

NEW



MINI EXCAVATOR | 18Z-1/19C-1

Transport weight: 3,691 lb - 4,042 lb (1,479 - 1,868 kg) Net engine power: 21.9 hp (16.3 kW)



CHOOSING EXCAVATOR



A COMPACT
R JUST GOT
LIER



CHOOSE TOUGH

THE NEW GENERATION JCB MINI EXCAVATORS ARE BUILT TO WITHSTAND THE MOST DEMANDING JOB SITES. DURABLE AND EASY TO REPAIR JCB MINI EXCAVATORS REDUCE DOWNTIME FOR MAXIMUM PROFITS.

Designed to last

1 The full-width rear cast counterweight provides added protection against impact damage.

Hydraulic components are assembled in a hydraulic “clean room” and undergo thorough multi-stage hot tests and oil detection processes to ensure reliability.

Improved dig-end pins with ARCO coating protect against corrosion.

2 State of the art manufacturing processes enhance build quality, reliability, durability, service life and machine uptime. For example, JCB's in-house paint process ensure optimal quality and lasting protection.

3 A heavy-duty kingpost with durable re-bushable pivots boosts service life and reduces ownership costs.

4 The top-mounted boom ram reduces the likelihood of damage when loading and reaching over obstacles.

5 Hoses are routed through the boom, arm and kingpost for improved durability. Both models use O-ring faced seal hydraulics for superior seal performance.



Strong and durable.

6 The 18Z is the smallest JCB first zero tailswing excavator.

7 Solid cast rear door for maximum impact resistance compared to glass-reinforced plastic.

8 Three single-flanged bottom rollers and short pitch tracks ensure a smooth ride.

Optional long-pitch rubber or steel tracks are available for more demanding applications.

9 The strong, durable H-frame undercarriage provides rigid support. The open design allows spoil to fall readily, to reduce component wear.

For ultimate rigidity, the extending undercarriage beams are constructed from one-inch solid steel plate.



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CHOOSE EASY

MOST JOBS ARE HARD ENOUGH WITHOUT THE ADDED STRESS OF DIFFICULT AND FREQUENT SERVICING, HARD TO REACH CLEANING AND OF COURSE UNCOMFORTABLE OPERATING CONDITIONS. THAT'S WHY WE'VE JUST MADE THEM EASY.

All new valve block, spools and floor controls allow for fine control and smooth operation. Even less experienced operators will enjoy increased productivity.



Making life easy

1 An analogue meter allows the number of machine hours to be read without turning the machine on and easy pre-start checks quickly confirm proper fluid oil levels.

Standard two speed tracking is operated by a button on the dozer. Auto kick-down is optional on the 18Z-1 and 19C-1.

2 A display inside the cab to the right of the operator features easy button functions and easy-to-read indicators and to advise of machine status and alerts.



Supporting productivity

- 3** A convenient quick-service door provides access to daily check points. The main service door opens 180 degrees to provide easy access all cleaning and maintenance points.
- 4** For improved productivity, the JCB hydraulic system allows straight line travel and simultaneous selection of excavator functions.
- 5** The spacious cab is 24 percent larger than previous models. Features include a large entry door, excellent visibility and intuitive controls.

The external fuel tank is easy to access and is lockable, for extra security.



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CHOOSE SIMPLE

THE JCB 18Z-I AND 19C-I ARE DESIGNED WITH YOUR BUSINESS IN MIND. DURABLE COMPONENTS, LOW OPERATING COSTS AND SIMPLIFIED SERVICING ALLOW YOU TO FOCUS ON THE JOB AT HAND.

201 degrees of bucket rotation enhances spoil retention during truck loading.
Available arm lengths: 3'1", 3'7" and 4'5".

User-friendly environment.

- 1 The large glass area provides increased visibility. A 70/30 split line and clear split joints provide unobstructed visibility down to the dozer blade.
- 2 JCB mini excavators feature flat glass, which is more cost effective and easier to replace if needed.
- 3 The 19C-I features an improved 2-speed heater with three multi-positioned vents for ultimate operator comfort.



