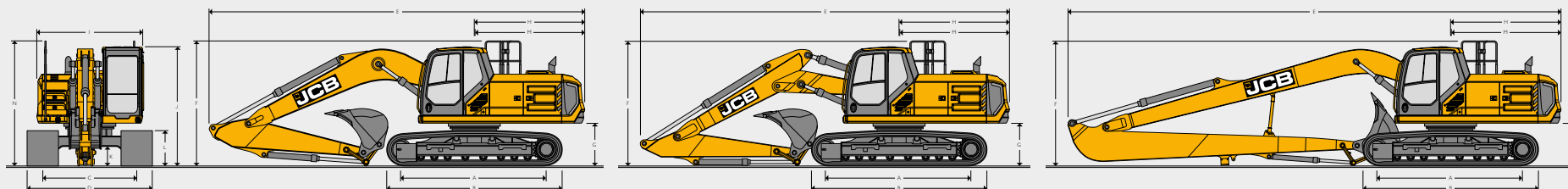


220X
SERIES



STATIC DIMENSIONS



STATIC DIMENSIONS

A	Track length on ground	m (ft-in)				3.660 (12-0)
B	Undercarriage overall length	m (ft-in)				4.460 (14-6)
C	Track gauge	m (ft-in)				2.390 (7-8)
D	Width over tracks – 500 mm (20") trackshoes	m (ft-in)				2.890 (9-5)
D	Width over tracks – 600 mm (24") trackshoes	m (ft-in)				2.990 (9-8)
D	Width over tracks – 700 mm (28") trackshoes	m (ft-in)				3.090 (10-1)
D	Width over tracks – 800 mm (31") trackshoes	m (ft-in)				3.190 (10-5)
D	Width over tracks – 900 mm (35") trackshoes	m (ft-in)				3.290 (10-8)
G	Counterweight clearance	m (ft-in)				1.077 (3-5)
H	Tail length	m (ft-in)				2.813 (9-2)
I	Overall width of superstructure	m (ft-in)				2.698 (8-9)
J	Height over cab	m (ft-in)				3.020 (9-9)
K	Ground clearance	m (ft-in)				485 (1-6)
L	Track height	m (ft-in)				885 (2-9)
M	Tail swing radius	m (ft-in)				2.846 (9-3)
N	Overall height of upper structure	m (ft-in)				3.170 (10-4)
			Mono		T.A.B	
Dipper lengths			2.4 m (7' 10")	3.0 m (9' 10")	2.4 m (7' 10")	3.0 m (9' 10")
E	Transport length	m (ft-in)	9.624 (31-6)	9.562 (31-4)	9.622 (31-6)	9.409 (30-9)
F	Transport height	m (ft-in)	3.200 (10-5)	3.086 (10-1)	3.266 (10-7)	3.152 (10-3)
						LR
						6.4 m (20' 10")
						12.546 (41-2)
						3.079 (10-1)

ENGINE

Model	JCB EcoMAX Tier 4 Final / IV.
Type	4 stroke, 4 cylinder in-line, direct injection, turbocharged diesel.
Nett power (ISO 3046-INF)	173 HP (129 kW)
Piston displacement	4.8 litres (316.9 cubic inches)
Air filtration	Dry element with in cab warning indicator.
Starter motor	24 volt - 6.0HP
Batteries	2 x 12 volt.
Alternator	28 volt - 100 ampere.
Maximum torque	690 Nm (509 lbf) @ 1500 rpm.
Bore and stroke	106 x 135 mm (4.2 x 5.3").

SWING SYSTEM

Swing motor	Axial piston type.
Swing brake	Hydraulic braking plus automatic spring applied disc type parking brake.
Swing torque	68.7 kNm (50,670 lbf).
Swing speed	11.0 rpm.
Swing gear	Large diameter, internally toothed fully sealed grease bath lubricated.
Swing lock	Switchable brake in cab.

SPECIFICATION 220X LC

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 deg) continuous.
Travel speed	High – 5.7 km/h (3.5 mph). Low – 3.2 km/h (2.0mph).
Tractive effort	207.5 kNm (153,044 lbf ft).

SERVICE CAPACITIES

Fuel tank	L (gal)	387 (102.24)
Engine coolant	L (gal)	38 (10.04)
Engine oil	L (gal)	20.4 (5.39)
Swing reduction gear	L (gal)	8 (2.12)
Track reduction gear (each side)	L (gal)	3.5 (0.92)
Hydraulic system	L (gal)	250 (66.04)
Hydraulic tank	L (gal)	120 (31.70)
DEF fluid	L (gal)	47.7 (12.60)

UNDERCARRIAGE

Carriage options	LC – Long Carriage				
Construction	Fully welded 'X' frame type with central bellyguarding and sloping sidemembers with dirt relief holes under top rollers.				
Recovery point	Front and rear.				
Upper and 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 shoe options	500 mm (20")	600 mm (24")	700 mm (28")	800 mm (31")	900 mm (35")
	SC	SC	SC	SC	–
	LC	LC	LC	LC	LC
	SLC	SLC	SLC	SLC	–
	LC				
No. of upper rollers (per side)	2				
No. of lower rollers (per side)	8				
No. of track guides (per side)	2				
No. of track shoes (per side)	49				

SOUND LEVEL

Operator Sound Pressure Level – ISO 6396: 2008	68 dB LpA
Exterior Sound Pressure Level – ISO 6396: 2008 & EU Directive 2000/14/EC	102 dB LwA

HYDRAULIC SYSTEM

Pumps	
Main pumps	2 variable displacement axial piston type.
Maximum flow	2 x 228 l/min (60.2 gal/min).
Servo pump	Gear type.
Servo pump maximum flow	16 l/min (4.2 gal/min).

Control valve

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

Relief valve settings

Boom/Arm/Bucket	343 bar (4975 psi).
With power boost	373 bar (5410 psi).
Swing circuit	250 bar (3626 psi).
Travel circuit	343 bar (4975 psi).
Pilot control	39 bar (566 psi).

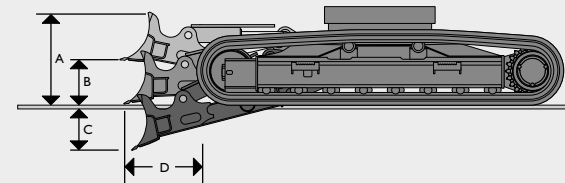
Filtration

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

Hydraulic cylinders

	Quantity	Bore mm (in)	Rod diameter mm (in)
Boom	2	125 (4.9)	85 (3.3)
Arm	1	130 (5.1)	95 (3.7)
Bucket	1	115 (4.5)	85 (3.3)
LR Bucket	1	95 (3.7)	70 (2.8)
TAB position	1	140 (5.5)	95 (3.7)

OPTIONAL BLADE



A	Blade height	mm (in)	600 (23.6)
B	Blade lift above ground	mm (in)	410 (16.1)
C	Blade cut below ground	mm (in)	440 (17.3)
D	Blade forward of track	mm (in)	567 (22.3)
	Dozer width – 700 (28") tracks	mm (in)	3,110 (122.4)

