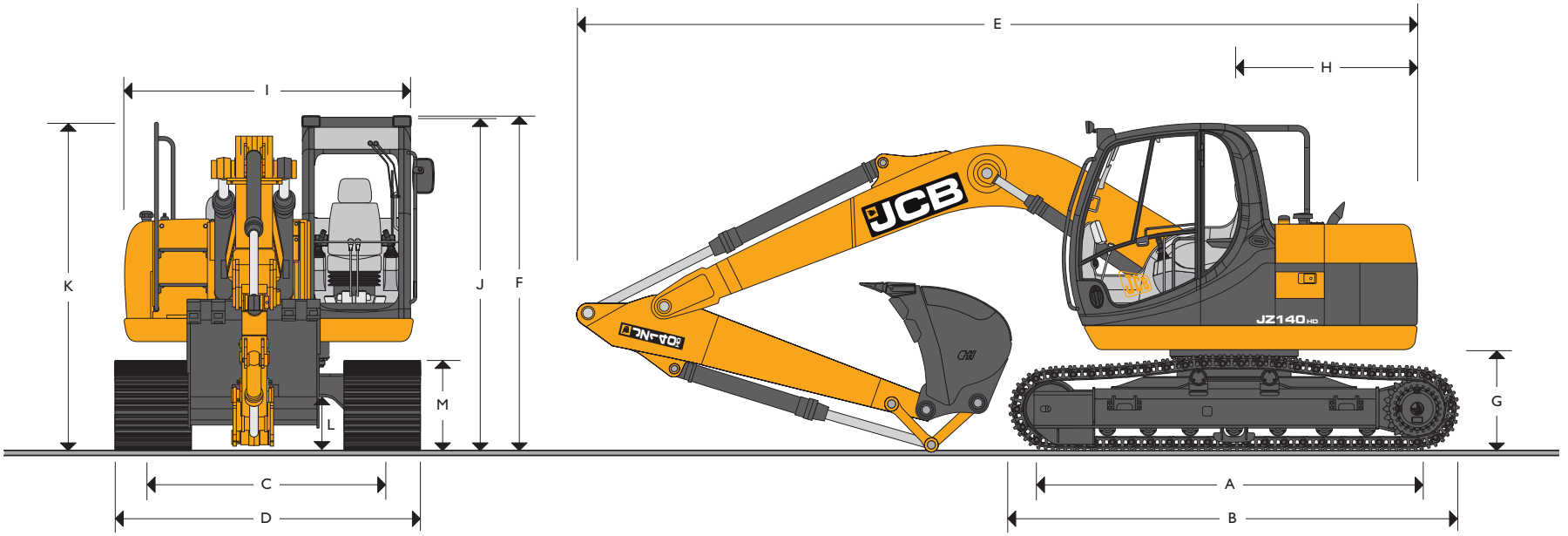
MAX OPERATING WEIGHT: 35,031 lb (15,890 kg) 36,707 lb (16,650 kg with optional blade) NET ENGINE POWER: 98 hp (73 kW)



STATIC DIMENSIONS

Dimensions in ft-in (mm)			
A Track Length on Ground		9-5 (2780)	
B Undercarriage Overall Length		11-10 (3607)	
C Track Gauge		6-6 (1990)	
D Width Over Tracks (20 in (500 mm) trackshoes)		8-2 (2490)	
D Width Over Tracks (24 in (600 mm) trackshoes)		8-6 (2590)	
D Width Over Tracks (28 in (700 mm) trackshoes)		8-10 (2690)	
D Width Over Tracks (33 in (850 mm) trackshoes)		9-4 (2840)	
Dipper Lengths	**6 ft 11 in (2.1 m)**	**8 ft 2 in (2.5 m)**	**9 ft 10 in (3.0 m*)**
E Transport Length with Monoboom	24-2 (7370)	24-3 (7380)	24-1 (7330)
F Transport Height with Monoboom	9-4 (2840)	9-4 (2840)	10-8 (3240)

Dimensions in ft-in (mm)	
G Counterweight Clearance	3-0 (910)
H Tail Swing Radius	4-7 (1420)
I Width of Superstructure	8-2 (2500)
J Height Over Cab	9-4 (2840)
K Height Over Grab Rail	9-4 (2840)
L Ground Clearance	1-6 (460)
M Track Height	2-8 (815)

*Dipper in transport position, using alternative pivot point.