Ultimate convenience.

4 Graphite impregnated bushings with industries lowest greasing intervals of 500 hours, means no need for daily greasing.

5 Hydraulic connections reduced along with increased straight hoses and combined control valves; all deliver improved hydraulic efficiency and reduced component complexity.

Premium or rental specifications to help choose the right machine. Zero tailswing or Conventional tailswing plus cab or canopy options across the range.

6 Reduced minimum front swing radius for a compact machine that can tuck up to work in the tightest of conditions without compromise to load over height.



CHOOSE QUICK

JCB MINI EXCAVATORS ARE QUICK TO CLEAN, EASY TO TRANSPORT AND ARE COMPATIBLE WITH MORE ATTACHMENTS. THIS MEANS QUICKER TURN AROUND TIMES BETWEEN JOBS AND BETTER MACHINE UTILIZATION.



Ultimate versatility

1 Industry-standard bucket centers and pin sizes (1 3/16") for maximum attachment versatility.

2 JCB's extensive range of high-performance attachments offer full JCB warranty compliance, and optimal fit and operation.

Dual hydraulic flow is an available option.



Low cost of ownership

3 New dig-end geometry allows JCB mini excavators to load dumpers without repositioning.

4 Sloping undercarriage track legs reduce soil retention and enable fast cleaning.

5 The new dozer geometry allows the blade to become free of material build up. Dozer wing extensions are easy to use and require no tools for operation.

6 JCB mini excavators do not require daily greasing. Easy to access for maintenance and cleaning means faster turnaround times.

7 Low transport weights allow JCB mini excavators to be easily towed to wherever they're needed.

8 Ten tie-down and lifting points facilitate easy, safe machine transportation.



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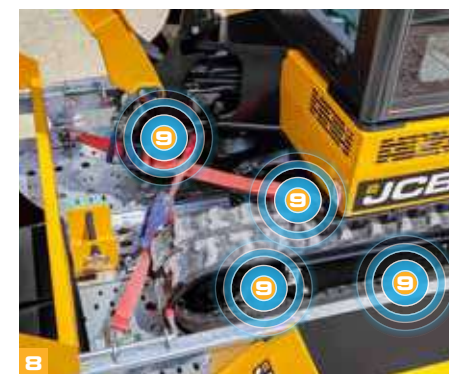
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SAFE & SECURE

JCB HAS ALWAYS BEEN AT THE FOREFRONT OF SITE SAFETY INNOVATION. THE JCB 18Z-I AND 19C-I ARE PACKED FEATURES TO IMPROVE THE SAFETY OF OPERATORS AND OTHERS ON THE WORK SITE.



Work smart

1 The cabs on the 18Z-I and the 19C-I are fully ROPS and FOPS compliant. For increased protection, laminated glass is available as an available option.

2 As an additional safety precaution, all services, including tracking and dozer, are isolated when the control pod is raised

3 A lockable internal toolbox provides safe tool stowage on all models.

Optional operator presence and seat belt isolation switches are available.



Safety first

4 A well-positioned seat, combined with large glass area and optimal design, provides excellent all-round visibility for increased on site safety.

5 JCB's unique 2GO system isolates all controls unless the 2GO button is activated, preventing accidental operation.

For increased safety, an immobilizer eliminates the possibility of an unauthorised start. Additionally, JCB Livelink allows fleet managers to set a geofence and machine working restrictions.

The remote pin code management system, allows the fleet manager to remotely authorize or deny machine usage. Up to 14

individual pin codes can be programmed into the system, with the option to customize for individual operators.



LIVELINK, WORK SMARTER.

LiveLink tracks the efficiency of your machines to maximize ROI.

- Manage your fleet from anywhere
- Reduce operating costs
- Improve productivity
- Monitor fuel and consumption*
- Receive reports by day / week / month

*For machines with electronic engine management system only

LiveLink sends service alerts and diagnostic warnings for effective maintenance planning.