Additional machine weight with blade

700 mm (28") tracks	kg (lb)	1,602 (3,532)
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BUCKET AND ARM COMBINATION - MONOBOOM															
Bucket options		GP Bucket							HD Bucket						
Bucket width	mm (in)	600 (23.6)	700 (27.6)	900 (35.4)	1,100 (43.3)	1,200 (47.2)	1,350 (53.1)	1,500 (59.1)	600 (23.6)	750 (27.6)	900 (35.4)	1,100 (43.3)	1,200 (47.2)	1,350 (53.1)	1,500 (59.1)
Bucket capacity	m³ (ft³)	0.38 (13.4)	0.51 (18.0)	0.66 (23.3)	0.81 (28.6)	0.95 (33.5)	1.10 (38.8)	1.25 (41.4)	0.38 (13.4)	0.52 (18.4)	0.66 (23.3)	0.81 (26.6)	0.95 (33.5)	1.11 (39.2)	1.25 (44.4)
Bucket weight	kg (lb)	506 (1116)	565 (1246)	637 (1401)	691 (1523)	763 (1682)	817 (1801)	889 (1960)	544 (1199)	610 (1345)	691 (1523)	752 (1658)	813 (1792)	894 (1971)	955 (2105)
2.4 m Quickhitch (No Quickhitch)		□ (□)	□ (□)	□ (□)	□ (□)	□ (□)	□ (□)	□ (□)	□ (□)	□ (□)	□ (□)	□ (□)	□ (□)	□ (□)	□ (□)
3.0 m Quickhitch (No Quickhitch)		□ (□)	□ (□)	□ (□)	□ (□)	□ (□)	□ (□)	■ (□)	□ (□)	□ (□)	□ (□)	□ (□)	□ (□)	□ (□)	■ (□)

□ = Suitable for general excavating materials up to 2000kg/m³ (3371 lb/yd³).
■ = Suitable for light excavating materials up to 1600kg/m³ (2697 lb/yd³).
● = Suitable for grading and loading materials up to 1200kg/m³ (2023 lb/yd³).

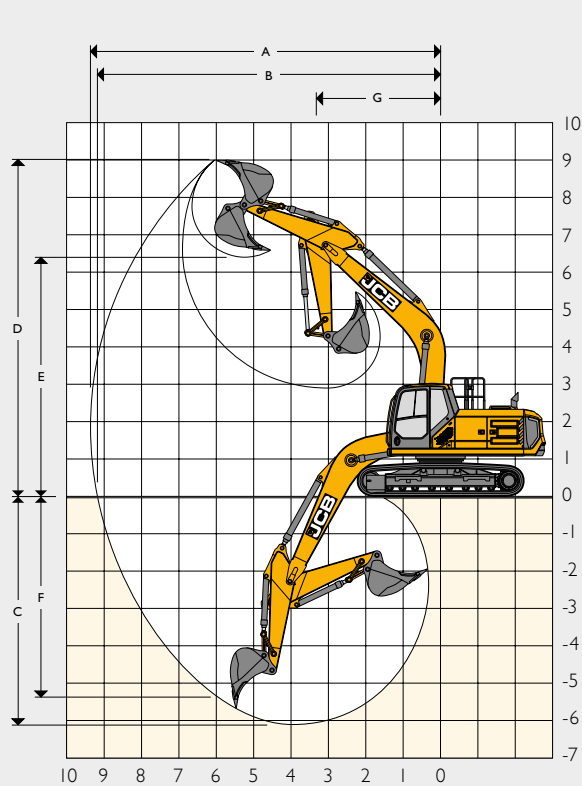
These recommendations are given as a guide based on typical operating conditions.
Please contact your distributor for the correct selection of buckets and attachments to suit the application.

WEIGHTS AND GROUND BEARING PRESSURES		
Figures include 1.1 m³ (38.8 ft³) bucket 778 kg (1715 lb), operator, full fuel tank and 2.4 m (7' 10") dipper.		
	700 mm (28") shoes	800 mm (31") shoes
220X LC Monoboom		
Machine weight	kg (lb)	23,461 (51,723)
Ground bearing pressure	kg/cm² (psi)	0.40 (5.7)
220X LC T.A.B.		
Machine weight	kg (lb)	24,177 (53,301)
Ground bearing pressure	kg/cm² (psi)	0.41 (5.8)
220X LC LR		
Machine weight	kg (lb)	23,985 (52,878)
Ground bearing pressure	kg/cm² (psi)	0.41 (5.8)

SPECIFICATION 220X LC

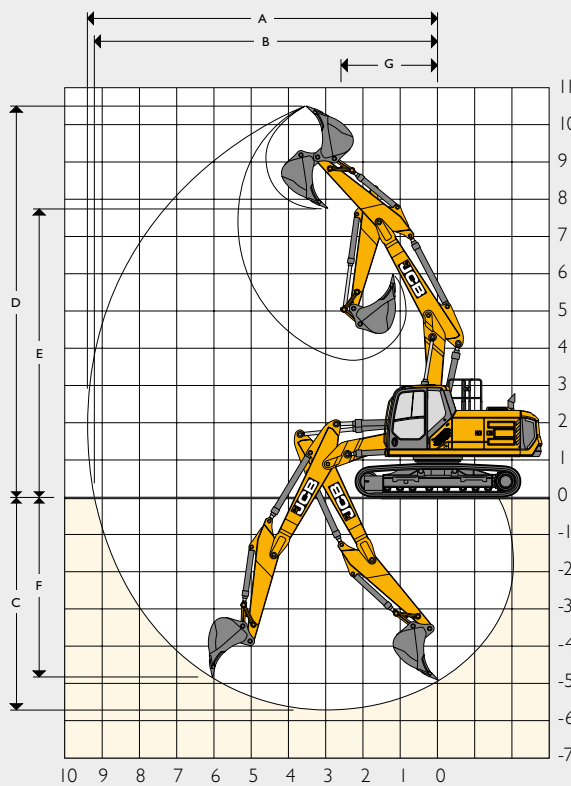
WORKING RANGE – MONOBOOM 5.7 M (18' 8")

Dipper length:		2.4 m (7' 10")	3.0 m (9' 10")
A	Maximum digging reach	m (ft-in) 9.361 (30-7)	9.859 (32-3)
B	Maximum digging reach (on ground)	m (ft-in) 9.171 (30-1)	9.679 (31-8)
C	Maximum digging depth	m (ft-in) 6.096 (20-0)	6.694 (22-0)
D	Maximum digging height	m (ft-in) 9.002 (29-5)	9.087 (29-8)
E	Maximum dumping height	m (ft-in) 6.408 (21-0)	6.537 (21-4)
F	Maximum vertical wall cut depth	m (ft-in) 5.368 (17-6)	5.706 (18-7)
G	Minimum swing radius	m (ft-in) 3.331 (10-9)	2.884 (9-5)
H	Minimum dumping height	m (ft-in) 2.906 (9-5)	2.306 (7-6)
Bucket rotation		degrees 183	183
Maximum dipper tearout		kN (lbf) 126.6 (28,461)	106.1 (23,852)
Maximum bucket tearout		kN (lbf) 150 (33,721)	150 (33,721)



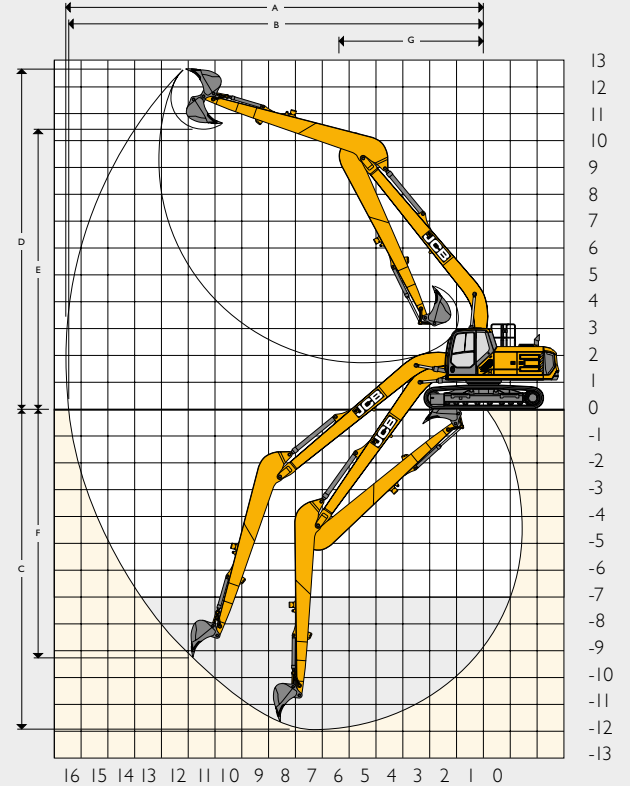
WORKING RANGE – T.A.B. 5.7 M (18' 8")

