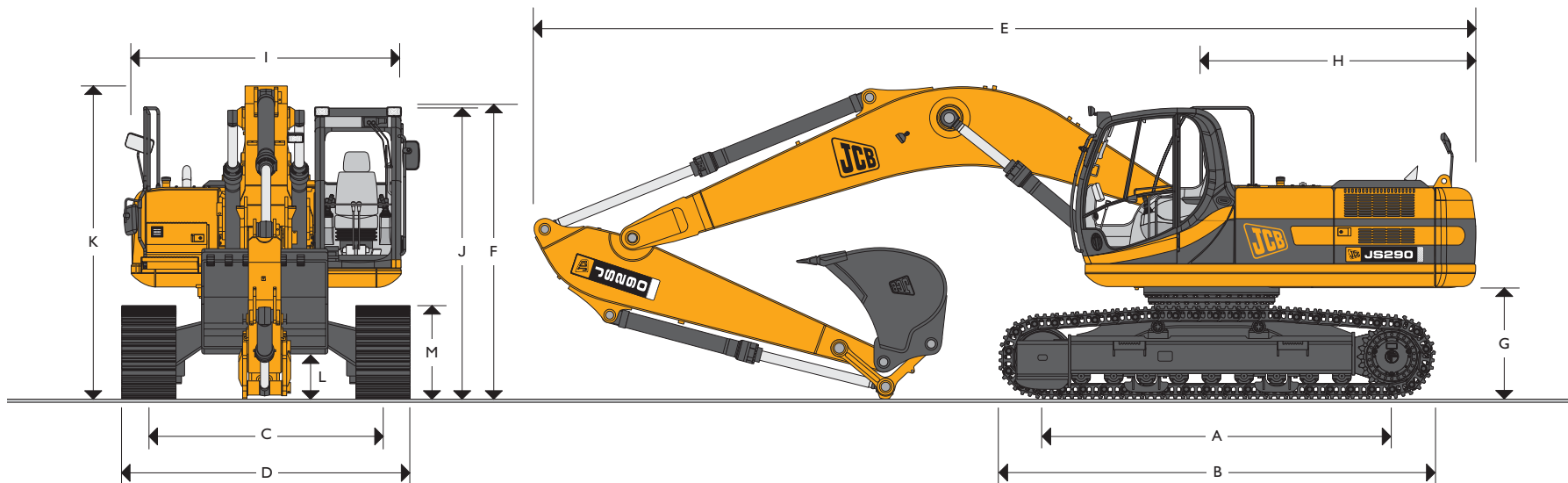




JCB TRACKED EXCAVATOR | JS290LC TIER III



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STATIC DIMENSIONS

Dimensions in ft-in (millimetres)	LC		
A Track length on ground	13-1 (3990)		
B Undercarriage overall length	15-11 (4860)		
C Track gauge	8-6 (2600)		
D Width over tracks (600mm trackshoes)	10-6 (3200)		
D Width over tracks (700mm trackshoes)	10-10 (3300)		
D Width over tracks (800mm trackshoes)	11-2 (3400)		
D Width over tracks (900mm trackshoes)	11-6 (3500)		
Dipper lengths	8ft 2in (2.50m)	3.10m (10ft 2in)	3.70m (12ft 2in)
E Transport length with monoboom	34-8 (10557)	34-7 (10544)	34-3 (10482)
F Transport height with monoboom	11-2 (3396)	11-5 (3480)	10-10 (3314)

G Counterweight clearance	3-11 (1204)
H Tailswing radius	9-10 (3000)
I Width of superstructure	9-10 (2990)
J Height over cab	10-6 (3188)
K Height over grab rail	10-5 (3174)
L Ground clearance	1-10 (550)
M Track height	3-3 (1003)



