



TRACKED EXCAVATOR | JS145 LC/HD

Engine power: 109hp (81kW) Bucket capacity: 12 – 30ft³ (0.34 – 0.85m³) Operating weight: 31991 – 35459lb (14511 – 16084kg)



STRENGTH INSIDE AND OUT.

BEFORE YOU BUY AN EXCAVATOR, YOU NEED TO KNOW IT'S GOING TO BE TOUGH ENOUGH TO PERFORM ANY JOB YOU ASK OF IT. FORTUNATELY, WITH A JCB JSI45, STRENGTH AND DURABILITY COME STANDARD.



1

Boom and dipper.

- 1 A JCB JSI45's reinforced boom and dipper is made of high tensile strength steel, with single piece wrapper plates and internal baffle plates for long life durability.
- 2 Our advanced manufacturing and assembly processes produce high precision and quality assembled components.



2

Componentry.

- 3 Our engine technology is tried and proven; we've built 200,000 DIESELMAX units since 2004. To ensure similar longevity, the JSI45's EcoMAX engines have been tested for 110,000 hours in 70 different machines across the toughest applications and environments.
- 4 JCB JSI45s boast the best components in the industry, including Berco running gear, Kawasaki pumps, Kayaba valve blocks and JCB EcoMAX engines.

We use Finite Element Analysis with extensive rig and endurance testing to make key components last longer.



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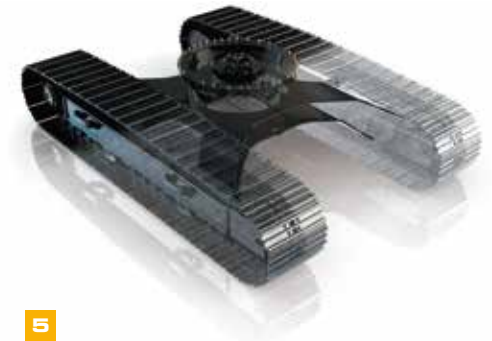
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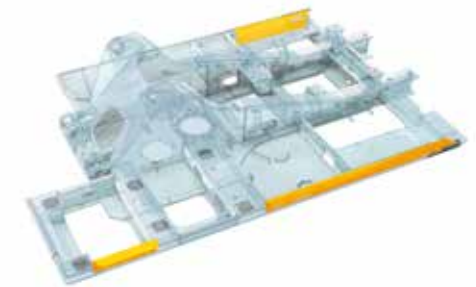
The JCB JS145 turret is welded to both the upper and lower undercarriage frame.

Structural strength.

- 5 The high-strength undercarriage of a JCB JS145 uses a fully-welded X frame construction for long-term durability even in the most demanding applications.
- 6 A closed box section revolving frame increases strength and reduces stress. It's also highly resistant to impact damage.
- 7 The JS145 high-strength rigid upper frame provides maximum durability and support.
- 8 Our stiff, durable door design gives great strength and rigidity.



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MAXIMUM PRODUCTIVITY, MINIMUM SPEND.

SAVING MONEY AND TIME IS MORE IMPORTANT THAN EVER, SO WE'VE MADE SURE THE NEW JCB JSI45'S COMPONENTRY – INCLUDING THE ECOMAX T4F ENGINE – WORKS IN PERFECT HARMONY. IN TURN, YOU GET A MACHINE THAT'S AS EFFICIENT AND PRODUCTIVE AS POSSIBLE.

Versed in versatility.

1 JCB's quickhitch system makes attachment changing fast and easy, and is purpose-designed for the JS range. JCB offers a full list of auxiliary pipework options including hammer, auxiliary, and low flow. For ultra versatility these auxiliary options are available with proportional controls.

2 An optional dozer blade increases versatility for grading. Choose the optional rubber street pads and you can use the JSI45 on sensitive grounds like tarmac without causing damage.

3 The JSI45's relatively low operating weight means it can be towed on a truck*, making it portable for plant hire and inner city/urban applications.