Dipper length:		2.4 m (7' 10")	3.0 m (9' 10")
A	Maximum digging reach	m (ft-in) 9.418 (30-9)	9.955 (32-7)
B	Maximum digging reach (on ground)	m (ft-in) 9.229 (30-3)	9.776 (32-1)
C	Maximum digging depth	m (ft-in) 5.716 (18-8)	6.297 (20-7)
D	Maximum digging height	m (ft-in) 10.514 (34-5)	10.890 (35-7)
E	Maximum dumping height	m (ft-in) 7.742 (25-4)	8.120 (26-6)
F	Maximum vertical wall cut depth	m (ft-in) 4.841 (15-9)	5.418 (17-8)
G	Minimum swing radius	m (ft-in) 2.602 (8-5)	2.275 (7-5)
H	Minimum dumping height	m (ft-in) 3.683 (12-1)	3.008 (9-9)
Bucket rotation		degrees 183	183
Maximum dipper tearout		kN (lbf) 125 (28,101)	103.4 (23,245)
Maximum bucket tearout		kN (lbf) 148 (33,272)	148 (33,272)



WORKING RANGE – LR 8.7 M (28' 5")

Dipper length:		6.4 m (21' 0")
A	Maximum digging reach	m (ft-in) 15.628 (51-3)
B	Maximum digging reach (on ground)	m (ft-in) 15.514 (50-9)
C	Maximum digging depth	m (ft-in) 11.985 (39-3)
D	Maximum digging height	m (ft-in) 12.710 (41-7)
E	Maximum dumping height	m (ft-in) 10.451 (34-3)
F	Maximum vertical wall cut depth	m (ft-in) 9.307 (30-5)
G	Minimum swing radius	m (ft-in) 5.427 (17-8)
H	Minimum dumping height	m (ft-in) 1.730 (5-7)
Bucket rotation		degrees 183
Maximum dipper tearout		kN (lbf) 68.4 (15,377)
Maximum bucket tearout		kN (lbf) 99.8 (22,436)













Working dimensions calculated using 980/B0092 GP bucket on Monoboom and T.A.B. and 980/A0391 GP bucket on LR.











STANDARD/OPTIONAL EQUIPMENT











ENGINE		CAB & INTERIOR		HYDRAULIC SYSTEM	
JCB, Stage IV compliant, SCR, water cooled diesel turbocharged after cooled electronic 4 cylinder 4.8 litre engine	•	Pressurised cab to EN 15695-1 : 2009 Category 2	•	Boom and arm flow regeneration	•
Start pre-heat	•	Sound-insulated and 4 dual shock mounted cab	•	One touch power boost	•
One touch idle	•	Mechanical suspension seat	•	Boom/slew priority control	•
Auto-idle function	•	Heater	•	Cushion control	•
Automatic engine shutdown	•	Opening front window and removable lower front window	•	Cylinder cushioning and contamination seals	•
Fan guard	•	Upper door sliding glass in 2 directions	•	2 speed track motors	•
Heavy-duty batteries	•	Upper windscreen wiper	•	Oil cooler	•
Fuel filter with sedimenter	•	4 button joysticks	•	10 attachment settings through the display	•
Electronic engine control	•	Travel pedals and T handle levers	•	High, merged, medium and low flow options (shut off taps as standard)	+
Fuel cooler	•	2 foot rests	•	Advanced tool select to control flow and pressure	+
Refuelling pump with inline filter	+	Immobiliser	•	Proportional control joystick sliders with electronic foot pedal	+
Additional fuel filter with water separator	+	Loudspeakers and connection for radio	•	Bio oil	+
Reversing fan	+	Standard cab filtration	•	Panolin oil	+
Winter kit	+	Electric dual tone horn	•	Quickhitch pipework	+
SAFETY		Interior cab light	•	Hydraulic quickhitch	+
Side guard rails on upper structure and steps	•	3 x 12v sockets	•	ISO/SAE change over	+
Rear view camera	•	7" color monitor	•	SAE to BSP converters on high flow auxiliary pipework	+
Battery isolator	•	Retractable 2" seat belt	•	Quick release couplings	+
Key	•	Fixed roof glass	•	Hose burst check valves (boom, arm & bucket)	+
Lockable fuel tank cap	•	Roof blind	•	Boom float	+
Lockable hydraulic tank cap	•	Cool box	•	Auxiliary vent to tank	+
Work lights (2 revolving frame, 2 boom mounted)	•	Cup holder	•	Attachment case drain	+
Roll over protective structure (ROPS)	•	Climate control	+	Steelwrist ready	+
Travel alarm	•	Rear window blind	+	DIG END	
Additional light options (Levels 2 & 3 available in halogen or LED)	+	3" seat belt	+	Grouped greasing	•
White noise alarm	+	2" hi vis seat belt	+	Auto greasing	+
Demolition cage (FOPS Level II) – XD build only	+	3" hi vis seat belt	+	Dippers 2.4 m, 3.0 m	+
Green beacon linked to seat belt	+	Front blind	+	HD dipper 2.4 m, 3.0 m	+
FOPS Level II guard top and front	+	Side window blind	+	Lifting hook tipping link	+
Fire extinguisher (1kg powder)	+	Opening roof hatch	+	Lifting shackle tipping link	+
Vandal guards	+	Bluetooth radio (linked to pod controls and screen)	+	Bucket ram guard	+
Chevron counterweight	+	Carbon air filter	+	Triple articulated boom	+
Rotating roof beacon	+	Powered cabin filter	+	Guards for boom mounted lights	+
2 x counterweight beacons	+	Deluxe seat: Heated, adjustable air suspension seat with adjustable headrest mechanical lumbar support	+	OTHER	
Twin camera	+	Super deluxe seat: Heated and air ventilation, adjustable air suspension seat with adjustable head rest and electric lumbar support	+	Hour meter	•
360 degree camera	+	Rain guard visor	+	Toolbox and storage tray	•
Folding handrails	+	Dual front wiper	+	Wide core radiators	•
Full upper surrounding handrails	+	UNDERCARRIAGE		LiveLink telematics	•
Arm limiter	+	Greased and sealed track links	•	HD slew bearing seal	•
		Twin track guards	•	10mm heavy-duty plates for upper and lower structure	+
		Full length track guards	+	Pleated radiator flyscreen	+
		500, 600, 700, 800, 900 mm triple grouser shoe	+	Work light guards	+
		Dozer for LC carriage 600 mm or 700 mm tracks	+	Service bay and access lighting	+
				GPS ready	+
				Compressed air cleaning kit	+
				Side impact protection revolving frame	+
				Shovel storage	+

STANDARD •
OPTIONAL +

SPECIFICATION 220X LC

LIFT CAPACITIES – DIPPER LENGTH: 2.4 M (7' 10"), MONOBOOM: 5.7 M (18' 8"), TRACKSHOES: 500 MM (20"), NO BUCKET											220X LC MONO
Reach	3 m (9' 10")		4.5 m (14' 9")		6 m (19' 8")		7.5 m (24' 7")		Capacity at Max. Reach		
											