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ENGINE

Model	Isuzu 6HK1X	
Type	Common-rail direct-injection, water-cooled, turbocharged, intercooled diesel with EGR	
Rated capacity (ISO 14396 (SAE J1995))	hp (kW)	216 (161) @ 1800rpm
Number of cylinders	6	
Bore and stroke	in (mm)	4.5 x 4.9 (115 x 125)
Displacement	in³ (litres)	475 (7.8)
Battery	2 x 12 volt heavy duty	
Alternator	24V 50A	
Starter motor	24V 4.5kW	
Air filter type	Dry element type with secondary safety element and in-cab warning indicator	
Cooling	Suction fan with side-by-side water, hydraulic oil and intercooler sections and optional swing-out air-conditioning condenser	

HYDRAULIC SYSTEM

Type	Load-sensing open-centre system	
Additional circuits	A range of additional high- and low-flow circuits can be added depending upon specification	
Main pump	2 axial piston type variable displacement pumps	
Maximum pump flow	gal/min (l/min)	2 x 79 (2 x 250)
Relief valve settings		
Implement	lb/in² (bar)	5410 (373)
Travel	lb/in² (bar)	4975 (343)
Swing	lb/in² (bar)	4190 (289)
Pilot circuit	lb/in² (bar)	580 (40)

ENVIRONMENT

Engine emissions		Fully compliant with EU Stage III A and EPA Tier III exhaust emissions regulations
Noise levels		
LwA external	dBA	104
LwA operator ear	dBA	74

SWING SYSTEM

Type	Axial piston motor	
Swing lock	Hydraulically actuated multi-disc brake integrated with swing motor	
Swing speed	rpm	10
Swing torque	lb/ft (kN)	21132 (94)
Maximum pressure	lb/in² (bar)	4192 (289)

DRIVES AND BRAKES

Steering control		Twin pedal and levers giving independent track control	
Drive method		Hydrostatic	
Travel operation		3-speed with automatic shift between medium and high speed	
Gradeability		70% 35°	
Maximum travel speeds			
Low	mph (kph)	1.37 (2.2)	
Medium	mph (kph)	1.99 (3.2)	
High	mph (kph)	3.36 (5.4)	
Tractive effort	lb/ kgf (kN)	52830/23963 (234)	
Brake system		Hydraulically operated discs in each travel motor	

UNDERCARRIAGE

Construction	Fully welded X-frame type with track and central underguarding. Angled side members with top-roller dirt relief holes
Track assembly	
Type	Greased and sealed for life
Shoes (each side)	50
Tension	Combined spring and hydraulic
Track guides (each side)	2
Rollers	
Track rollers (each side)	9
Carrier rollers (each side)	2

COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank	gal (liters)	171 (650)
Radiator	gal (liters)	10.0 (38)
Engine oil	gal (liters)	10.0 (38)
Swing drive	gal (liters)	4.2 (16)
Hydraulic tank	gal (liters)	38.3 (145)
Final drive (each side)	gal (liters)	0.9 (3.5)

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WEIGHTS AND GROUND BEARING PRESSURES

Figures include 20ft 4in (6.2m) monoboom, 10ft 2in (3.1m) arm, 1.63yd³ (1.245m³) (2158lb (979kg)) bucket, full fuel tank and operator.

Track plate width	in (mm)	24 (600)	28 (700)	31 (800)	35 (900)
Machine weight	lb (kg)	67215 (30488)	67986 (30838)	68432 (31040)	68877 (31242)
Ground bearing pressure	lb/in ² (kg/cm ²)	9.24 (0.65)	8.01 (0.56)	7.05 (0.50)	6.31 (0.44)

BUCKET AND ARM FORCE

Arm length		8ft 2in (2.50m)	10ft 2in (3.10m)	12ft 2in (3.70m)
Bucket digging force	lbf (kN)	46535 (207.0)	46535 (207.0)	46535 (207.0)
Bucket digging force at power boost	lbf (kN)	50807 (226.0)	50807 (226.0)	50807 (226.0)
Arm crowd force	lbf (kN)	34576 (153.8)	29158 (129.7)	24279 (108.0)
Arm crowd force at power boost	lbf (kN)	36846 (163.9)	31069 (138.2)	25876 (115.1)