- Machine health alerts
- Machine service alerts
- Accurate hours recorded
- Detailed machine history



LiveLink reports the exact location, movement and activity of your machine for improved security.



- Pinpoint machine location
- 24/7 update on your phone/tablet
- Real-time curfew alerts
- Real-time geofence alerts
- Back-up battery
- Tow-away alert

Enhanced Dealer Support



JCB LiveLink

Machine Servicing Agreement

Superior Build Quality



Note: Please consult your local dealer for LiveLink availability.

VALUE ADDED

WHATEVER YOU NEED AND WHEREVER YOU ARE, THE DEPENDABLE JCB DEALER NETWORK IS HERE TO MAKE SURE YOUR MACHINERY PERFORMS TO ITS FULL POTENTIAL.



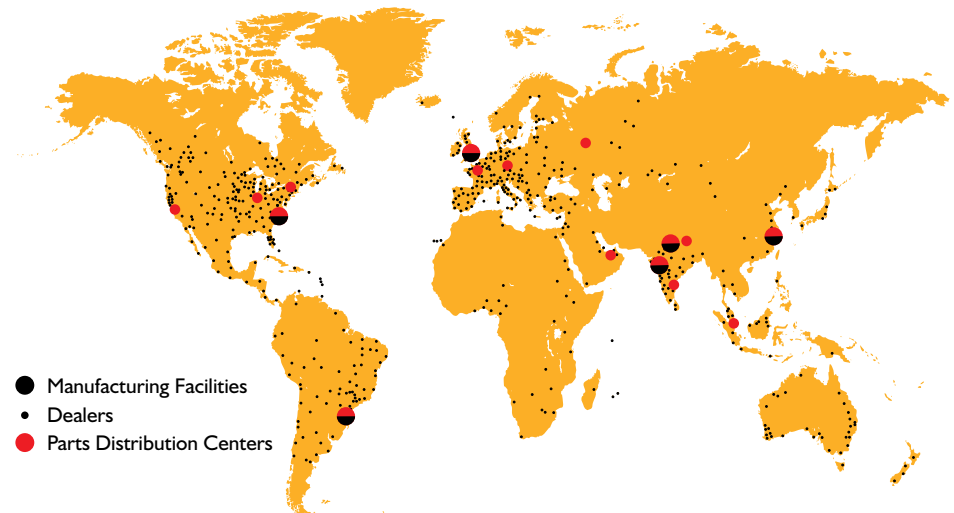
1 JCB Technical Support Service provides instant access to factory expertise, day or night. JCB's Finance and Insurance teams are always on hand to provide fast, flexible, competitive quotes.

2 The global network of JCB Parts Centers is a 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.

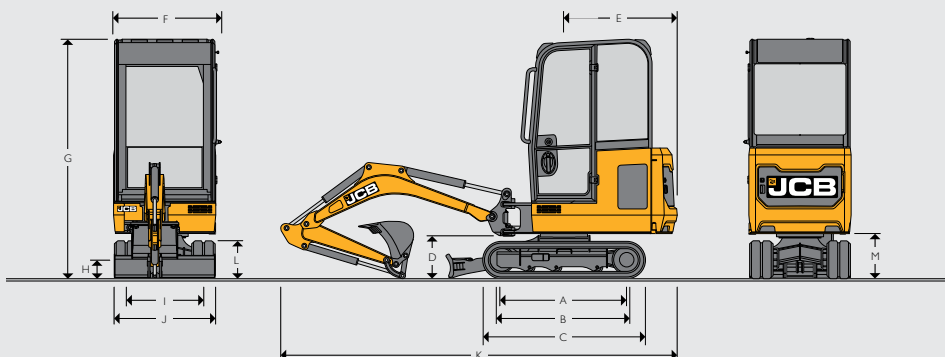


3 JCB Yellow Shield offers comprehensive extended warranties and service agreements, as well as service-only or repair and maintenance contracts. JCB maintenance teams offer competitive labor rates and no obligation quotes.



