-9 (8,464)	
4ft 11in (1.5m)					23,246 (10,544)*	15,505 (7,033)	17,079 (7,747)*	10,342 (4,691)	13,328 (5,592)	7,509 (3,406)	7,205 (3,268)*	6,175 (2,801)	28-0 (8,543)	
0ft 0in (0m)			12,961 (5,879)*	12,961 (5,879)*	24,381 (11,059)*	14,764 (6,697)	16,755 (7,600)	9,890 (4,486)	12,066 (5,473)	7,271 (3,298)	7,990 (3,624)*	6,263 (2,841)	27-5 (8,351)	
-4ft 11in (-1.5m)	13,647 (6,190)*	13,647 (6,190)*	21,887 (9,928)*	21,887 (9,928)*	23,499 (10,659)*	14,533 (6,592)	16,526 (7,496)	9,685 (4,393)	11,969 (5,429)	7,180 (3,257)	9,405 (4,266)*	6,757 (3,065)	25-10 (7,868)	
-9ft 10in (-3m)	23,052 (10,456)*	23,052 (10,456)*	28,021 (12,710)*	28,021 (12,710)*	20,701 (9,390)*	14,663 (6,651)	15,459 (7,012)*	9,749 (4,422)			12,086 (5,482)*	7,948 (3,605)	23-1 (7,034)	
-14ft 9in (-4.5m)			19,850 (9,004)*	19,850 (9,004)*	15,069 (6,835)*	15,069 (6,835)*					10,860 (4,926)*	10,860 (4,926)*	18-8 (5,691)	

LIFT CAPACITIES - DIPPER LENGTH 7FT 10IN (2.4M), MONOBOOM, TRACKSHOES: 700HD, NO BUCKET

245XR LC MONO

Reach	4ft 11in (1.5m)		9ft 10in (3m)		14ft 9in (4.5m)		19ft 8in (6m)		24ft 7in (7.5m)		Capacity at Max. Reach			
														ft-in (mm)
Load Point Height	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	ft-in (mm)
24ft 7in (7.5m)					15,053 (6,828)*	15,053 (6,828)*						11,202 (5,081)*	11,202 (5,081)*	18-4 (5,585)
19ft 8in (6m)					15,611 (7,081)*	15,611 (7,081)*	15,278 (6,390)*	11,777 (5,342)				10,229 (4,640)*	9,471 (4,296)	22-4 (6,811)
14ft 9in (4.5m)			25,763 (11,686)*	25,763 (11,686)*	18,159 (8,237)*	17,776 (8,063)	14,972 (6,791)*	11,391 (5,167)	10,781 (4,890)*	7,950 (3,606)	9,590 (4,530)*	7,864 (3,567)	24-9 (7,546)	
9ft 10in (3m)					21,678 (9,833)*	16,356 (7,419)	16,420 (7,448)*	10,083 (4,900)	12,577 (5,705)	7,747 (3,514)	10,203 (4,628)*	7,092 (3,217)	26-0 (7,929)	
4ft 11in (1.5m)					24,141 (10,950)*	15,223 (6,905)	17,143 (7,776)	10,247 (4,648)	12,302 (5,580)	7,496 (3,400)	10,862 (4,927)*	6,810 (3,089)	26-3 (8,013)	
0ft 0in (0m)					24,141 (10,950)*	14,727 (6,680)	16,742 (7,594)	9,890 (4,486)	12,119 (5,497)	7,328 (3,324)	11,460 (5,198)	6,951 (3,153)	25-7 (7,808)	
-4ft 11in (-1.5m)			22,569 (10,237)*	22,569 (10,237)*	22,639 (10,269)*	14,667 (6,653)	16,627 (7,542)	9,789 (4,440)			12,621 (5,725)	9,275 (3,455)	23-11 (7,289)	
-9ft 10in (-3m)			24,222 (10,987)*	24,222 (10,987)*	18,955 (8,598)*	14,930 (6,772)	13,938 (6,322)*	9,994 (4,533)			12,421 (5,634)*	9,275 (4,207)	20-11 (6,376)	
-14ft 9in (-4.5m)					11,290 (5,121)*	11,290 (5,121)*					9,870 (4,477)*	9,870 (4,477)*	15-11 (4,850)	



Lift capacity front and rear.















Lift capacity full circle.

Notes:

1. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
2. Lift capacities assume that the machine is on firm, level ground.
3. Lift capacities may be limited by local regulations. Please refer to your dealer.









LIFT CAPACITIES - DIPPER LENGTH 9FT 10IN (3.0M), MONOBOOM, TRACKSHOES: 700HD, NO BUCKET

245XR LCD MONO

Reach	4ft 11in (1.5m)		9ft 10in (3m)		14ft 9in (4.5m)		19ft 8in (6m)		24ft 7in (7.5m)		Capacity at Max. Reach		ft-in (mm)	
														