STANDARD EXCAVATING BUCKETS

JS 290 Bucket and arm combination								
Bucket width	in (mm)	35 (900)	39 (1000)	47 (1200)	53 (1350)	59 (1500)	63 (1600)	71 (1800)
Bucket capacity	yd³ (m³)	1.11 (0.85)	1.28 (0.98)	1.63 (1.245)	1.9 (1.45)	1.95 (1.49)	2.1 (1.61)	2.41 (1.845)
Bucket weight	lb (kg)	2030 (921)	2147 (974)	2441 (1107)	2707 (1228)	2760 (1252)	2875 (1304)	3131 (1420)
Dipper length								
2.50m		○	○	○	○	○	●	●
3.10m		○	○	○	●	●	■	—
3.70m		○	○	●	■	■	—	—

○ Material weight up to 1.35lb/yd³ (1800kg/m³)

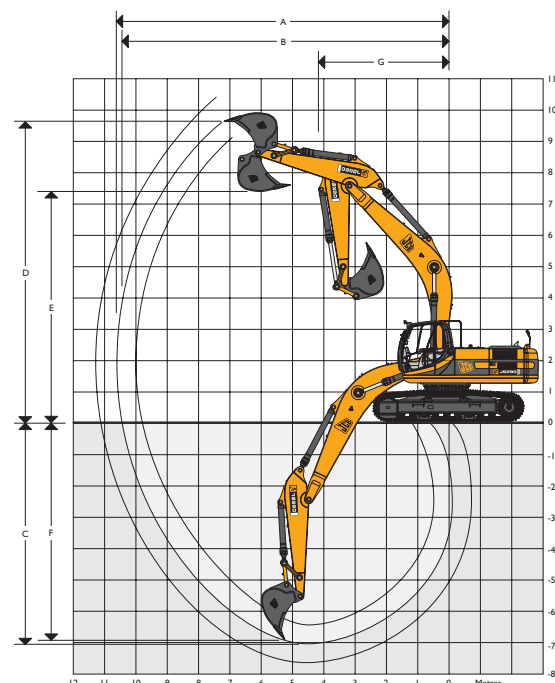
● Material weight up to 1.13lb/yd³ (1500kg/m³)

■ Material weight up to 0.90lb/yd³ (1200kg/m³)

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.

WORKING RANGE



WORKING RANGE

Boom length 20ft 4in (6.20m)					
Dipper length			8ft 2in (2.5m)	10ft 2in (3.1m)	12ft 2in (3.7m)
A	Maximum digging reach	ft-in (mm)	32-11 (10032)	34-10 (10607)	36-11 (11261)
B	Maximum digging reach (on ground)	ft-in (mm)	32-2 (9810)	34-1 (10398)	36-4 (11005)
C	Maximum digging depth	ft-in (mm)	21-1 (6425)	23-0 (7020)	25-0 (7619)
D	Maximum digging height	ft-in (mm)	31-8 (9647)	32-10 (10020)	34-7 (10530)
E	Maximum dumping height	ft-in (mm)	23-1 (7044)	24-2 (7369)	25-10 (7880)
F	Maximum vertical wall cut depth	ft-in (mm)	12-3 (3737)	15-1 (4591)	16-1 (4909)
G	Minimum swing radius	ft-in (mm)	13-9 (4196)	13-8 (4165)	13-4 (4059)
	Bucket rotation	deg.	185°	185°	185°
	Dipper tearout (ISO 6015)	lbf (kN)	34576 (153.8)	29158 (129.7)	24279 (108.0)
	Dipper tearout with boost (ISO 6015)	lbf (kN)	36846 (163.9)	31069 (138.2)	25876 (115.1)
	Bucket tearout (ISO 6015)	lbf (kN)	46535 (207.0)	46535 (207.0)	46535 (207.0)
	Bucket tearout with boost (ISO 6015)	lbf (kN)	50807 (226.0)	50807 (226.0)	50807 (226.0)

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LIFT CAPACITIES – Dipper length: 8ft 2in (2.5m), Monoboom: 20ft 4in (6.2m), Trackplates: 24in (600mm), No bucket.