Load Point Height	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	m (ft-in)
7.5 m (24' 7")									5,600 (12,346)*	5,600 (12,346)*	5,539 (18-2)
6 m (19' 8")					5,400 (11,905)*	5,400 (11,905)*			5,400 (11,905)*	4,620 (10,185)	6,760 (22-2)
4.5 m (14' 9")			6,860 (15,124)*	6,860 (15,124)*	5,860 (12,919)*	5,490 (12,103)			5,310 (11,707)*	3,870 (8,532)	7,491 (24-6)
3 m (9' 10")			8,670 (19,114)*	7,970 (17,571)	6,650 (14,661)*	5,260 (11,596)	5,780 (12,743)*	3,780 (8,333)	5,390 (11,883)	3,510 (7,738)	7,872 (25-8)
1.5 m (4' 11")			10,210 (22,509)*	7,510 (16,557)	7,440 (16,402)*	5,030 (11,089)	5,700 (12,566)	3,680 (8,113)	5,230 (11,530)	3,380 (7,452)	7,954 (26-1)
Ground level			10,870 (23,964)*	7,300 (16,094)	7,800 (17,196)	4,890 (10,781)	5,630 (12,412)	3,610 (7,959)	5,380 (11,861)	3,460 (7,628)	7,746 (25-4)
Below 1.5 m (4' 11")	10,960 (24,163)*	10,960 (24,163)*	10,720 (23,634)*	7,270 (16,028)	7,750 (17,086)	4,850 (10,692)			5,940 (13,095)	3,800 (8,378)	7,223 (23-7)
Below 3 m (9' 10")	13,500 (29,762)*	13,500 (29,762)*	9,770 (21,539)*	7,370 (16,248)	7,160 (15,785)*	4,930 (10,869)			6,630 (14,617)*	4,360 (9,612)	6,305 (20-7)
Below 4.5 m (14' 9")	10,130 (22,333)*	10,130 (22,333)*	7,170 (15,807)*	7,170 (15,807)*					6,590 (14,528)*	6,590 (14,528)*	4,767 (15-6)

LIFT CAPACITIES – DIPPER LENGTH: 3.0M (9' 10"), MONOBOOM: 5.7M (18' 8"), TRACKSHOES: 500MM (20"), NO BUCKET											220X LC MONO
Reach	3 m (9' 10")		4.5 m (14' 9")		6 m (19' 8")		7.5 m (24' 7")		Capacity at Max. Reach		
											
Load Point Height	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	m (ft-in)
7.5 m (24' 7")					4,670 (10,296)*	4,670 (10,296)*			3,980 (8,774)*	3,980 (8,774)*	6,235 (20-5)
6 m (19' 8")									3,730 (8,223)*	3,730 (8,223)*	7,339 (24-1)
4.5 m (14' 9")					5,300 (11,684)*	5,300 (11,684)*	5,000 (11,023)*	3,900 (8,598)	3,690 (8,135)*	3,480 (7,672)	8,017 (26-3)
3 m (9' 10")	12,250 (27,007)*	12,250 (27,007)*	7,800 (17,196)*	7,800 (17,196)*	6,140 (13,536)*	5,290 (11,662)	5,370 (11,839)*	3,780 (8,333)	3,810 (8,400)*	3,180 (7,011)	8,374 (27-5)
1.5 m (4' 11")			9,550 (21,054)*	7,560 (16,667)	7,030 (15,498)*	5,030 (11,089)	5,690 (12,544)	3,660 (8,069)	4,080 (8,995)*	3,060 (6,746)	8,451 (27-7)
Ground level	6,500 (14,330)*	6,500 (14,330)*	10,560 (23,280)*	7,250 (15,984)	7,690 (16,954)*	4,840 (10,670)	5,580 (12,302)	3,560 (7,848)	4,570 (10,075)*	3,110 (6,856)	8,255 (27-1)
Below 1.5 m (4' 11")	10,820 (23,854)*	10,820 (23,854)*	10,750 (23,699)*	7,150 (15,763)	7,660 (16,887)	4,760 (10,494)	5,540 (12,214)	3,520 (7,760)	5,280 (11,640)	3,370 (7,430)	7,767 (25-5)
Below 3 m (9' 10")	14,570 (32,121)*	14,000 (30,865)*	10,170 (22,421)*	7,200 (15,873)	7,530 (16,601)*	4,780 (10,538)			6,240 (13,757)*	3,970 (8,752)	6,923 (22-7)
Below 4.5 m (14' 9")	11,880 (26,191)*	11,880 (26,191)*	8,450 (18,629)*	7,410 (16,336)					6,500 (14,330)*	5,510 (12,147)	5,562 (18-2)

LIFT CAPACITIES – DIPPER LENGTH: 2.4M (7' 10"), T.A.B.: 5.7M (18' 8"), TRACKSHOES: 500MM (20"), NO BUCKET											220X LC T.A.B.
Reach	3 m (9' 10")		4.5 m (14' 9")		6 m (19' 8")		7.5 m (24' 7")		Capacity at Max. Reach		
											
Load Point Height	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	m (ft-in)
9 m (29' 5")									7,300 (16,093)*	7,300 (16,094)*	3,459 (11-3)
7.5 m (24' 7")			7,060 (15,564)*	7,060 (15,564)*					5,610 (12,367)*	5,610 (12,368)*	5,628 (18-5)
6 m (19' 8")			7,300 (16,093)*	7,300 (16,093)*	6,450 (14,219)*	5,690 (12,544)			5,110 (11,265)*	4,560 (10,053)	6,833 (22-4)
4.5 m (14' 9")			8,350 (18,408)*	8,350 (18,408)*	6,810 (15,013)*	5,520 (12,170)	5,460 (12,037)*	3,870 (8,532)	4,960 (10,934)*	3,820 (8,422)	7,557 (24-8)
3 m (9' 10")			9,760 (21,517)*	7,960 (17,549)	7,390 (16,292)*	5,260 (11,596)	5,850 (12,897)	3,780 (8,333)	5,040 (11,111)*	3,460 (7,628)	7,935 (26-0)
1.5 m (4' 11")			10,690 (23,567)*	7,440 (16,402)	7,860 (17,328)*	5,010 (11,045)	5,730 (12,632)	3,670 (8,091)	5,190 (11,442)	3,330 (7,341)	8,016 (26-3)
Ground level			10,660 (23,501)*	7,210 (15,895)	7,810 (17,218)	4,850 (10,692)	5,650 (12,456)	3,600 (7,937)	5,340 (11,773)	3,410 (7,518)	7,809 (25-6)
Below 1.5 m (4' 11")	10,420 (22,972)*	10,420 (22,972)*	9,770 (21,539)*	7,180 (15,829)	7,400 (16,314)*	4,800 (10,582)			5,580 (12,301)*	3,740 (8,245)	7,291 (23-9)
Below 3 m (9' 10")			7,950 (17,526)*	7,300 (16,094)	5,810 (12,808)*				5,080 (11,199)*	4,540 (10,009)	6,383 (20-9)



Lift capacity front and rear.













Lift capacity full circle.











Notes:

- 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.
- 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: 3.0 M (9' 10"), T.A.B.: 5.7 M (18' 8"), TRACKSHOES: 500 MM (20"), NO BUCKET**220X LC T.A.B.**

Reach	3 m (9' 10")		4.5 m (14' 9")		6 m (19' 8")		7.5 m (24' 7")		Capacity at Max. Reach		
											