Note: JCB LiveLink and JCB Yellow Shield may not be available in your region, so please check with your local dealer.

STATIC DIMENSIONS



Machine model		18Z-1	19C-1
A	Sprocket idler centers	ft-in (mm)	4-0 (1,218)
B	Track length on ground	ft-in (mm)	4-0 (1,220)
C	Undercarriage overall length - rubber	ft-in (mm)	5-2 (1,578)
	Undercarriage overall length - steel	ft-in (mm)	5-2 (1,578)
D	Kingpost clearance	ft-in (mm)	1-4 (409)
E	Tailswing radius	ft-in (mm)	3-7 (1,103)
F	Overall width of superstructure	ft-in (mm)	3-3 (996)
G	Height over cab	ft-in (mm)	7-8 (2,328)
	Height over canopy	ft-in (mm)	7-8 (2,340)
H	Ground clearance	ft-in (mm)	0-6 (162)
I	Track gauge - retracted/extended	ft-in (mm)	2-4 - 3-6 (750 - 1,110)
J	Width over tracks rubber / steel - retracted	ft-in (mm)	3-3 (980)
	Width over tracks rubber / steel - extended	ft-in (mm)	11-8 (1,330)
K	Transport length	ft-in (mm)	12-8 (3,860)
L	Track height	ft-in (mm)	1-2 (367)
M	Counterweight clearance	ft-in (mm)	1-5 (434)

ENGINE

Machine model		18Z-1, 19C-1
Model		403J-11
Fuel		Diesel
Cooling		Water cooled
Gross power	hp (kW)	23.1 (17.2) @ 2,550 RPM
Net power	hp (kW)	21.9 (16.3) @ 2,550 RPM
Max. torque	ft-lb (Nm)	49.3 (66.9) @ 2,100 RPM
Displacement	cc	1,131
Gradeability	degrees	25
Starter motor	hp (kW)	1.9 (1.4)
Battery	volt/amps	12 V/65 Ah
Alternator	amps (aircon)	65

UNDERCARRIAGE

Machine model		18Z-1	19C-1
		Retractable	Retractable
No. of bottom rollers		3	3
Track width rubber	ft-in (mm)	0-9 (230)	0-9 (230)
Track width steel	ft-in (mm)	0-9 (230)	0-9 (230)
Travel speed - low	mph (kph)	1.5 (2.4)	1.5 (2.4)
Travel speed - high	mph (kph)	2.5 (4.1)	2.5 (4.1)
Tractive effort	lbs (kN)	2,967 (13.2)	2,967 (13.2)

HYDRAULIC SYSTEM

Machine model		18Z-1	19C-1
Pump	cc	18	18
Nominal output @ maximum RPM	gpm (lpm)	9.5 (36)	9.5 (36)
Excavator/track main relief pressure	psi (bar)	3,408 (235)	3,408 (235)
Slew main relief pressure	psi (bar)	2,422 (167)	2,422 (167)
Auxiliary hydraulic pressure (Aux 1)	psi (bar)	2,901 (200)	2,901 (200)
Auxiliary hydraulic pressure (Aux 2)	psi (bar)	N/A	N/A
Auxiliary hydraulic flow (Aux 1)	gpm (lpm)	8.4 (32)	8.4 (32)
Hydraulic pump		Piston	Piston

WEIGHTS

Machine model		18Z-1		
		Canopy	Canopy	Cab
Operating weight *	lb (kg)	3,856 (1,749)	4,034 (1,830)	4,211 (1,910)
FOPS	lb (kg)	-	-	33 (15)
Steel tracks	lb (kg)	179 (81)	179 (81)	179 (81)
Long dozer	lb (kg)	9 (9)	9 (9)	20 (9)
Mechanical quickhitch	lb (kg)	14 (14)	14 (14)	31 (14)
Shipping weight **	lb (kg)	3,649 (1,655)	3,827 (1,736)	4,004 (1,816)
Ground bearing pressure (rubber tracks)	psi (kg/cm ²)	4.7 (0.33)	4.7 (0.35)	5.1 (0.36)
Ground bearing pressure (steel tracks)	psi (kg/cm ²)	4.7 (0.35)	4.7 (0.36)	5.4 (0.38)
Transport weight (operator weight - 165 lb)	lb (kg)	3,691 (1,674)	3,869 (1,755)	4,045 (1,835)