JS290 LC

Load Point	Reach from swing center									
	3ft 4in (1.0m)		6ft 6in (2.0m)		9ft 10in (3.0m)		13ft 1in (4.0m)		16ft 5in (5.0m)	
Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)
26ft 2in (8.0m)										
23ft 0in (7.0m)										
19ft 8in (6.0m)										
16ft 5in (5.0m)							25402 (11520)*	25402 (11520)*	21587 (9790)*	21587 (9790)*
13ft 1in (4.0m)									24542 (11130)*	21168 (9600)
9ft 10in (3.0m)									28577 (12960)*	20043 (9090)
6ft 6in (2.0m)									31620 (14340)*	19117 (8670)
3ft 4in (1.0m)									32259 (14630)	18522 (8400)
0ft 0in (0m)									31928 (14480)	18235 (8270)
-3ft 4in (-1.0m)							38411 (17420)*	25754 (11680)	31818 (14430)	18169 (8240)
-6ft 6in (-2.0m)					34817 (15790)*	34817 (15790)*	40903 (18550)*	25953 (11770)	31928 (14480)	18676 (8470)
-9ft 10in (-3.0m)					46768 (21210)*	44100 (20000)	38147 (17300)*	26306 (11930)	31421 (14250)*	18478 (8380)
-13ft 1in (-4.0m)					41211 (18690)*	41211 (18690)*	33847 (15350)*	26879 (12190)*	27937 (12670)*	18941 (8590)
-16ft 5in (-5.0m)							26747 (12130)*	216747 (12130)*		

	Reach from swing center										
Load Point	19ft 8in (6.0m)		23ft 0in (7.0m)		26ft 2in (8.0m)		29ft 6in (9.0m)		Maximum Reach		
											
Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft (mm)
26ft 2in (8.0m)	17728 (8040)*	17464 (7920)							17750 (8050)*	17375 (7880)	19.7 (6019)
23ft 0in (7.0m)	17199 (7800)*	17199 (7800)*							17508 (7940)*	13175 (6220)	22.7 (6908)
19ft 8in (6.0m)	17927 (8130)*	17243 (7820)	17442 (7910)*	13362 (6060)					17508 (7940)*	11664 (5290)	24.8 (7556)
16ft 5in (5.0m)	19426 (8810)*	16736 (7590)	18169 (8240)*	13098 (5940)	16538 (7500)	10452 (4740)			16449 (7460)*	10408 (4720)	26.3 (8024)
13ft 1in (4.0m)	21411 (9710)*	16097 (7300)	19316 (8760)*	12723 (5770)	16339 (7410)	10297 (4670)			15259 (6920)	9592 (4350)	27.4 (8343)
9ft 10in (3.0m)	23571 (10690)*	15435 (7000)	19823 (8990)	12304 (5580)	16097 (7300)	10055 (4560)			14531 (6590)	9085 (4120)	28.0 (8530)
6ft 6in (2.0m)	24586 (11150)	14840 (6730)	19382 (8790)	11929 (5410)	15832 (7180)	9812 (4450)			14200 (6440)	8820 (4000)	28.2 (8595)
3ft 4in (1.0m)	43924 (19920)	14377 (6520)	19051 (8640)	11620 (5270)	15611 (7080)	9614 (4360)			14200 (6440)	8776 (3980)	28.0 (8539)
0ft 0in (0m)	23748 (10770)	14112 (6400)	18809 (8530)	11400 (5170)	15479 (7020)	9504 (4310)			14531 (6590)	8952 (4060)	27.4 (8361)
-3ft 4in (-1.0m)	23616 (10710)	13980 (6340)	18698 (8480)	11312 (5130)	15457 (7010)	9482 (4300)			15325 (6950)	9393 (4260)	26.4 (8052)
-6ft 6in (-2.0m)	23638 (10720)	14002 (6350)	18743 (8500)	11356 (5150)					16714 (7580)	10231 (4640)	24.9 (7595)
- 9ft 10in (-3.0m)	23858 (10820)	14200 (6440)							19161 (8690)	11664 (5290)	22.8 (6962)
- 13ft 1in (-4.0m)	22623 (10260)*	14641 (6640)							22072 (10010)*	14355 (6510)	20.2 (6094)
-16ft 5in (-5.0m)									21807(9890)*	20617 (9350)	15.9 (4861)