Load Point Height	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	m (ft-in)
9 m (29' 5")			4,470 (9855)*	4,470 (9855)*					4,240 (9,347)*	4,240 (9,347)*	4,568 (15-2)
7.5 m (24' 7")					4,690 (10,340)*	4,690 (10,340)*			3,520 (7,760)*	3,520 (7,760)*	6,364 (20-9)
6 m (19' 8")			6,070 (13,382)*	6,070 (13,382)*	5,940 (13,095)*	5,820 (12,831)			3,260 (7,187)*	3,260 (7,187)*	7,449 (24-4)
4.5 m (14' 9")	8,760 (19,312)*	8,760 (19,312)*	7,640 (16,843)*	7,640 (16,843)*	6,380 (14,065)*	5,620 (12,390)	5,480 (12,081)*	3,940 (8,686)	3,190 (7,032)*	3,190 (7,032)*	8,118 (26-6)
3 m (9' 10")			9,130 (20,128)*	8,170 (18,012)	7,040 (15,521)*	5,340 (11,773)	5,900 (13,007)	3,820 (8,422)	3,250 (7,165)*	3,140 (6,923)	8,470 (27-8)
1.5 m (4' 11")			10,360 (22,839)*	7,570 (16,689)	7,640 (16,843)*	5,060 (11,155)	5,740 (12,655)	3,680 (8,113)	3,440 (7,583)*	3,030 (6,680)	8,546 (28-0)
Ground level	8,760 (13,315)*	8,760 (13,315)*	10,730 (23,655)*	7,230 (15,939)	7,810 (17,218)	4,850 (10,692)	5,630 (12,412)	3,570 (7,871)	3,790 (8,355)*	3,080 (6,790)	8,353 (27-4)
Below 1.5 m (4' 11")	10,320 (22,751)*	10,320 (22,751)*	10,210 (22,509)*	7,120 (15,697)	7,640 (16,843)*	4,760 (10,494)	5,580 (12,302)	3,530 (7,782)	4,410 (9,722)*	3,320 (7,319)	7,871 (25-8)
Below 3 m (9' 10")	11,650 (25,683)*	11,650 (25,683)*	8,810 (19,422)*	7,180 (15,829)	6,590 (14,528)*	4,790 (10,560)			5,040 (11,111)*	3,900 (8,598)	7,040 (23-1)

LIFT CAPACITIES – DIPPER LENGTH: 2.4 M (7' 10"), MONOBOOM: 5.7 M (18' 8"), TRACKSHOES: 600 MM (24"), NO BUCKET**220X LC DOZER MONO**

Reach	3 m (9' 10")		4.5 m (14' 9")		6 m (19' 8")		7.5 m (24' 7")		Capacity at Max. Reach		
											
Load Point Height	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	m (ft-in)
7.5 m (24' 7")									5,600 (12,345)*	5,600 (12,345)*	5,539 (18-2)
6 m (19' 8")					5,400 (11,904)*	5,400 (11,904)*			5,400 (11,904)*	4,940 (10,891)	6,760 (22-2)
4.5 m (14' 9")			6,860 (15,123)*	6,860 (15,123)*	5,860 (12,919)*	5,860 (12,919)			5,310 (11,706)*	4,150 (9,149)	7,491 (24-6)
3 m (9' 10")			8,670 (19,114)*	8,510 (18,761)	6,650 (14,660)*	5,630 (12,412)	5,780 (12,742)*	4,060 (8,951)	5,450 (12,015)*	3,770 (8,311)	7,872 (25-8)
1.5 m (4' 11")			10,210 (22,509)*	8,060 (17,769)	7,440 (16,402)*	5,410 (11,927)	6,120 (13,492)*	3,960 (8,730)	5,840 (12,874)*	3,640 (8,025)	7,954 (26-1)
Ground level			10,870 (23,964)*	7,850 (17,306)	7,940 (17,504)*	5,260 (11,596)	6,330 (13,955)*	3,900 (8,598)	6,080 (13,404)	3,730 (8,223)	7,746 (25-4)
Below 1.5 m (4' 11")	10,960 (24,162)*	10,960 (24,162)*	10,720 (23,633)*	7,820 (17,240)	7,960 (17,548)*	5,220 (11,508)			6,390 (14,087)*	4,090 (9,017)	7,223 (23-7)
Below 3 m (9' 10")	13,500 (29,762)*	13,500 (29,762)*	9,770 (21,539)*	7,920 (17,461)	7,160 (15,785)*	5,300 (11,684)			6,630 (14,616)*	4,980 (10,979)	6,305 (20-7)
Below 4.5 m (14' 9")	10,130 (22,332)*	10,130 (22,332)*	7,170 (15,807)*	7,170 (15,807)*					6,590 (14,528)*	6,590 (14,28)*	4,767 (15-6)

LIFT CAPACITIES – DIPPER LENGTH: 3.0 M (9' 10"), MONOBOOM: 5.7 M (18' 8"), TRACKSHOES: 600 MM (24"), NO BUCKET**220X LC DOZER MONO**

Reach	3 m (9' 10")		4.5 m (14' 9")		6 m (19' 8")		7.5 m (24' 7")		Capacity at Max. Reach		
											
Load Point Height	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	m (ft-in)
7.5 m (24' 7")					4,670 (10,295)*	4,670 (10,295)*			3,980 (8,774)*	3,980 (8,774)*	6,235 (20-5)
6 m (19' 8")									3,730 (8,223)*	3,730 (8,223)*	7,339 (24-1)
4.5 m (14' 9")					5,300 (11,684)*	5,300 (11,684)*	5,000 (11,023)*	4,180 (9,215)	3,690 (8,135)*	3,690 (8,135)*	8,017 (26-3)
3 m (9' 10")	12,250 (27,006)*	12,250 (27,006)*	7,800 (17,196)*	7,800 (17,196)*	6,140 (13,536)*	5,660 (12,478)	5,370 (11,838)*	4,070 (8,973)	3,810 (8,399)*	3,430 (7,562)	8,374 (27-5)
1.5 m (4' 11")			9,550 (21,054)*	8,110 (17,879)	7,030 (15,498)*	5,400 (11,905)	5,820 (12,830)*	3,940 (8,686)	4,080 (8,994)*	33,10 (7,297)	8,451 (27-7)
Ground level	6,500 (14,330)*	6,500 (14,330)*	10,560 (23,280)*	7,790 (17,174)	7,690 (16,953)*	5,220 (11,508)	6,160 (13,580)*	3,840 (8,466)	4,570 (10,075)*	3,370 (7,430)	8,255 (27-1)
Below 1.5 m (4' 11")	10,820 (23,854)*	10,820 (23,854)*	10,750 (23,699)*	7,690 (16,954)	7,920 (17,460)*	5,130 (11,310)	6,190 (13,646)*	3,800 (8,378)	5,450 (12,015)*	3,640 (8,025)	7,767 (25-5)
Below 3 m (9' 10")	14,570 (32,121)*	14,570 (32,121)*	10,170 (22,421)*	7,740 (17,064)	7,530 (16,600)*	5,160 (11,376)			6,240 (13,756)*	4,280 (9,436)	6,923 (22-7)
Below 4.5 m (14' 9")	11,880 (26,190)*	11,880 (26,190)*	8,450 (18,629)*	7,950 (17,527)					6,500 (14,330)*	5,920 (13,051)	5,562 (18-2)



Lift capacity front and rear.























Lift capacity full circle.

Notes:

- 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.
- Lift capacities assume that the machine is on firm, level ground.
- Lift capacities may be limited by local regulations. Please refer to your dealer.