* Operator weight to ISO 6016 including cab/canopy, rubber tracks, 3'7" arm(19C-1 & 18Z-1), 12 in bucket, full tanks and a 165 lb operator. ** Shipping weight to ISO 6016 is mass of the base machine without operator, with fuel level at 10% of tank capacity.

SERVICE CAPACITIES

Machine model		18Z-1		19C-1	
		Canopy model: 1.1 (4.2)		Cab model: 1.2 (4.7)	
Fuel tank	gal (litr)	5.4 (20.5)		4.9 (18.5)	
Engine coolant	gal (litr)	Canopy model: 1.1 (4.2)		Cab model: 1.2 (4.7)	
Engine oil	gal (litr)	0.7 (2.5)		0.7 (2.5)	
Hydraulic system	gal (litr)	7.4 (28)		7.4 (28)	
Hydraulic tank	gal (litr)	4.0 (15)		4.0 (15)	

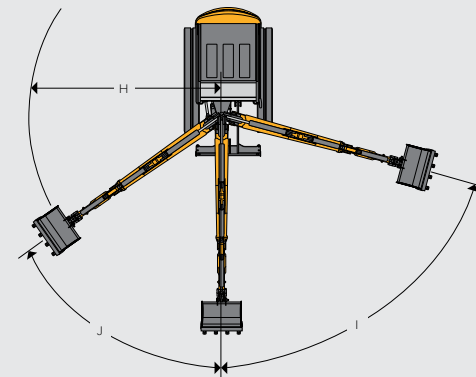
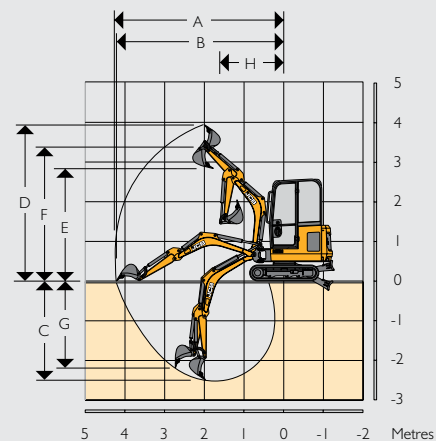
OPERATOR ENVIRONMENT

Machine model		18Z-1		19C-1	
		Canopy model: 1.1 (4.2)		Cab model: 1.2 (4.7)	
Cab/canopy height	ft-in (mm)	7-8 (2,346)		7-0 (2,330)	
Cab/canopy height with fogs guard level I	ft-in (mm)	7-8 (2,346)		7-0 (2,349)	
Cab/canopy length with fogs guard level I	ft-in (mm)	3-1 (1,107)		4-0 (1,236)	
Cab/canopy length	ft-in (mm)	3-11 (1,107)		3-0 (1,202)	
Cab/canopy width	ft-in (mm)	3-2 (978)		3-0 (976)	

DOZER

Machine model		18Z-1		19C-1	
		Canopy model: 1.1 (4.2)		Cab model: 1.2 (4.7)	
Dozer length (STD) centre of boss	ft-in (mm)	2-7 (787)		2-7 (787)	
Max. height above ground	ft-in (mm)	0-9 (239)		0-9 (239)	
Dig depth below ground	ft-in (mm)	0-9 (225)		0-9 (225)	
Approach angle	degrees	25.3		25.3	
Width (without wings)	ft-in (mm)	3-3 (980)		3-3 (980)	
Width (with wings)	ft-in (mm)	4-5 (1,340)		4-5 (1,340)	
Height	ft-in (mm)	0-9 (234)		0-9 (234)	