4 For waterway maintenance and deep extraction, or any application where reach is paramount, the JSI45 is available with a long reach boom and arm. See our long reach brochure for further details.

* Territory dependant



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The JSI45 is a hugely versatile machine, made all the more so by a big range of attachments, enabling you to carry out a wide range of tasks.



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Upping output.

- 5 Simultaneous tracking and excavating is smooth and fast with an intuitive multifunction operation.
- 6 A JCB JS145 has a solid, stable work platform for fast cycle times.
- 7 With a massive 20,682 lbf bucket tearout and fast cycle times, the JS145 is extremely productive in all applications.
- 8 JCB's innovative hydraulic regeneration system means oil is recycled across the cylinders for faster cycle times and reduced fuel consumption.

The efficient excavator.

- 9 JCB's new EcoMAX T4 Final engine is more fuel efficient than our Tier 4i units, saving you money. This is partly due to the fact that EcoMAX produces high torque at just 1500 - 1600 rpm, making for improved fuel-efficient matching of the hydraulics.
- 10 To reduce noise pollution from unnecessary air flow, the JS145's engine-driven cooling fan has a proportional control system, maintaining optimum fan speed.
- 11 Variable power bands allow you to tailor performance – and therefore economy – to specific tasks.



To save fuel, JCB Auto-Idle technology automatically reduces engine speed when hydraulics aren't in use. To optimize fuel efficiency still further, the JS145 benefits from advanced hydraulic technology, including optimized hydraulic pump settings, advanced spool design, and cutting edge electronic management software.

A JCB JS145 has cushioned boom and dipper ends to prevent shock loadings, protect your machine and increase operator comfort.



A COMFORTABLE FAVORITE.

JCB EXCAVATORS ARE DESIGNED AROUND THE OPERATOR. THAT'S GOOD FOR THEM BUT EVEN BETTER FOR YOU; AFTER ALL, GREAT COMFORT AND EASE OF USE EQUALS GREAT PRODUCTIVITY.

Visibly better.

1 A 70/30 front screen split gives JCB JS145s excellent front visibility. A clear view of the front right track provides easy, safe trench digging and maneuvering.

2 An innovative low-level hood provides excellent rearward visibility.

Comfortably in control.

3 The 7" color multi-function display is easy to read in all light conditions, provides instant operational information, and has a customizable home screen.

The optional rear view camera can be viewed on this display, for greater on-site safety and visibility.

Light, intuitive and smooth controls improve comfort and productivity. The JS145's joystick-mounted power boost button gives extra hydraulic power fast.

A large laminated glass roof window gives the JS145 optimum visibility for working at height.

A balanced slew and electronic/hydraulic controlled slew braking give speed and precision.





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The working environment.

4 The JS145 creates a quieter working environment inside and out. Because we've reduced noise levels to 72dB(A) inside and 99dB(A) outside, you can use the machine at any location, any time.

JCB cabs use 6 viscous rubber mounts to minimize noise and vibration.

The positive pressure cab keeps out dirt and dust.