Lift capacity front and rear.
 Lift capacity full circle.

Notes:

1. The above loads are in compliance with SAE and ISO Hydraulic Excavator Lift Capacity Standards.
2. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
3. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.

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LIFT CAPACITIES – Dipper length: 10ft 2in (3.1m), Monoboom: 20ft 4in (6.2m), Trackplates: 24in (600mm), No bucket.

JS290 LC

Load Point	Reach from swing center									
	3ft 4in (1.0m)		6ft 6in (2.0m)		9ft 10in (3.0m)		13ft 1in (4.0m)		16ft 5in (5.0m)	
Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)
26ft 2in (8.0m)										
23ft 0in (7.0m)										
19ft 8in (6.0m)										
16ft 5in (5.0m)										
13ft 1in (4.0m)							27563 (12500)*	27563 (12500)*	22447 (10180)*	21697 (9840)
9ft 10in (3.0m)									26195 (11880)*	20484 (9290)
6ft 6in (2.0m)									29613 (13430)*	19426 (8810)
3ft 4in (1.0m)									32171 (14590)*	18654 (8460)
0ft 0in (0m)							29260 (13270)*	25468 (11550)	31906 (14470)	18191 (8250)
-3ft 4in (-1.0m)					21212 (9620)*	21212 (9620)*	36537 (16570)*	25380 (11510)	31642 (14350)	17971 (8150)
-6ft 6in (-2.0m)			23307 (10570)*	23307 (10570)*	30561 (13860)*	30561 (13860)*	42336 (19200)*	25490 (11560)	31620 (14340)	17949 (8140)
-9ft 10in (-3.0m)			32546 (14760)*	32546 (14760)*	41476 (18810)*	41476 (18810)*	40219 (18240)	25754 (11680)	31774 (14410)	18081 (8200)
-13ft 1in (-4.0m)			43416 (19690)*	43416 (19690)*	46327 (21010)*	43791 (19860)	36824 (16700)*	26217 (11890)	30054 (13630)*	18412 (8350)
-16ft 5in (-5.0m)					39073 (17720)*	39073 (17720)*	31443 (14260)*	26945 (12220)	25556 (11590)*	18985 (8610)