ENGINE

Model:	Isuzu 4JJIX Tier III emissions compliant.
Type:	Water cooled, 4-stroke, 4-cylinder in-line, direct injection, turbocharged diesel.
Nett Power (ISO 15550-2002):	98 hp (73 kW) at 2,000 rpm.
Piston Displacement:	184 cu in (2.999 l).
Injection:	Electrical governor.
Air Filtration:	Dry element with secondary safety element and in cab warning indicator.
Cooling:	Large capacity radiator.
Starting System:	24 V – 6 hp (4.5 kW).
Batteries:	2 x 12 V Heavy-duty.
Alternator:	24 V 50 amp.
Refuelling Pump:	Electric type (optional).

SWING SYSTEM

Swing Motor:	Axial piston type.
Swing Brake:	Hydraulic braking plus automatic spring applied disc type parking brake.
Final Drive:	Planetary reduction.
Swing Speed:	12.8 rpm.
Swing Gear:	Large diameter, internally toothed fully sealed grease bath lubricated.
Swing Lock:	Multi position switchable brake.

UNDERCARRIAGE

Construction:	Fully welded, "X" frame type with central bellyguard plate 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 Type:	Sealed and lubricated.
Track Idler:	Sealed and lubricated, with spring cushioned recoil.
Track Shoes:	20 in (500 mm) triple grouser 24 in (600 mm) triple grouser 28 in (700 mm) triple grouser 33 in (850 mm) triple grouser

Rollers and Shoes (each side):

Upper rollers	2
Lower rollers	7
Track shoes	44

HYDRAULIC SYSTEM

A variable flow load sensing system with flow on demand, variable power output and servo operated, multi-function open center control. Machine auto warm up standard – maximizes performance in cold conditions.

Pumps:

Main Pumps	2 variable displacement axial piston type.
Maximum Flow	2 x 32 gpm (2 x 124 l/min).
Servo Pump	Gear type.
Maximum Flow	5.5 gpm (21 l/min).
Fan Drive	Gear type.
Maximum Flow	10 gpm (40 l/min).

Control Valve:

A combined four and five spool control valve with auxiliary service spool as standard. When required twin pump flow is combined to boom and dipper services for greater speed and efficiency.

Relief Valve Settings:

Boom / Arm / Bucket	4,554 lbf/sq in (314 bar)
With Power Boost	4,975 lbf/sq in (343 bar)
Swing Circuit	4,045 lbf/sq in (279 bar)
Travel Circuit	4,975 lbf/sq in (343 bar)
Pilot Control	580 lbf/sq in (40 bar)

A separate Cushion Control valve in the servo system provides cushioning of the boom and dipper cylinders and quick warm-up of the servo system.

Hydraulic Cylinders:

Double acting type, with bolt-up end caps and hardened steel bearing bushing. End cushioning is fitted as standard on boom, dipper and bucket cylinders.
Optional hose burst check valves available for boom and dipper cylinders.

Filtration:

The hydraulic components are protected by the highest standard of filtration to ensure long hydraulic fluid and component life.

In Tank:	150 micron, suction strainer.
Main Return Line:	10 micron, fibreform element.
Plexus Bypass Line:	1.5 micron, paper element.
Pilot Line:	10 micron, paper element.
Hydraulic Hammer Return:	10 micron, reinforced microform element.

Cooling:

Worldwide cooling is provided as part of a single face cooling pack, in conjunction with the engine water cooler.

TRACK DRIVE

Type:	Fully hydrostatic, three speed with autoshift between high and medium speed.
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 to prevent overspeeding on gradients.
Park Brake:	Disc type, spring applied, automatic hydraulic release.
Gradeability:	70% (35 deg) continuous.
Travel Speed:	High – 3.2 mph (5.4 km/h). Mid – 1.9 mph (3.3 km/h). Low – 1.2 mph (2.3 km/h).
Tractive Effort:	28,326 lbf (126 kN, 13,256 kgf,).

EXCAVATOR END

Monoboom available along with a choice of dipper lengths to suit the requirements of reach, dig-depth, loadover height, tearouts and site versatility. Reserve strength is built into the fully welded structures for hydraulic hammer and other arduous operations.
Fabricated bucket tipping links are provided with a choice of lift points.
Strong, durable construction, large cross sections and multi plate fabrications to withstand high stress applications.
The 15 ft 5 in (4.7 m) boom is designed to ensure the optimum digging envelope when matched with the three dipper lengths.
Low maintenance bronze alloy bushing with graphite plugs are fitted to boom base and boom to dipper pivots resulting in 1,000 hour greasing intervals at these points.