WORKING RANGE



			18Z-1 / 19C-1 (3'1" Arm)	18Z-1 / 19C-1 (3'7" Arm)
	Boom length	ft-in (mm)	5-9 (1,800)	5-9 (1,800)
A	Max. digging reach	ft-in (mm)	9-5 (2,899)	13-3 (4,043)
B	Max. digging reach on ground	ft-in (mm)	12-6 (3,834)	13-1 (3,981)
C	Max. digging depth – dozer up	ft-in (mm)	7-5 (2,271)	7-9 (2,421)
	Max. digging depth – dozer down	ft-in (mm)	8-0 (2,426)	8-5 (2,576)
D	Max. digging height	ft-in (mm)	11-7 (3,556)	12-0 (3,667)
E	Max. dump/load-over height	ft-in (mm)	8-5 (2,598)	8-7 (2,637)
F	Max. height to arm nose pivot pin	ft-in (mm)	10-2 (3,116)	10-3 (3,154)
G	Max. vertical wallcut depth	ft-in (mm)	6-3 (1,933)	7-0 (2,139)
H	Min. front swing radius (no offset)	ft-in (mm)	4-9 (1,488)	5-0 (1,517)
	Min. front swing radius (fully offset)	ft-in (mm)	3-8 (1,171)	3-9 (1,196)
I	Boom swing left	degrees	75	
J	Boom swing right	degrees	55	
	Bucket rotation	degrees	201	
	Arm rotation	degrees	126	
	Bucket tearout (power position)	lb (kN)	4,047 (18)	4,047 (18)
	Arm tearout	lb (kN)	2,271 (10.1)	2,046 (9.1)
	Slew speed	rpm	7.9	

EQUIPMENT

Machine model	18Z-I	19C-I
SERVICE AND MAINTENANCE		
Beacon-ready kit	•	•
Single element air cleaner	•	•
500-hour dig end greasing intervals	•	•
Grease gun & cartridge	+	+
Toolkit	+	+
Automatic glow plug		

TRACKS AND UNDERCARRIAGE

9 in short pitch rubber tracks	•	•
Two speed tracking	•	•
Retractable undercarriage	•	•
Extendable dozer blade	•	•
Heavy duty recoiled tracked tensioners	•	•
9 in long pitch rubber tracks	+	+
9 in steel tracks	+	+
Long dozer blade	+	+
Auto kick-down track motors	+	+

OPERATOR STATION

LED worklights	+	+
Full audio visual warning systems	•	•
Full control isolation	•	•
12 volt power socket	•	•
ISO servo controls	•	•
Static seat	•	•
Electro-proportional thumb controlled dual flow auxiliary		
Dual patterned controls (ISO/SAE changeover)	+	+
Fabric suspension seat		+
Vinyl suspension seat	+	+
LED interior lights		+
Sun blind	+	+
Fire extinguisher	+	+
Track lever pedals	+	+
Full radio kit		+

HYDRAULICS

Hydraulic slew travel lock	•	•
Single acting auxiliary circuit	•	•
Variable displacement pump	•	•
Straight-line travel circuit	•	•
ORFS hydraulics	•	•
Quick release auxiliary couplers	•	•
Double-acting auxiliaries	+	+
Auxiliary vent		

Machine model	18Z-I	19C-I
PROTECTION AND SAFETY		
ROPS, TOPS & FOGS certified canopy	•	•
ROPS & TOPS certified cab		+
Internal lockable toolbox	•	•
Protected boom work light	•	•
2GO hydraulic isolation	•	•
Cesar Data Tag (UK ONLY)	•	•
Battery isolator (Europe)	•	•
Rotating beacon	+	+
Seat belt engaged green beacon	+	+
LiveLink	+	+
Pin pad immobiliser	+	+
Key immobiliser	+	+
Polycarbonate front screen protection	•	•
Boom LED worklight & guard	+	+
FOGS guard level I	•	+
White noise travel alarm	+	+

