Load Point	Reach from swing center										
	19ft 8in (6.0m)		23ft 0in (7.0m)		26ft 2in (8.0m)		29ft 6in (9.0m)		Maximum Reach		
											ft (mm)
Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
26ft 2in (8.0m)			13054 (5920)*	13054 (5920)*					13208 (5990)*	13208 (5990)*	22.4 (6838)
23ft 0in (7.0m)			15369 (6790)*	13693 (6210)					12613 (5720)	11687 (5300)	25.0 (7629)
19ft 8in (6.0m)	15986 (7250)*	15986 (7250)*	1568 (7110)*	13539 (6140)	15104 (6850)*	10716 (4860)			12326 (5590)*	10165 (4610)	27.0 (8219)
16ft 5in (5.0m)	17552 (7960)*	17001 (7710)*	16582 (7520)*	13230 (6000)	16074 (7290)*	10574 (4800)			12282 (5570)*	9173 (4160)	28.4 (8650)
13ft 1in (4.0m)	19602 (8890)*	16339 (7410)	17861 (8100)*	12833 (5820)	16427 (7450)	10341 (4690)			12414 (5630)*	8533 (3870)	29.4 (8946)
9ft 10in (3.0m)	21918 (9940)*	15633 (7090)	19360 (8780)*	12392 (5620)	16119 (7310)	10044 (4560)	13340 (6050)	8291 (3760)	12745 (5780)*	8114 (3680)	29.9 (9121)
6ft 6in (2.0m)	24145 (10950)*	14950 (6780)	19448 (8820)	11951 (5420)	15810 (7170)	9790 (4440)	13164 (5970)	8136 (3690)	12767 (5790)	7872 (3570)	30.1 (9181)
3ft 4in (1.0m)	24145 (10950)*	14421 (6540)	19029 (8630)	11576 (5250)	15545 (7050)	9526 (4320)	13010 (5900)	8004 (3630)	12745 (5780)	7828 (3550)	30.0 (9129)
0ft 0in (0m)	23704 (10750)	14024 (6360)	18720 (8490)	11290 (5120)	15347 (6960)	9249 (4240)			12987 (5890)	7960 (3610)	29.4 (8963)
-3ft 4in (-1.0m)	23461 (10640)	13825 (6270)	18522 (8400)	11135 (5050)	15215 (6900)	9239 (4190)			13561 (6150)	8291 (3760)	28.5 (8676)
-6ft 6in (-2.0m)	23395 (10610)	13759 (6240)	18478 (8380)	11091 (5030)	15237 (6910)	9261 (4200)			14597 (6620)	8886 (4030)	27.1 (8255)
-9ft 10in (-3.0m)	23483 (10650)	13847 (6280)	18588 (8430)	11179 (5070)					16295 (7390)	9923 (4500)	25.2 (7678)
-13ft 1in (-4.0m)	23792 (10790)	14112 (6400)							19316 (8760)	11709 (5310)	22.6 (6903)
-16ft 5in (-5.0m)									20815 (9440)*	15215 (6900)	19.2 (5851)

Lift capacity front and rear.

Lift capacity full circle.

- Notes:**
1. The above loads are in compliance with SAE and ISO Hydraulic Excavator Lift Capacity Standards.
 2. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
 3. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.

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LIFT CAPACITIES – Dipper length: 12ft 1in (3.7m), Monoboom: 20ft 4in (6.2m), Trackplates: 24in (600mm), No bucket.

JS290 LC

Load Point	Reach from swing center									
	3ft 4in (1.0m)		6ft 6in (2.0m)		9ft 10in (3.0m)		13ft 1in (4.0m)		16ft 5in (5.0m)	
Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)
29ft 6in (9.0m)										
26ft 2in (8.0m)										
23ft 0in (7.0m)										
19ft 8in (6.0m)										
16ft 5in (5.0m)										
13ft 1in (4.0m)									19823 (8990)*	19823 (8990)*
9ft 10in (3.0m)							30010 (13610)*	29745 (13490)	23660 (10730)	21014 (9530)
6ft 6in (2.0m)							36140 (16390)*	27629 (12530)	27386 (12420)*	19801 (8980)
3ft 4in (1.0m)							31179 (14140)*	26217 (11890)	30451 (13810)*	18853 (8550)
0ft 0in (0m)					14399 (6530)*	14399 (6530)*	30297 (13740)*	25468 (11550)	31973 (14500)	18213 (8260)
-3ft 4in (-1.0m)			13451 (6100)*	13451 (6100)*	13451 (9030)*	19911 (9030)*	34067 (15450)*	25137 (11400)	31532 (14300)	17838 (8090)
-6ft 6in (-2.0m)	13775 (7880)*	13775 (7880)*	19757 (8960)*	19757 (8960)*	19757 (11980)*	26416 (18490)*	40770 (18490)*	25093 (11380)	31355 (14220)	17706 (8030)
-9ft 10in (-3.0m)	23153 (10500)*	23153 (10500)*	26526 (12030)*	26526 (12030)*	26526 (15520)*	34222 (15520)*	41652 (18890)*	25247 (11450)	31399 (14240)	17750 (8050)
-13ft 1in (-4.0m)			34376 (15590)*	34376 (15590)*	34376 (20000)*	43130 (19560)	39095 (17730)	25600 (11610)	31532 (14300)*	17949 (8140)
-16ft 5in (-5.0m)			44232 (20060)*	44232 (20060)*	44232 (20180)*	44078 (19990)	34971 (15860)*	26211 (11887)	28356 (12860)*	18368 (8330)
-19ft 8in (-6.0m)							28224 (12800)*	27099 (12290)	22403 (10160)*	19117 (8670)