BLADE – Optional

	ft-in (mm)
Overall Width with 24 in (600 mm) pads	8-6 (2610)
Overall Width with 28 in (700 mm) pads	8-10 (2710)
Blade Height	1-9 (540)
Cut Below Ground	1-6 (450)
Maximum Tilt Height	1-3 (380)
Control	Independent Lever in Cab

CAB

Excellent digging, loading and positioning visibility results from the careful design of front, side and roof lights. All glass is tinted to improve in-cab conditions.
Fully opening front windshield is very smooth to operate and as the lower windshield is stored within the top section's frame it makes complete front windshield opening easy, fast and convenient.
Fresh air ventilation available from opening door window, opening slot in front windshield and fully opening front windshield.
Parallelogram wash wiper for upper windshield ensuring good wiped area for maximum visibility. Wiper motor is fitted in the left hand side of the roof screen so as not to affect bucket visibility when loading.
Fresh air ventilation and heater with windshield defroster. Infinitely variable blower speed, temperature and recirculation control. Air conditioning incorporating chilled cool box. Fully adjustable deluxe suspension seat with arm rest adjustment and backrest recline. Radio cassette player with digital tuner fitted into the roof lining for maximum protection.
Conveniently placed radio mute button incorporated into lower console. 12v power point and mobile phone holder built into the right hand console. Courtesy light can be operated from ground level and is illuminated for five minutes or until switched off improving operator access at night. Cab mounted roller blind protects operator from suns' glare through front or top windshield.

AMS – ADVANCED MANAGEMENT SYSTEM

Four selectable working modes link the operators control movements with the engine and hydraulic systems to maximise productivity and efficiency.

A (Auto): Up to 100% engine power and 100% flow. Gives variable power and speed depending on the operator's input, matching the demand for output and efficiency to the job. Power boost is automatically activated in this mode should hard conditions be encountered. Auto idle cuts in after a period of inactivity (between 5 and 30 seconds as set by the operator)

E (Economy): 80% engine power. 95% of hydraulic flow maximises economy while maintaining excellent output.

P (Precision): 55% engine power. 90% of hydraulic flow for fine control of grading operations.

L (Lifting): 55% engine power. 63% of hydraulic flow with permanent power boost for maximum lifting power and control.

The Auto mode allows the AMS processor to select the optimum operational performance to match the demands of the job while the three alternative modes give precise matching of application when specific tasks are undertaken.
The adjustable position monitor mounted on the front right hand pillar of the cab gives the operator a constant read out of mode, tracking range, operating temperature and a host of other information, while retaining excellent visibility of the monitor and the job being carried out.
The required flow for hammer applications can be set and stored in the AMS memory and is automatically activated whenever the hammer pedal is depressed.
A maintenance indicator warns of imminent service needs, and all servicing and basic checks can be carried out using only the in-cab display.

CONTROLS

Excavator: All servo lever operated to ISO control pattern, independently adjustable to the seat. Dual pattern switch fitted as standard to select SAE control.

Tracks: Individually servo operated by foot pedal or hand lever. Speed selection via joystick button.

Auxiliary: Via servo operated foot pedal.

Control Isolation: Via gate lock lever at cab entrance or panel switch.

Engine Speed: Dial type throttle control plus servo lever mounted one-touch idle control or separate selectable auto-idle with adjustable time delay using AMS.

Engine Stop: Ignition key operated and seperate shut-down button.

Horn: Operated via servo lever mounted button.

SERVICE CAPACITIES

	gal	l
Fuel Tank	43	162
Engine Coolant	3.6	14
Engine Oil	3.1	11.6
Swing Reduction Gear	0.6	2.2
Track Reduction Gear (each side)	0.8	3.0
Hydraulic System	33	124.0
Hydraulic Tank	19	73.0

WEIGHTS AND GROUND BEARING PRESSURES

Machine equipped with 15 ft 5 in (4.7 m) Monoboom, 8 ft 2 in (2.5 m) Dipper, Standard Excavating Bucket 48 in (1200 mm) wide, operator and full fuel tank.