Load Point Height	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)		
24ft 7in (7.5m)							9,453 (4,288)*	9,453 (4,288)*				7,271 (3,298)*	7,271 (3,298)*	20-9 (6,327)
19ft 8in (6m)					12,743 (5,780)*	12,743 (5,780)*	12,419 (5,633)*	12,419 (5,633)*				6,751 (3,062)*	6,751 (3,062)*	24-4 (7,429)
14ft 9in (4.5m)			18,598 (8,436)*	18,598 (8,436)*	16,429 (7,452)*	16,429 (7,452)*	13,907 (6,308)*	12,333 (5,594)	11,263 (5,109)*	8,647 (3,922)	6,629 (3,007)*	6,629 (3,007)*	6,629 (3,007)*	26-7 (8,107)
9ft 10in (3m)			22,531 (10,220)*	22,531 (10,220)*	20,119 (9,126)*	17,895 (8,117)	15,543 (7,050)*	11,702 (5,308)	12,879 (5,842)	8,371 (3,797)	6,779 (3,075)*	6,779 (3,075)*	6,779 (3,075)*	27-9 (8,464)
4ft 11in (1.5m)					23,246 (10,544)*	16,574 (7,518)	17,079 (7,747)*	11,072 (5,022)	12,540 (5,688)	8,062 (3,657)	7,205 (3,268)*	6,649 (3,016)	6,649 (3,016)	28-0 (8,543)
0ft 0in (0m)			12,961 (5,879)*	12,961 (5,879)*	24,381 (11,059)*	15,834 (7,182)	17,046 (7,732)	10,617 (4,816)	12,280 (5,570)	7,822 (3,548)	7,990 (3,624)*	6,751 (3,062)	6,751 (3,062)	27-5 (8,351)
-4ft 11in (-1.5m)	13,647 (6,190)*	13,647 (6,190)*	21,887 (9,928)*	21,887 (9,928)*	23,499 (10,659)*	15,604 (7,078)	16,815 (7,627)	10,415 (4,724)	12,181 (5,525)	7,734 (3,508)	9,405 (4,266)*	7,280 (3,302)	7,280 (3,302)	25-10 (7,868)
-9ft 10in (-3m)	23,052 (10,456)*	23,052 (10,456)*	28,021 (12,710)*	28,021 (12,710)*	20,701 (9,390)*	15,732 (7,136)	15,459 (7,012)*	10,479 (4,753)			12,086 (5,482)*	8,545 (3,876)	8,545 (3,876)	23-1 (7,034)
-14ft 9in (-4.5m)			19,850 (9,004)*	19,850 (9,004)*	15,069 (6,835)*	15,069 (6,835)*					10,860 (4,926)*	10,860 (4,926)*	10,860 (4,926)*	18-8 (5,691)

LIFT CAPACITIES - DIPPER LENGTH 7FT 10IN (2.4M), MONOBOOM, TRACKSHOES: 700HD, NO BUCKET

245XR LCD MONO

Reach	4ft 11in (1.5m)		9ft 10in (3m)		14ft 9in (4.5m)		19ft 8in (6m)		24ft 7in (7.5m)		Capacity at Max. Reach		ft-in (mm)	
														
Load Point Height	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)	lbs (kg)		
24ft 7in (7.5m)					15,053 (6,828)*	15,053 (6,828)*						11,202 (5,081)*	11,202 (5,081)*	18-4 (5,585)
19ft 8in (6m)					15,611 (7,081)*	15,611 (7,081)*	15,278 (6,390)*	12,507 (5,673)				10,229 (4,640)*	10,093 (4,578)	22-4 (6,811)
14ft 9in (4.5m)			25,763 (11,686)*	25,763 (11,686)*	18,159 (8,237)*	18,159 (8,237)*	14,972 (6,791)*	12,121 (5,498)	10,781 (4,890)*	8,503 (3,857)	9,590 (4,530)*	8,415 (3,817)	8,415 (3,817)	24-9 (7,546)
9ft 10in (3m)					21,678 (9,833)*	17,425 (7,904)	16,420 (7,448)*	11,530 (5,230)	12,791 (5,802)	8,300 (3,765)	10,203 (4,628)*	7,610 (3,452)	7,610 (3,452)	26-0 (7,929)
4ft 11in (1.5m)					24,141 (10,950)*	16,292 (7,390)	17,432 (7,907)	10,975 (4,978)	12,516 (5,677)	8,049 (3,651)	10,862 (4,927)*	7,322 (3,321)	7,322 (3,321)	26-3 (8,013)
0ft 0in (0m)					24,341 (11,041)*	15,794 (7,164)	17,031 (7,725)	10,620 (4,817)	12,330 (5,593)	7,879 (3,574)	11,660 (5,289)	7,478 (3,392)	7,478 (3,392)	25-7 (7,808)
-4ft 11in (-1.5m)			22,569 (10,237)*	22,569 (10,237)*	22,639 (10,269)*	15,737 (7,138)	16,916 (7,673)	10,518 (4,771)			12,901 (5,825)	8,190 (3,715)	8,190 (3,715)	23-11 (7,289)
-9ft 10in (-3m)			24,222 (10,987)*	24,222 (10,987)*	18,955 (8,598)*	15,999 (7,257)	13,938 (6,322)*	10,723 (4,864)			12,421 (5,634)*	9,949 (4,513)	9,949 (4,513)	20-11 (6,376)
-14ft 9in (-4.5m)					11,290 (5,121)*	11,290 (5,121)*					9,870 (4,477)*	9,870 (4,477)*	9,870 (4,477)*	15-11 (4,850)



Lift capacity front and rear.



Lift capacity full circle.

Notes:

1. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
2. Lift capacities assume that the machine is on firm, level ground.
3. Lift capacities may be limited by local regulations. Please refer to your dealer.



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Tracked Excavator 245XR

Engine Power: 173 hp (129kW) Operating weight: 55,742 lbs (25,284 kg) - 60,184 lbs (27,299 kg) Bucket capacity: 0.46 y³ (0.35 m³) - 1.64 y³ (1.25 m³)

JCB North America
 2000 Bamford Blvd., Pooler, Georgia, 31322 Tel: (912) 447-2000

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