	Reach from swing center										
Load Point	19ft 8in (6.0m)		23ft 0in (7.0m)		26ft 2in (8.0m)		29ft 6in (9.0m)		Maximum Reach		
											
Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft (mm)
29ft 6in (9.0m)									8908 (4040)*	8908 (4040)*	22.2 (6781)
26ft 2in (8.0m)			13054 (5920)*	13054 (5920)*					8203 (3720)*	8203 (3720)	25.3 (7713)
23ft 0in (7.0m)			13495 (6120)*	13495 (6120)*	11598 (5260)*	10959 (4970)			7784 (3530)*	7784 (3530)*	27.6 (8420)
19ft 8in (6.0m)			14002 (6350)*	13781 (6250)	14112 (6400)*	10915 (4950)			7585 (3440)*	7585 (3440)*	29.4 (8956)
16ft 5in (5.0m)	15611 (7080)*	15611 (7080)*	15016 (6810)*	13451 (6100)	14663 (6650)*	10716 (4860)	11421 (5180)*	8666 (3930)	7475 (3390)*	7475 (3390)	30.7 (9353)
13ft 1in (4.0m)	17728 (8040)*	16648 (7550)	16383 (7430)*	13010 (5900)	15523 (7040)*	10452 (4740)	13605 (6170)	8511 (3860)	7497 (3400)*	7497 (3400)	31.6 (9627)
9ft 10in (3.0m)	20154 (9140)	15898 (7210)	17971 (8150)*	12524 (5680)	16207 (7350)	10121 (4590)	13384 (6070)	8335 (3780)	7629 (3460)*	7166 (3250)	32.1 (9789)
6ft 6in (2.0m)	22579 (10240)*	15148 (6870)	19558 (8870)	12039 (5460)	15854 (7190)	9812 (4450)	13164 (5970)	8114 (3680)	7850 (3560)*	6968 (3160)	32.3 (9845)
3ft 4in (1.0m)	24277 (11010)*	14509 (6580)	19073 (8650)	11598 (5260)	15523 (7040)	9504 (4310)	12965 (5880)	7938 (3600)	8225 (3730)*	6924 (3140)	32.1 (9796)
0ft 0in (0m)	23726 (10760)	14024 (6360)	18676 (8470)	11246 (5100)	15259 (6920)	9261 (4200)	12789 (5800)	7784 (3530)	8732 (3960)*	7012 (3180)	31.6 (9642)
-3ft 4in (-1.0m)	23373 (10600)	13715 (6220)	18412 (8350)	11003 (4990)	15082 (6840)	9107 (4130)	12701 (5760)	7695 (3490)	9482 (4300)	7277 (3300)	30.8 (9376)
-6ft 6in (-2.0m)	23197 (10520)	13561 (6150)	18279 (8290)	10893 (4940)	14994 (6800)	9040 (4100)			10496 (4760)*	7718 (3500)	29.5 (8989)
-9ft 10in (-3.0m)	23175 (10510)	13561 (6150)	18279 (8290)	10893 (4940)	15060 (6830)	9085 (4120)			12017 (5450)*	8467 (3840)	27.8 (8464)
-13ft 1in (-4.0m)	23373 (10600)	13715 (6220)	18456 (8370)	11047 (5010)					14487 (6570)*	9680 (4390)	25.5 (7771)
-16ft 5in (-5.0m)	23153 (10500)*	14090 (6390)							18809 (8530)	11797 (5350)	22.5 (6858)
-19ft 8in (-6.0m)									18720 (8490)*	16251 (7370)	18.4 (5614)