Shoe Width	Operating Weight	Bearing Pressure
20 in (500 mm)	32,609 lb (14,791 kg)	6.68 lb/sq in (0.47 kg/sq cm)
24 in (600 mm)	33,285 lb (15,098 kg)	5.69 lb/sq in (0.40 kg/sq cm)
28 in (700 mm)	33,726 lb (15,298 kg)	4.98 lb/sq in (0.35 kg/sq cm)
33 in (850 mm)	34,284 lb (15,551 kg)	4.12 lb/sq in (0.29 kg/sq cm)

STANDARD EXCAVATING BUCKETS

All buckets are JCB – Esco type fully welded steel, with sealed, hardened steel pivot pins and replaceable wear parts.

Max Width	Capacity (SAE heaped)	Weight
24 in (600 mm)	0.42 cu yd (0.32 cu m)	650 lb (295 kg)
30 in (750 mm)	0.56 cu yd (0.43 cu m)	736 lb (334 kg)
36 in (900 mm)	0.72 cu yd (0.55 cu m)	809 lb (367 kg)
40 in (1000 mm)	0.82 cu yd (0.63 cu m)	871 lb (395 kg)
44 in (1100 mm)	0.94 cu yd (0.72 cu m)	919 lb (417 kg)
48 in (1200 mm)	1.05 cu yd (0.80 cu m)	983 lb (446 kg)

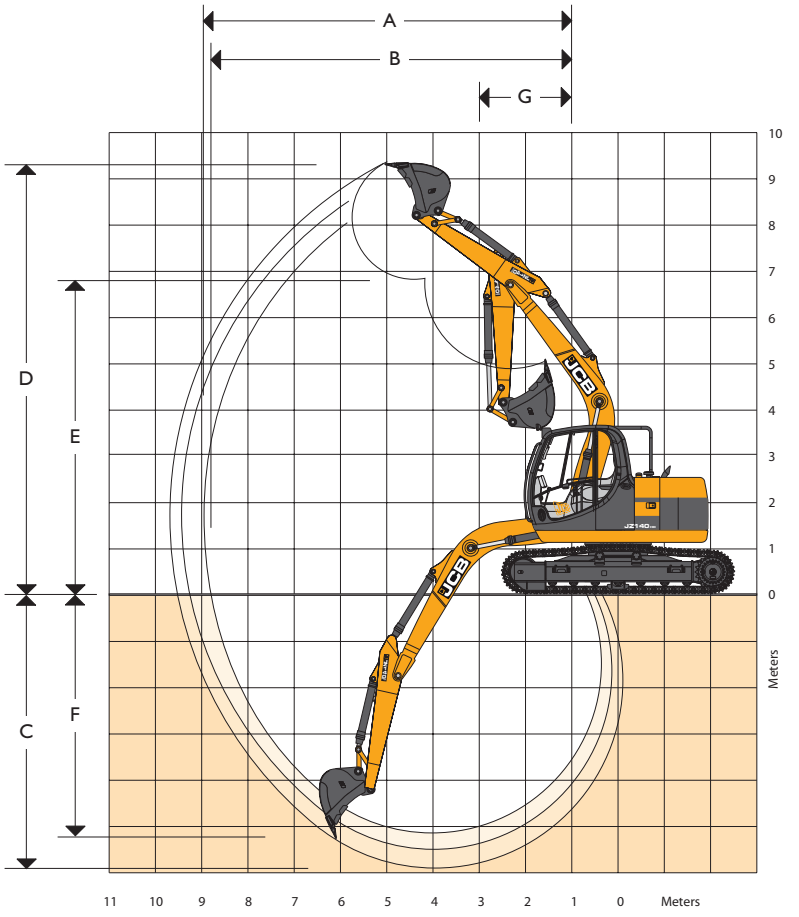
STANDARD / OPTIONAL EQUIPMENT

Standard Equipment: Radiator fan guard; Cold start pre-heat; Auto engine warm up; Double element air cleaner; Heavy duty alternator; Electrics isolator; Heavy duty batteries; Cab & engine soundproofing; Cab heater & windshield demister; Tinted glass; Interior light; Coat hook; Cigarette lighter; Ashtray; Operator's storage box; Removable floormat; Windshield washer/wiper; Plug-in power socket; Automatic power boost; Auto-idle; One-touch engine speed control; Hydraulic cushion control; Plexus hydraulic oil filtration; HSP pressure test points; Auxiliary pipework mounting brackets; Work lights – boom & mainframe mounted; Undercarriage belly guarding; Upper structure under covers; Swing system cover; External mirrors; Handrail & non slip walk ways; Quick connect engine oil drain pipe; Front screen blind; Quick connect fuel tank drain pipe; Hinged engine under cover; Air conditioning.