EXTERNAL EQUIPMENT

Standard arm (in)	34.7	34.7
Tie down points	•	•
LED beacon	+	+
Arm options (in)	43.3	43.3
Halogen work lights	+	+
Heavy duty kingpost	•	•
Exterior mirrors	+	+
Full bucket range	+	+
Mechanical quick hitch	+	+
Hydraulic quick hitch		
Thumb ready arm	+	+

























STANDARD •

OPTIONAL +

LIFT CAPACITIES – 9" (230 MM) RUBBER TRACKS, 70.9" (1,800 MM) BOOM, 43.3" (1,100 MM) ARM, NO BUCKET.**18Z-1**

Load Point	4'11" (1.5 m)			6'7" (2.0 m)			6'7" (2.0 m)			6'7" (2.0 m)			8'2" (2.5 m)			9'10" (3.0 m)			11'5" (3.5 m)			Capacity at maximum reach							
																									Distance				
Height	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side					
ft-in (m)	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 (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)			
8-2 (2.5)	853 (387)	362 (164)	877 (398)	670 (304)	741 (336)	342 (155)	690 (313)	774 (351)														664 (301)	617 (280)	763 (346)	306 (139)	8-10 (2,690)			
6-7 (2)	836 (379)	351 (159)	860 (390)	725 (329)	730 (331)	562 (255)	686 (311)	694 (315)	481 (218)	254 (115)	540 (245)											481 (218)	467 (212)	926 (420)	254 (115)	9-1 (3,000)			
4-11 (1.5)	802 (364)	333 (151)	825 (374)	939 (426)	844 (383)	315 (143)	816 (370)	882(400)	487 (221)	236 (107)	567 (257)	851 (386)										386 (175)	381 (173)	791 (359)	192 (87)	10-10 (3,300)			
3-3 (1)	1,656 (751)	672 (305)	1,823 (827)	2,094 (950)	996 (452)	408 (185)	1,179 (535)	1,369 (621)	646 (293)	300 (136)	615 (279)	1,085 (492)	580 (263)	214 (97)	474 (215)	935 (424)	448 (203)	176 (80)	375 (170)	802 (364)	448 (203)	375 (170)	802 (364)	176 (80)	11-6 (3,500)				
1-8 (0.5)	1,574 (714)	456 (207)	1,166 (529)	2,152 (976)	1,085 (492)	368 (167)	831 (377)	1,636 (742)	708 (321)	271 (123)	615 (279)	1,190 (540)	481 (218)	220 (100)	476 (216)	963 (437)	439 (199)	163 (74)	368 (167)	767 (348)	439 (199)	368 (167)	767 (348)	163 (74)	11-6 (3,500)				
0-0 (0)	1,010 (458)	377 (171)	983 (446)	2,055 (932)	787 (357)	322 (146)	772 (350)	1,616 (733)	884 (401)	220 (100)	534 (242)	1,193 (541)	445 (202)	209 (95)	430 (195)	906 (411)									375 (170)	364 (165)	730 (331)	168(76)	11-2 (3,400)
-2-4 (-0.5)	1,356 (615)	355 (161)	966 (438)	1,841 (835)	721 (327)	276 (125)	692 (314)	1,391 (631)	604 (274)	218 (99)	531 (241)	1,067 (484)	434 (197)	220 (100)	434 (197)	791 (359)									395 (179)	425 (193)	688 (312)	190 (86)	10-8 (3,250)
-4-9 (-1)	864 (392)	461 (209)	886 (402)	1,512 (686)	580 (263)	276 (125)	633 (287)	1,224 (555)	467 (212)	234 (106)	487 (221)	888 (403)	403 (183)	203 (92)	432 (196)	657 (298)									403 (183)	432 (196)	657 (298)	203 (92)	9-10 (3,000)
-5-1 (-1.5)	873 (396)	472 (214)	895 (406)	1,023 (464)	593 (269)	282 (128)	644 (292)	844 (383)	593 (269)																520 (236)	562 (255)	754 (342)	251 (114)	7-3 (2,200)