SPECIFICATION 220X LC

LIFT CAPACITIES – DIPPER LENGTH: 2.4 M (7' 10"), T.A.B.: 5.7 M (18' 8"), TRACKSHOES: 600 MM (24"), NO BUCKET										220X LC DOZER T.A.B.	
Reach	3m (9' 10")		4.5m (14' 9")		6m (19' 8")		7.5m (24' 7")		Capacity at Max. Reach		
											
Load Point Height	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	m (ft-in)
9 m (29' 5")									7,300 (16,093)*	7,300 (16,093)*	3,459 (11-3)
7.5 m (24' 7")			7,060 (15,564)*	7,060 (15,564)*					5,610 (12,367)*	5,610 (12,367)*	5,628 (18-5)
6 m (19' 8")			7,300 (16,093)*	7,300 (16,093)*	6,450 (14,219)*	6,070 (13,382)			5,110 (11,265)*	4,880 (10,759)	6,833 (22-4)
4.5 m (14' 9")			8,350 (18,408)*	8,350 (18,408)*	6,810 (15,013)*	5,900 (13,007)	5,460 (12,037)*	4,150 (9,149)	4,960 (10,934)*	4,100 (9,039)	7,557 (24-8)
3 m (9' 10")			9,760 (21,517)*	8,500 (18,739)	7,390 (16,292)*	5,630 (12,412)	6,170 (13,602)*	4,060 (8,951)	5,040 (11,111)*	3,720 (8,201)	7,935 (26-0)
1.5 m (4' 11")			10,690 (23,567)*	7,990 (17,615)	7,860 (17,328)*	5,380 (11,861)	6,290 (13,867)*	3,950 (8,708)	5,330 (11,750)*	3,590 (7,915)	8,016 (26-3)
Ground level			10,660 (23,501)*	7,760 (17,108)	7,930 (17,482)*	5,220 (11,508)	6,140 (13,536)*	3,880 (8,554)	5,770 (12,720)*	3,680 (8,113)	7,809 (25-6)
Below 1.5 m (4' 11")	10 420 (22 972)*	10 420 (22 972)*	9,770 (21,539)*	7,730 (17,042)	7,400 (16,314)*	5,180 (11,420)			5,580 (12,301)*	4,030 (8,885)	7,291 (23-9)
Below 3 m (9' 10")			7,950 (17,526)*	7,850 (17,306)	5,810 (12,808)*	5,270 (11,618)			5,080 (11,199)*	4,880 (10,759)	6,383 (20-9)

LIFT CAPACITIES – DIPPER LENGTH: 3.0 M (9' 10"), T.A.B.: 5.7 M (18' 8"), TRACKSHOES: 600 MM (24"), NO BUCKET										220X LC DOZER T.A.B.	
Reach	3 m (9' 10")		4.5 m (14' 9")		6 m (19' 8")		7.5 m (24' 7")		Capacity at Max. Reach		
											
Load Point Height	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	m (ft-in)
9 m (29' 5")			4,470 (9854)*	4,470 (9854)*					4,240 (9,347)*	4,240 (9,347)*	4,568 (15-0)
7.5 m (24' 7")					4,690 (10,339)*	4,690 (10,339)*			3,520 (7,760)*	3,520 (7,760)*	6,364 (20-9)
6 m (19' 8")			6,070 (13,382)*	6,070 (13,382)*	5,940 (13,095)*	5,940 (13,095)*			3,260 (7,187)*	3,260 (7,187)*	7,449 (24-4)
4.5 m (14' 9")	8,760 (19,312)*	8,760 (19,312)*	7,640 (16,843)*	7,640 (16,843)*	6,380 (14,065)*	6,000 (13,228)	5,480 (12,081)*	4,220 (9,304)	3,190 (7,032)*	3,190 (7,032)*	8,118 (26-6)
3 m (9' 10")			9,130 (20,128)*	8,710 (19,202)	7,040 (15,520)*	5,710 (12,588)	5,920 (13,051)*	4,100 (9,039)	3,250 (7,165)*	3,250 (7,165)*	8,470 (27-8)
1.5 m (4' 11")			10,360 (22,839)*	8,110 (17,879)	7,640 (16,843)*	5,430 (11,971)	6,170 (13,602)*	3,960 (8,730)	3,440 (7,583)*	3,270 (7,209)	8,546 (28-0)
Ground level	6,040 (13,315)*	6,040 (13,315)*	10,730 (23,655)*	7,780 (17,152)	7,900 (17,416)*	5,220 (11,508)	6,210 (13,690)*	3,850 (8,488)	3,790 (8,355)*	3,330 (7,341)	8,353 (27-4)
Below 1.5 m (4' 11")	10,320 (22,751)*	10,320 (22,751)*	10,210 (22,509)*	7,670 (16,909)	7,640 (16,843)*	5,130 (11,310)	5,800 (12,786)*	3,810 (8,400)	4,410 (9,722)*	35,90 (7,915)	7,871 (25-8)
Below 3 m (9' 10")	11,650 (25,683)*	11,650 (25,683)*	8,810 (19,422)*	7,730 (17,042)	6,590 (14,528)*	5,160 (11,376)			5,040 (11,111)*	4,210 (9,281)	7,040 (23-1)



Lift capacity front and rear.





















Lift capacity full circle.

Notes:

- 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.
- 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: 6.4,M (21' 0"), MONOBOOM: 8.7,M (28' 5"), TRACKSHOES: 500,MM (20"), NO BUCKET

220X LC LR MONO

Reach	3,m (9' 10")		4.5,m (14' 9")		6,m (19' 8")		7.5,m (24' 7")		9,m (29' 5")		10.5,m (34' 4")		12,m (39' 4")		13.5,m (44' 3")		Capacity at Max. Reach		
																			
Load Point Height	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	kg (lb)	m (ft-in)
11.5,m (37' 7")																			1,370 (3,020)* 1,370 (3,020)* 10,801 (35-4)
10.5,m (34' 4")																			1310 (2,888)* 1,310 (2,888)* 11,627 (38-1)
9,m (29' 5")													2,020 (4,453)*	1,890 (4,167)					1,250 (2,755)* 1,250 (2,755)* 12,615 (41-4)
7.5,m (24' 7")													2,090 (4,607)*	1,870 (4,123)					1,230 (2,711)* 1,230 (2,711)* 13,363 (43-8)
6,m (19' 8")																			
4.5,m (14' 9")																			
3,m (9' 10")	8,960 (19,753)*	8,960 (19,753)*			4,090 (9,016)*	4,090 (9,016)*	3,370 (7,429)*	3,370 (7,429)*	2,930 (6,459)*	2,720 (5,997)	2,640 (5,820)*	2,250 (4,960)	2,290 (5,048)*	1,730 (3,814)	2,220 (4,894)*	1,340 (2,954)	1,240 (2,733)*	1,160 (2,557)	14,276 (46-8)
1.5,m (4' 11")	3,210 (7,076)*	3,210 (7,076)*	7,070 (15,586)*	6,520 (14,374)	4,970 (10,956)*	4,450 (9,811)	3,910 (8,620)*	3,260 (7,187)	3,280 (7,231)*	2,490 (5,490)	2,880 (6,349)*	1,940 (4,277)	2,580 (5,688)	1,530 (3,373)	2,110 (4,652)	1,210 (2,668)	1,320 (2,910)*	1,030 (2,271)	14,523 (47-6)
Ground level	3,290 (7,253)*	3,290 (7,253)*	7,600 (16,755)*	5,730 (12,632)	5,710 (12,588)*	3,960 (8,730)	4,400 (9,700)*	2,940 (6,482)	3,620 (7,980)*	2,280 (5,027)	3,040 (6,702)	1,800 (3,968)	2,480 (5,467)	1,440 (3,175)	2,050 (4,519)	1,150 (2,535)	1,410 (3,108)*	1,010 (2,227)	14,410 (47-3)
Below 1.5,m (4' 11")	4,200 (9,259)*	4,200 (9,259)*	7,280 (16,049)*	5,350 (11,795)	6,210 (13,690)*	3,640 (8,025)	4,700 (10,362)	2,710 (5,975)	3,640 (8,025)	21,10 (4,652)	2,920 (6,437)	1,680 (3,704)	2,390 (5,269)	1,360 (2,998)	2,000 (4,409)	1,110 (2,447)	1,520 (3,351)*	1,020 (2,249)	14,138 (46-4)
Below 3,m (9' 10")	53,50 (11,794)*	5,350 (11,794)*	8,020 (17,681)*	5,210 (11,486)	6,280 (13,845)	3,470 (7,650)	4,540 (10,009)	2,570 (5,666)	3,520 (7,760)	2,000 (4,409)	2,830 (6,239)	1,600 (3,527)	2,340 (5,159)	1,310 (2,888)	1,980 (4,365)	1,090 (2,403)	1,680 (3,703)*	1,070 (2,359)	13,695 (44-9)
Below 4.5,m (14' 9")	6,660 (14,682)*	6,660 (14,682)*	8,860 (19,532)*	5,220 (11,508)	6,220 (13,713)	3,420 (7,540)	4,470 (9,855)	2,500 (5,512)	3,460 (7,628)	1,940 (4,277)	2,790 (6,151)	1,560 (3,439)	2,320 (5,115)	1,290 (2,844)			1,910 (4,210)*	1,150 (2,535)	13,066 (42-9)
Below 6,m (19' 8")	8180 (18,033)*	8,180 (18,033)*	8,520 (18,783)*	5,320 (11,729)	6,250 (13,779)	3,450 (7,606)	4,480 (9,877)	2,510 (5,534)	3,460 (7,628)	1,940 (4,277)	2,800 (6,173)	1,570 (3,461)	2,350 (5,181)	1,320 (2,910)			2,260 (4,982)*	1,290 (2,844)	12,220 (40-1)
Below 7.5,m (24' 7")	9,960 (21,958)*	9,960 (21,958)*	7,900 (17,416)*	5,510 (12,147)	6,040 (13,315)*	3,550 (7,826)	4,550 (10,031)	2,580 (5,688)	3,520 (7,760)	2,000 (4,409)	2,870 (6,327)	1,640 (3,616)					2,680 (5,908)	1,540 (3,395)	111,07 (36-4)
Below 9,m (29' 5")	9,560 (21,076)*	9,560 (21,076)*	6,900 (15,211)*	5,800 (12,787)	5,350 (11,794)*	3,750 (8,267)	4,260 (9,391)*	2,720 (5,997)	3,390 (7,473)*	2,140 (4,718)							3,020 (6,657)*	1,980 (4,365)	9,636 (31-6)
Below 10.5,m (34' 4")			5,280 (11,640)*	5,280 (11,640)*	4,110 (9,060)*	4,060 (8,951)	3,110 (6,856)*	3,010 (6,636)									3,040 (6,702)*	2,960 (6,526)	7,598 (24-9)