Lift capacity front and rear.
 Lift capacity full circle.

Notes:

- The above loads are in compliance with SAE and ISO Hydraulic Excavator Lift Capacity Standards.
- They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
- Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.

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STANDARD EQUIPMENT

Isuzu 6HK1X, 6-cylinder, common-rail, turbocharged, intercooled, direct-injection, EU Stage III A and EPA Tier III compliant engine
Dual element type air cleaner with in-cab blocked filter warning
Automatic fuel system de-aeration
Automatic engine warm up
Engine overheat warning / prevention system
Automatic engine deceleration / idle system
AMS machine monitoring system
4 selectable work modes – Auto, Economy, Lifting and Precision
Climate control
Remote engine oil level check
ISO/SAE Dual Pattern Control Switch
Plexus hydraulic oil filtration system
Servo oil filtration
Dual fuel pre-filters with additional engine filter and water separator
3-speed travel
Auto operator cab – pressurised, tinted safety glass with sun visor, opening front window with integrated lower glass storage, operator storage shelf with cargo net, ashtray with cigarette / phone charger socket, mobile phone holder, radio mute switch
High-back suspension operator seat
Overload caution warning system
Horn
Upper and lower guarding
Lockable service doors and engine cover
Frame-mounted toolbox
Remote slew-bearing grease points
Electric refuelling pump with auto-stop
Upper-frame-mounted handrails and non-slip walkways
Boom- and mainframe-mounted worklights
Travel alarm
Toolkit
Quick-connect engine oil drain
Remote-mounted easy-access engine and hydraulic oil filters
Cushion control
Operator manual

OPTIONAL EQUIPMENT

600mm, 700mm, 800mm, 900mm track plate width options
8ft2in (2.5m), 10ft2in (3.1m) and 12ft1in (3.7m) dipper length options
Auxiliary pipework options (high and low flow)
Hose-burst check valves
Tipping-link-mounted lifting points
FOPS level 2 operator protection system
Mesh screen guard
Additional worklights
ISO 32 or ISO 68 hydraulic oil
Biodegradable hydraulic oil
Lower screen wiper
Rain visor (not compatible with FOPS protection or mesh screen guard)
Heated and air-suspension high-backed operator seat
Radio
Fire extinguisher
Widcore radiator
Visibowl or Turbo 2 precleaner
P3 or carbon cab air intake filter
Quickhitch operation pipework
Range of JCB buckets and attachments

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*Standard and Optional Equipment may vary by region. Please consult your JCB dealer for details.

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A GLOBAL COMMITMENT TO QUALITY

JCB's total commitment to its products and customers has helped it grow from a one-man business into one of the world's largest manufacturers of backhoe loaders, crawler excavators, wheeled excavators, telescopic handlers, wheeled loaders, dump trucks, rough terrain fork lifts, industrial fork lifts, mini/midi excavators, skid steer loaders and tractors.

By making constant and massive investments in the latest production technology, the JCB factories have become some of the most advanced in the world.

By leading the field in innovative research and design, extensive testing and stringent quality control, JCB machines have become renowned all over the world for performance, value and reliability.

And with an extensive dealer sales and service network in over 150 countries, we aim to deliver the best customer support in the industry.

Through setting the standards by which others are judged, JCB has become one of the world's most impressive success stories.



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