Optional Equipment: Hose burst check valves & overload warning system; Tipping link mounted lift points; General purpose buckets; Ditch/grading buckets; Quickhitch buckets; Hydraulic hammers; Auxiliary pipework (full and low flow); Cab mounted & rear work lights; Rotating beacon; Rain guard; Biodegradeable oil; Air suspension seat with heated pad and lumbar support adjustment; Electric refuelling pump; Track guides; Lower windshield wiper. Vandal cover kit.

WORKING RANGE

Boom Length: 15 ft 5 in (4.70 m)			
Dipper Length:			6 ft 11 in (2.10 m)
A	Maximum Digging Reach	ft-in (mm)	26-2 (7970)
B	Maximum Digging Reach (on ground)	ft-in (mm)	25-8 (7820)
C	Maximum Digging Depth	ft-in (mm)	16-11 (5150)
D	Maximum Digging Height	ft-in (mm)	28-11 (8820)
E	Maximum Dumping Height	ft-in (mm)	21-1 (6430)
F	Maximum Vertical Wall Cut Depth	ft-in (mm)	15-0 (4580)
G	Minimum Swing Radius	ft-in (mm)	6-9 (2050)
	Bucket Rotation	degrees	182°
	Maximum Dipper Tearout (ISO 6015)	lbf (kgf)	16,569 (7515)
	Maximum Bucket Tearout (ISO 6015)	lbf (kgf)	20,667 (9375)
Dipper Length:			8 ft 2 in (2.50 m)
A	Maximum Digging Reach	ft-in (mm)	27-4 (8340)
B	Maximum Digging Reach (on ground)	ft-in (mm)	26-11 (8200)
C	Maximum Digging Depth	ft-in (mm)	18-3 (5550)
D	Maximum Digging Height	ft-in (mm)	29-10 (9090)
E	Maximum Dumping Height	ft-in (mm)	22-0 (6700)
F	Maximum Vertical Wall Cut Depth	ft-in (mm)	16-4 (4980)
G	Minimum Swing Radius	ft-in (mm)	6-9 (2050)
	Bucket Rotation	degrees	182°
	Maximum Dipper Tearout (ISO 6015)	lbf (kgf)	14,720 (6680)
	Maximum Bucket Tearout (ISO 6015)	lbf (kgf)	20,667 (9375)
Dipper Length:			9 ft 11 in (3.00 m)
A	Maximum Digging Reach	ft-in (mm)	28-10 (8790)
B	Maximum Digging Reach (on ground)	ft-in (mm)	28-5 (8660)
C	Maximum Digging Depth	ft-in (mm)	19-10 (6050)
D	Maximum Digging Height	ft-in (mm)	30-10 (9410)
E	Maximum Dumping Height	ft-in (mm)	23-0 (7020)
F	Maximum Vertical Wall Cut Depth	ft-in (mm)	17-10 (5440)
G	Minimum Swing Radius	ft-in (mm)	7-11 (2410)
	Bucket Rotation	degrees	182°
	Maximum Dipper Tearout (ISO 5016)	lbf (kgf)	13,161 (5970)
	Maximum Bucket Tearout (ISO 5016)	lbf (kgf)	20,667 (9375)



LIFT CAPACITIES – Dipper Length: 6 ft 11 in (2.10 m), 15 ft 5 in (4.70 m) Monoboom, Trackshoes: 24 in (600 mm), No Bucket. JZ140