Lift capacity front and rear.



Lift capacity full circle.

Notes:

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2. Lift capacities assume that the machine is on firm, level ground.
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INTRODUCING THE FIRST OF THE NEW **X** SERIES

Our vision from the start was to design and engineer our most advanced 20 tonne tracked excavator. In fact, our best ever.

Listening to customer demands, our engineering teams have obsessed over every minute detail of this world-class excavator. Using automotive quality materials and proven components, our design is both rugged and refined.

The result is a machine to be taken seriously.
A machine to be trusted.



LORD BAMFORD, CHAIRMAN, JCB



EXTREME STRENGTH

Tested to extremes.

1 Whole machine shaker rig used to replicate 15,000 hours of tracking and vibration.

1.1 million test cycles completed on our latest dig end which has been proven by over 10,000 machines across the globe.

Exhaustive testing on purpose built electronics and electric rigs to prove connections, layout and software.

2 30,000 window and door operation tests completed to prove components quality.

3 Hot and cold climate testing (130 degrees to minus 22 degrees) performed in controlled conditions and locations around the world.

Exceptional build quality

4 Proven undercarriage with fully-welded X frame construction for long-term durability with components supplied by industry-leading suppliers.

5 SAE flange hydraulic fittings are extensively used to provide robust hose connections.

6 Rigid upper frame, flat revolver side skirts and double skinned doors with new plated hinges provide greater strength.

Extremely robust fold back mechanism for cab mirror.

Finite Element Analysis ensures longer life for key components.





Best operator environment.

- 1 Spacious JCB CommandPlus cab with high quality injection moulded interior. Industry-leading Grammer seat with wide, adjustable arm rests that reclines 145 degrees. New track pedal design with T-bars as standard with non-slip coating and optimized ergonomics.
- 2 Joystick and switch controls are mounted to pods which are suspended from the seat and move with the operator for optimum control and less fatigue.
- 3 Powerful new HVAC, with 11 targeted vents for optimum performance in hot and cold environments. Cool/heat box as standard.
- 4 Industry standard isolator lever operation prevents accidental activation when exiting the cab.
- 5 Spacious luggage tray behind operators seat with 3 independent 12 V power supplies. Another handy storage space can be found at the back of the cab in the roof liner, including a hanger for the operator's helmet.
- 6 Bluetooth radio is fully integrated into the control screen. USB and phone jack as standard.





X
SERIES

EXCELLENT CONTROL



Effortless working.

1 Latest generation Japanese hydraulics deliver precise and efficient control.

2 Operator can select Auto-Stop and Auto-Idle depending on preference.

3 Customizable proportional controls allow the operator to set their preference of speed and control of attachments.

New dozer option adds extra versatility.

Power boost button increases pressure by ten percent for up to 9 seconds to provide extra tearout in tough conditions.

4 Tracking speed can be found on the joystick for on the move tracking change, while a convenience button lets you configure a range of functions such as radio mute, camera cycle, or front screen wash.

5 New slew drive provides high torque on acceleration and braking for greater controllability and refinement.





X
SERIES

Best-in-class ease of use.

1 Start-stop button for ease of start-up means the operator doesn't have to turn the key to start it back up again. The start sequence also allows you to start digging within 2 seconds.

An intuitive menu navigation can be configured into multiple languages to suit most operators.

2 Pipework shut-off taps now added as standard with SAE fittings, to enable quick connection of attachments when taking a hydraulic option.

3 Easy quickhitch provides simplified operation with an override for removing large breakers or fork attachments.

4 Advanced tool select system improves attachment handling by monitoring pressure and flow. There is tool storage as standard for up to 10 tools.

5 Machine lifting and transportation has been made easier due to dedicated lifting points and because the 220X is only 3.1 m high, they can be transported on 900mm trailer beds which meets transport legislation (specification dependant).

6 The cab includes mounts as standard to allow guards to be fitted in the field and also includes flat front glass for easy replacement.





X
SERIES

EXPERIENCE GREATER PERFORMANCE

Best-in-class productivity.

1 Hydraulic pipes and hoses have a large diameter for increased productivity and efficiency. An innovative hydraulic regeneration system means oil is recycled across the cylinders for faster cycle times and reduced fuel consumption.

2 Large diameter rotary coupling between the upper and lower structures provides better efficiency and productivity.

3 2.7 m wide upper structure with a centralized boom provides a centralised dig path and reduced slew bearing loading.

4 Auto-stop and Auto-idle on the JCB's EcoMAX Tier 4F / IV engine provides fuel saving of up to 5 percent.

Machine cooling in 130 degree heat with air conditioning running has been achieved with a bigger fan and engine mounted fan cowl for optimum airflow.

5 For extra versatility, JCB offers a full list of auxiliary pipework options including hammer, merged pump flow, auxiliary, and low flow.

6 Long reach and T.A.B. dig ends with low flow auxiliaries and lighting systems are also available.



EXTRAORDINARY ATTENTION TO DETAIL

World-class finish.

1 All components are painted in house using a state-of-the-art paint facility to deliver a high quality finish that's checked for paint adhesion and coverage.

All machines undergo 1,232 validation checks including an intense hot test focusing on vibration, pressure and heat to replicate real-life applications.