LIFT CAPACITIES – 9" (230 MM) RUBBER TRACKS, 70.9" (1,800 MM) BOOM, 43.3" (1,100 MM) ARM, NO BUCKET.**19C-1**

Load Point	4'11" (1.5 m)			6'7" (2.0 m)			6'7" (2.0 m)			8'2" (2.5 m)			9'10" (3.0 m)				Capacity at maximum reach							
																								
Height	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Distance			
ft-in (m)	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 (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)		
8-2 (2.5)										884 (401)	595 (270)	891 (404)	926 (420)					884 (401)	595 (270)	891 (404)	926 (420)	8-2 (2,500)		
6-7 (2)										820 (372)	800 (363)	829 (376)	873 (396)	891 (404)	494 (224)	864 (392)	908 (412)	891 (404)	494 (224)	864 (392)	908 (412)	9-10 (3,000)		
4-11 (1.5)					1,025 (465)	968 (439)	1,056 (479)	1,116 (506)	952 (432)	613 (278)	981 (445)	1,014 (460)	877 (398)	465 (211)	875 (397)	919 (417)	809 (367)	414 (188)	818 (371)	869 (394)	10-8 (3,250)			
3-3 (1)	2,077 (942)	1,093 (496)	2,099 (952)	2,176 (987)	1,539 (698)	838 (380)	1,530 (694)	1,614 (732)	1,151 (522)	617 (280)	1,155 (524)	1,213 (550)	948 (430)	503 (228)	948 (430)	994 (451)	653 (296)	412 (187)	697 (316)	873 (396)	11-2 (3,400)			
1-8 (0.5)	1,583 (718)	977 (443)	1,689 (766)	2,172 (985)	1,321 (599)	767 (348)	1,360 (617)	1,777 (806)	963 (437)	606 (275)	977 (443)	1,290 (585)	756 (343)	472 (214)	800 (363)	1,014 (460)	631 (286)	421 (191)	668 (303)	833 (378)	10-10 (3,300)			
0-0 (0)	1,852 (840)	1,021 (463)	1,989 (902)	1,951 (885)	1,263 (573)	769 (349)	1,281 (581)	1,660 (753)	959 (435)	593 (269)	990 (449)	1,292 (586)	763 (346)	474 (215)	763 (346)	963 (437)	763 (346)	417 (189)	796 (361)	800 (363)	10-10 (3,300)			
-2-4 (-0.5)	1,887 (856)	904 (410)	1,761 (799)	1,808 (820)	1,415 (642)	675 (306)	1,336 (606)	1,398 (634)	1,113 (505)	569 (258)	996 (452)	1,021 (463)	849 (385)	450 (204)	761 (345)	761 (345)	712 (323)	434 (197)	690 (313)	701 (318)	10-8 (3,250)			
-4-9 (-1)	1358 (616)	888 (403)	1,473 (668)	1,473 (668)	1,122 (509)	666 (302)	1,142 (518)	1,142 (518)	844 (383)	553 (251)	820 (372)							653 (296)	509 (231)	650 (295)	648 (294)	9-6 (2,900)		
-5-1 (-1.5)				888 (403)	657 (298)	911 (413)	679 (308)												728 (330)	556 (252)	745 (338)	556 (252)	7-4 (2,230)	



Lift capacity over front.



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 and equipped with an approved lifting point.
3. A bucket must be fitted when lifting, the weight of this bucket must be deducted from the above lift capacities.
4. Lift capacities may be limited by local regulations. Please refer to your dealer.



ONE COMPANY, MORE THAN 300 MACHINES.

Mini Excavator 18Z-1/19C-1

Transport weight: 3,691 lb - 4,042 lb (1,479 - 1,868 kg) Net engine power: 21.9 hp (16.3 kW)

JCB North America

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

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