Reach	4 ft 11 in (1.5 m)		9 ft 10 in (3 m)		14 ft 9 in (4.5 m)		19 ft 8 in (6 m)		24 ft 7 in (7.5 m)		Capacity at Max Reach		
Load Point Height	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)
24.7 ft (7.5 m)			8640 (3920)*	8640 (3920)*							8710 (3950)*	8710 (3950)*	10-0 (3059)
19.8 ft (6.0 m)					7320 (3320)*	7320 (3320)*					6550 (2970)*	6550 (2970)*	16-6 (5046)
14.9 ft (4.5 m)			8665 (3930)*	8665 (3930)*	7715 (3500)*	7715 (3500)*	7055 (3200)*	5025 (2280)			5995 (2720)*	4915 (2230)	19-11 (6070)
9.10 ft (3.0 m)			13,580 (6160)*	13,580 (6160)*	9350 (4240)*	7560 (3430)	7055 (3200)	4915 (2230)			5930 (2690)*	4210 (1910)	21-8 (6604)
4.11 ft (1.5 m)					10,495 (4760)	7075 (3210)	6855 (3110)	4720 (2140)			5755 (2610)	3970 (1800)	22-2 (6766)
0 m			13,515 (6130)*	12,260 (5560)	10,165 (4610)	6790 (3080)	6700 (3040)	4585 (2080)			5910 (2680)	4035 (1830)	21-7 (6586)
– 4.11 ft (– 1.5 m)	12,105 (5490)*	12,105 (5490)*	18,120 (8250)*	12,300 (5580)	10,075 (4570)	6700 (3040)	6700 (3040)	4585 (2080)			6660 (3020)	4540 (2060)	19-9 (6032)
– 9.10 ft (– 3.0 m)			15,365 (6970)*	12,590 (5710)	10,250 (4650)	6855 (3110)					8885 (4030)	6040 (2740)	16-4 (4976)
– 14.9 ft (– 4.5 m)													

LIFT CAPACITIES – Dipper Length: 8 ft 2 in (2.50 m), 15 ft 5 in (4.70 m) Monoboom, Trackshoes: 24 in (600 mm), No Bucket. JZ140

Reach	4 ft 11 in (1.5 m)		9 ft 10 in (3 m)		14 ft 9 in (4.5 m)		19 ft 8 in (6 m)		24 ft 7 in (7.5 m)		Capacity at Max Reach		
Load Point Height	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)
24.7 ft (7.5 m)											6550 (2970)*	6550 (2970)*	12-6 (3820)
19.8 ft (6.0 m)					6415 (2910)*	6415 (2910)*					5270 (2390)*	5270 (2390)*	18-2 (5535)
14.9 ft (4.5 m)					6965 (3160)*	6965 (3160)*	6880 (3120)*	5095 (2310)			4870 (2210)*	4455 (2020)	21-3 (6481)
9.10 ft (3.0 m)			11,925 (5410)*	11,930 (5410)*	8640 (3920)*	7650 (3470)	7100 (3220)	4940 (2240)			4830 (2190)*	3880 (1760)	22-11 (6983)
4.11 ft (1.5 m)			16,515 (7490)*	12,830 (5820)	10,560 (4790)	7145 (3240)	6880 (3120)	4740 (2150)			5070 (2300)*	3660 (1660)	23-5 (7136)
0 m			15,100 (6850)*	12,235 (5550)	10,165 (4610)	6770 (3070)	6680 (3030)	4565 (2070)			5425 (2460)	3705 (1680)	22-10 (6966)
– 4.11 ft (– 1.5 m)	11,290 (5120)*	11,290 (5120)*	18,675 (8470)*	12,170 (5520)	10,010 (4540)	6635 (3010)	6615 (3000)	4495 (2040)			6020 (2730)	4100 (1860)	21-2 (6445)
– 9.10 ft (– 3.0 m)	20,480 (9290)*	20,480 (9290)*	16,425 (7450)*	12,390 (5620)	10,120 (4590)	6725 (3050)					7650 (3470)	5205 (2360)	17-11 (5472)
– 14.9 ft (– 4.5 m)													

LIFT CAPACITIES – Dipper Length: 9 ft 10 in (3.00 m), 15 ft 5 in (4.70 m) Monoboom, Trackshoes: 24 in (600 mm), No Bucket. JZ140