2 Significantly reduced vented and open areas means inherently stronger bodywork and reduced painted edges.

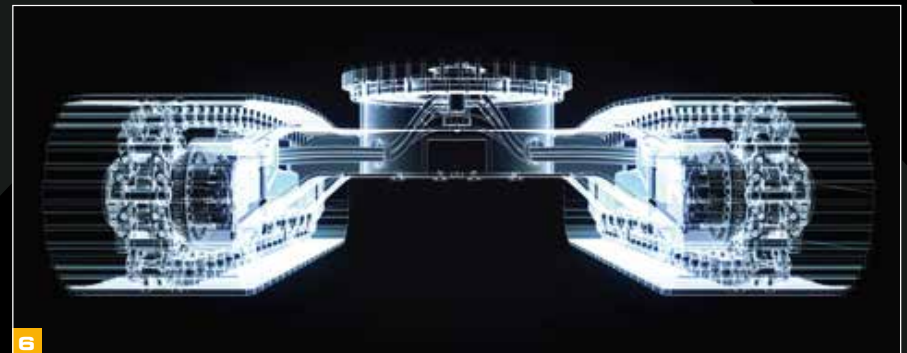
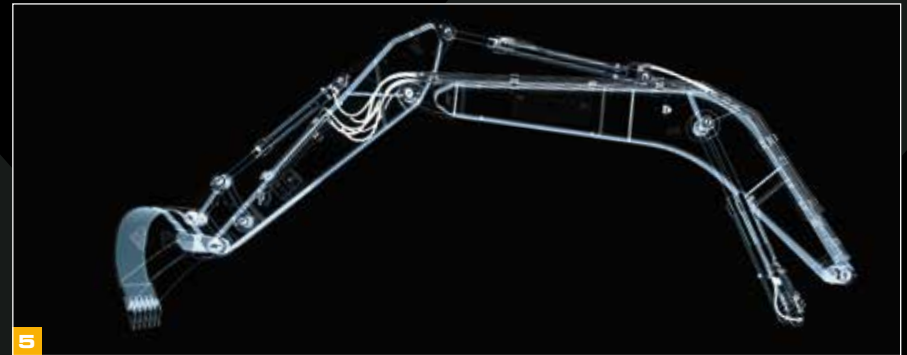
3 Doors are bolted directly to the house frame and remain rust-free due to a zinc coating on all wear faces. All fasteners have a zinc finish (Geomet) for improved corrosion resistance, a new bolt and washer design protects paint from damage.

4 New recessed counterweight design protects the rear end and machine branding from impact damage.

World-class assembly.

5 Robot welding of the dig end and undercarriage ensures consistent quality and accuracy.

6 The slew ring is machined after manufacturing and welding to ensure a flat surface that reduces slewing noise.



EXTENDED SERVICE INTERVALS

Simple servicing.

- 1** Grouped greasing points make regular maintenance easier and quicker.
- 2** Optional refuelling pump has an in-line fuel filter to protect the pump and engine.
- 3** Ground level access to hour meter, HVAC filter, cab air filter and single fuse box. Optional LED convenience lighting for the service bay and upper structure.
- 4** Bolt-on handrails and mirrors for easy replacement if damaged.
- 5** 2,000 hour engine air filter life achieved using a standard fit system with Powercore Nanofilter technology.
- 6** Large cooling pack means more efficient cooling due to wider spacing fins which reduce clogging.
- 7** A cover over the battery provides useful storage space in addition to the tool box.



EXCEEDINGLY SAFE

At JCB we take safety very seriously and we make sure this forms an important part of the design process. So whether you're an operator, service mechanic or site worker, we make working safer.

Safer working.

- 1** The 220X boasts anti-slip surfaces and comfortable, well positioned grab handles and an area free of tread plate dimples to allow for kneeling during servicing.
- 2** Flattest, safest operator access to the top of the machine with built in kick strips around the edges.
- 3** Optional twin or 360° cameras helps operators operate safely.
- 4** Operator safety is paramount to JCB and the optional dipper limiter can be configured through the display to avoid a cab strike.



EXTRA SUPPORT

In a world of tough business decisions where the customer rightfully expects the very best in machine back up and a complete package of value added solutions, JCB delivers. Whatever you need and wherever you are, JCB's worldwide customer support is truly first-class.

Machine efficiency.

By providing information like idle time monitoring and fuel consumption, JCB LiveLink saves you money and improves productivity.

Machine reliability.

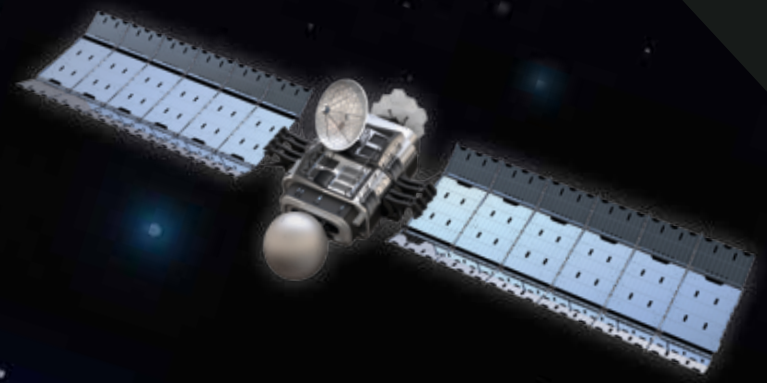
Accurate hours monitoring and service alerts improve maintenance planning and help rental companies with accurate charging. Technical alerts and maintenance history records help you manage your machines.

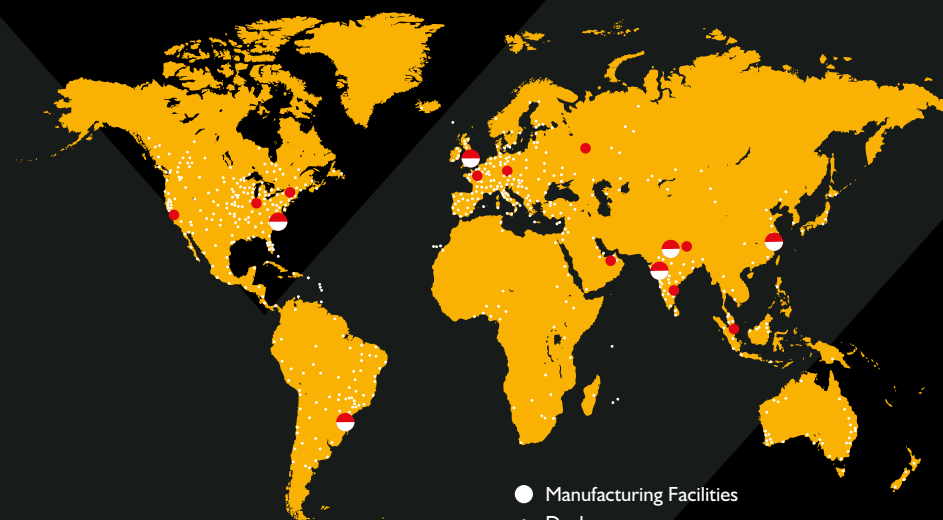
Machine monitoring.

Keep track of what your machine's been doing throughout the day with regular performance reports accessed via the LiveLink website.

Machine security.

LiveLink's real time geo-fencing alerts tell you when machines move out of predetermined zones. Curfew alerts inform you of unauthorized usage. JCB have a history of working with the police to recover stolen machines and tackle fuel theft.





- Manufacturing Facilities
- Dealers
- Parts Distribution Centres

1 Our Technical Support Service provides instant access to factory expertise, day or night, while our Finance and Insurance teams are always on hand to provide fast, flexible, competitive quotes.

2 The global network of JCB Parts Centers is another model of efficiency; with 16 regional bases, we can deliver around 95 percent of all parts anywhere in the world within 24 hours. Our genuine JCB parts are designed to work in perfect harmony with your machine for optimum performance and productivity.

3 JCB Assetcare offers comprehensive extended warranties and service agreements, as well as service-only or repair and maintenance contracts. Irrespective of what you opt for, our maintenance teams around the world charge competitive labor rates, and offer non-obligation quotations as well as fast, efficient insurance repair work.

Note: JCB LIVELINK and JCB ASSETCARE may not be available in your region, so please check with your local dealer.



1



2



3



X
SERIES

Your nearest JCB dealer

9999/6039 en-US 05/18 Issue 1 DWUSA 4975

JCB North American – Headquarters

2000 Bamford Blvd., Savannah, Georgia, 31322 Tel: (912) 447-2000

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

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