Reach	4 ft 11 in (1.5 m)		9 ft 10 in (3 m)		14 ft 9 in (4.5 m)		19 ft 8 in (6 m)		24 ft 7 in (7.5 m)		Capacity at Max Reach		
Load Point Height	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)
24.7 ft (7.5 m)					6325 (2870)*	6325 (2870)*					5690 (2580)*	5690 (2580)*	15-2 (4626)
19.8 ft (6.0 m)					5335 (2420)*	5335 (2420)*	5580 (2530)*	5160 (2340)			4805 (2180)*	4805 (2180)*	20-1 (6115)
14.9 ft (4.5 m)					5975 (2710)*	5975 (2710)*	6105 (2770)*	5160 (2340)			4520 (2050)*	3945 (1790)	22-11 (6981)
9.10 ft (3.0 m)			9855 (4470)*	9855 (4470)*	7695 (3490)*	7695 (3490)*	6810 (3090)*	4980 (2260)			4495 (2040)*	3460 (1570)	24-5 (7449)
4.11 ft (1.5 m)			15,430 (7000)*	13,095 (5940)	9875 (4480)*	7185 (3260)	6880 (3120)	4720 (2140)	4895 (2220)	3350 (1520)	4720 (2140)*	3285 (1490)	24-11 (7593)
0 m			16,580 (7520)*	12,170 (5520)	10,140 (4600)	6745 (3060)	6635 (3010)	4495 (2040)			4870 (2210)	3305 (1500)	24-5 (7433)
– 4.11ft (– 1.5 m)	10,120 (4590)*	10,120 (4590)*	18,870 (8560)	11,950 (5420)	9900 (4490)	6525 (2960)	6505 (2950)	4385 (1990)			5335 (2420)	3615 (1640)	22-10 (6948)
– 9.10 ft (– 3.0 m)	17,395 (7890)*	17,395 (7890)*	17,350 (7870)*	12,080 (5480)	9920 (4500)	6550 (2970)	6570 (2980)	4455 (2020)			6505 (2950)	4410 (2000)	19-10 (6058)
– 14.9 ft (– 4.5 m)			13,205 (5990)*	12,545 (5690)	8225 (3730)*	6880 (3120)					8135 (3690)*	6835 (3100)	14-10 (4524)

Lift Capacity Front and Rear

Lift Capacity Full Circle

Notes:

1. For lifting capacity including bucket, subtract total weight of bucket or bucket and quickhitch from above values.
2. 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.
3. Lift capacities assume that the machine is on firm, level ground.
4. Lift capacities may be limited by local regulations. Please refer to your dealer.

LIFT CAPACITIES – Dipper Length: 6 ft 11 in (2.10 m), 15 ft 5 in (4.70 m) Monoboom, Trackshoes: 24 in (600 mm), No Bucket. JZ140 + BLADE (IF FITTED)

Reach	4 ft 11 in (1.5 m)		9 ft 10 in (3 m)		14 ft 9 in (4.5 m)		19 ft 8 in (6 m)		24 ft 7 in (7.5 m)		Capacity at Max Reach		
Load Point Height	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)
24.7 ft (7.5 m)			8640 (3920)*	8640 (3920)*							8710 (3950)*	8705 (3950)*	10-00 (3059)
19.8 ft (6.0 m)					7320 (3320)*	7320 (3320)*					6550 (2970)*	6550 (2970)*	16-6 (5046)
14.9 ft (4.5 m)			8665 (3930)*	8665 (3930)*	7715 (3500)*	7715 (3500)*	7055 (3200)*	5315 (2410)			5995 (2720)*	5205 (2360)	19-11 (6070)
9.10 ft (3.0 m)			13,580 (6160)*	13,580 (6160)*	9350 (4240)*	7960 (3610)	7585 (3440)	5205 (2360)			5930 (2690)*	4475 (2030)	21-8 (6604)
4.11 ft (1.5 m)					11,220 (5090)*	7495 (3400)	7385 (3350)	5005 (2270)			6195 (2810)	4210 (1910)	22-2 (6766)
0 m			13,515 (6130)*	12,985 (5890)	10,935 (4960)	7185 (3260)	7230 (3280)	4870 (2210)			6370 (2890)	4300 (1950)	21-7 (6586)
– 4.11 ft (– 1.5 m)	12,105 (5490)*	12,105 (5490)*	18,190 (8250)*	13,030 (5910)	10,850 (4920)	7120 (3230)	7230 (3280)	4870 (2210)			7185 (3260)	4830 (2190)	19-9 (6032)
– 9.10 ft (– 3.0 m)			15,365 (6970)*	13,315 (6040)	10,430 (4730)*	7275 (3300)					8907 (4040)	6395 (2900)	16-4 (4976)
– 14.9 ft (– 4.5 m)													

LIFT CAPACITIES – Dipper Length: 8 ft 2 in (2.10 m), 15 ft 5 in (4.70 m) Monoboom, Trackshoes: 24 in (600 mm), No Bucket. JZ140 + BLADE (IF FITTED)

Reach	4 ft 11 in (1.5 m)		9 ft 10 in (3 m)		14 ft 9 in (4.5 m)		19 ft 8 in (6 m)		24 ft 7 in (7.5 m)		Capacity at Max Reach		
Load Point Height	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)
24.7 ft (7.5 m)											6550 (2970)*	6550 (2970)*	12-6 (3820)
19.8 ft (6.0 m)					6415 (2910)*	6415 (2910)*					5270 (2390)*	5270 (2390)*	18-2 (5535)
14.9 ft (4.5 m)					6965 (3160)*	6965 (3160)*	6880 (3120)*	5380 (2440)			4870 (2210)*	4720 (2140)	21-3 (6481)
9.10 ft (3.0 m)			1195 (5410)*	11,925 (5410)*	8640 (3920)*	8070 (3660)	7450 (3380)*	5225 (2370)			4830 (2190)*	4100 (1860)	22-11 (6983)
4.11 ft (1.5 m)			16,515 (7490)*	13,560 (6150)	10,690 (4850)*	7540 (3420)	7410 (3360)	5025 (2280)			5070 (2300)*	3880 (1760)	23-5 (7136)
0 m			15,100 (6850)*	12,965 (5880)	10,935 (4960)	7185 (3260)	7210 (3270)	4850 (2200)			5620 (2550)*	3945 (1790)	22-10 (6966)
– 4.11 ft (– 1.5 m)	11,290 (5120)*	11,290 (5120)*	18,675 (8470)*	12,895 (5850)	10,780 (4890)	7055 (3200)	7145 (3240)	4785 (2170)			6505 (2950)	4365 (1980)	21-2 (6445)
– 9.10 ft (– 3.0 m)	20,480 (9290)*	20,480 (9290)*	16,425 (7450)*	13,115 (5950)	10,890 (4940)	7145 (3240)					8245 (3740)	5510 (2500)	17-11 (5472)

LIFT CAPACITIES – Dipper Length: 9 ft 10 in (2.10 m), 15 ft 5 in (4.70 m) Monoboom, Trackshoes: 24 in (600 mm), No Bucket. JZ140 + BLADE (IF FITTED)

Reach	4 ft 11 in (1.5 m)		9 ft 10 in (3 m)		14 ft 9 in (4.5 m)		19 ft 8 in (6 m)		24 ft 7 in (7.5 m)		Capacity at Max Reach		
Load Point Height	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)
24.7 ft (7.5 m)					6325 (2870)*	6325 (2870)*					5690 (2580)*	5690 (2580)*	15-2 (4626)
19.8 ft (6.0 m)					5335 (2420)*	5335 (2420)*	5580 (2530)*	5445 (2470)			4805 (2180)*	4805 (2180)*	20-1 (6115)
14.9 ft (4.5 m)					5975 (2710)*	5975 (2710)*	6105 (2770)*	5445 (2470)			4520 (2050)*	4190 (1900)	22-11 (6981)
9.10 ft (3.0 m)			9855 (4470)*	9855 (4470)*	7695 (3490)*	7695 (3490)*	6810 (3090)*	5245 (2380)			4495 (2040)*	3680 (1670)	24-5 (7449)
4.11 ft (1.5 m)			15,430 (7000)*	13,825 (6270)	9875 (4480)*	7585 (3440)	7385 (3350)	5005 (2270)	5290 (2400)	3570 (1620)	4720 (2140)*	3485 (1580)	24-11 (7593)
0 m			16,580 (7520)*	12,895 (5850)	10,915 (4950)	7145 (3240)	7165 (3250)	4785 (2170)			5180 (2350)*	3525 (1600)	24-5 (7433)
– 4.11 ft (– 1.5 m)	10,120 (4590)*	10,120 (4590)*	18,870 (8560)*	12,675 (5750)	10,670 (4840)	6925 (3140)	7035 (3190)	4675 (2120)			5755 (2610)	3835 (1740)	22-10 (6948)
– 9.10 ft (– 3.0 m)	17,395 (7890)*	17,395 (7890)*	17,350 (7870)*	12,785 (5800)	10,690 (4850)	6945 (3150)	7100 (3220)	4740 (2150)			7010 (3180)	4675 (2120)	19-10 (6058)
– 14.9 ft (– 4.5 m)			13,205 (5990)*	13,205 (5990)*	8225 (3730)*	7295 (3310)					8135 (3690)*	7230 (3280)	14-10 (4524)

Lift Capacity Front and Rear

Lift Capacity Full Circle

Notes:

1. For lifting capacity including bucket, subtract total weight of bucket or bucket and quickhitch from above values.
2. 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.
3. Lift capacities assume that the machine is on firm, level ground.
4. Lift capacities may be limited by local regulations. Please refer to your dealer.

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.

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