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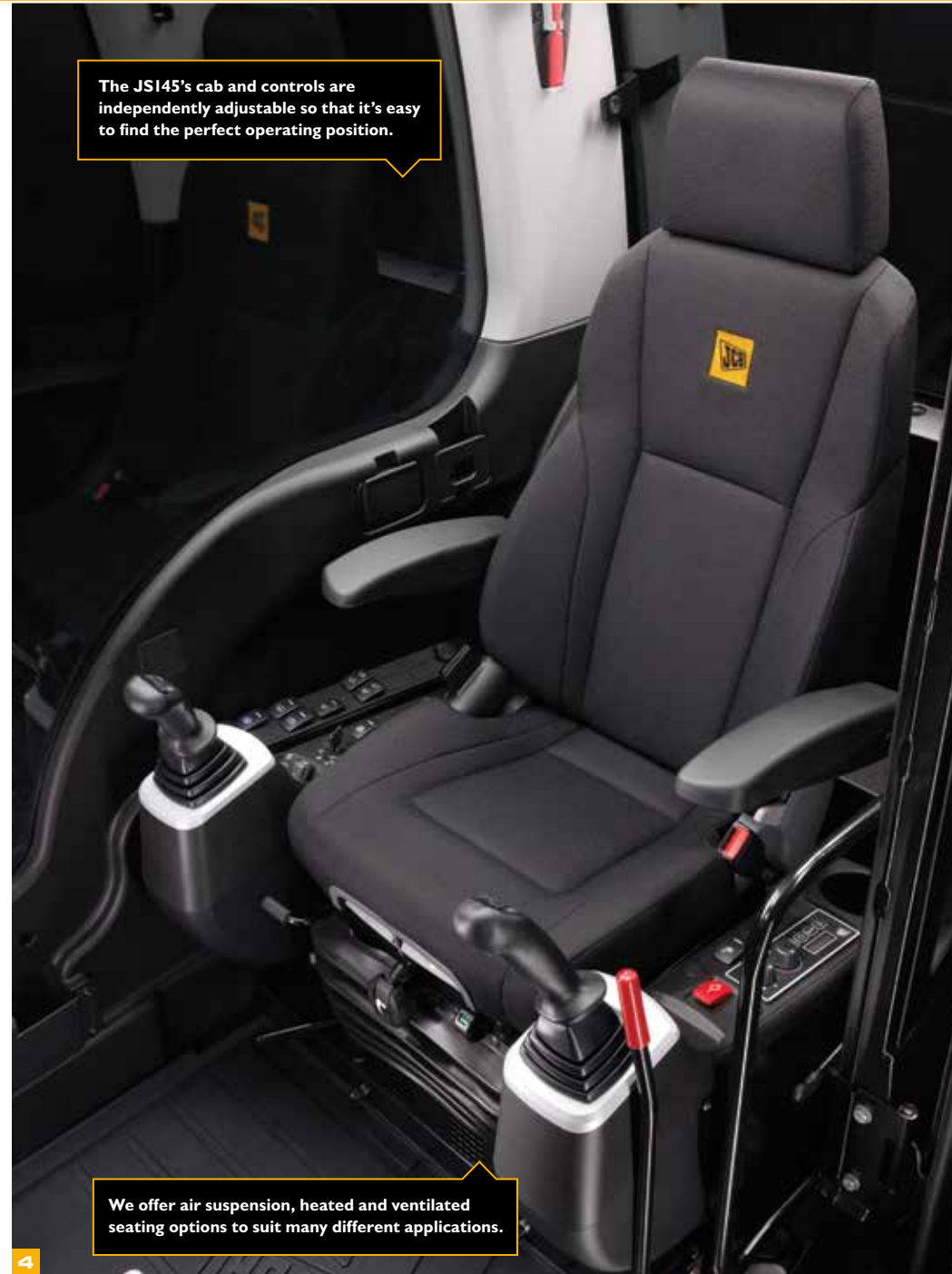
5 JCB's climate control option offers a precisely controlled cab temperature with fresh or recirculated air. Demisting/defrosting functions keep a JS145's front window clear.

6 There's a spacious luggage tray behind the operator's seat.

7 A large floor area with large high grip pedals gives easy and precise tracking.



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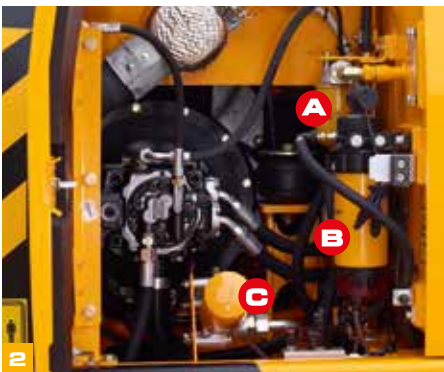
The JS145's cab and controls are independently adjustable so that it's easy to find the perfect operating position.

We offer air suspension, heated and ventilated seating options to suit many different applications.

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LESS SERVICING, MORE SERVICE.

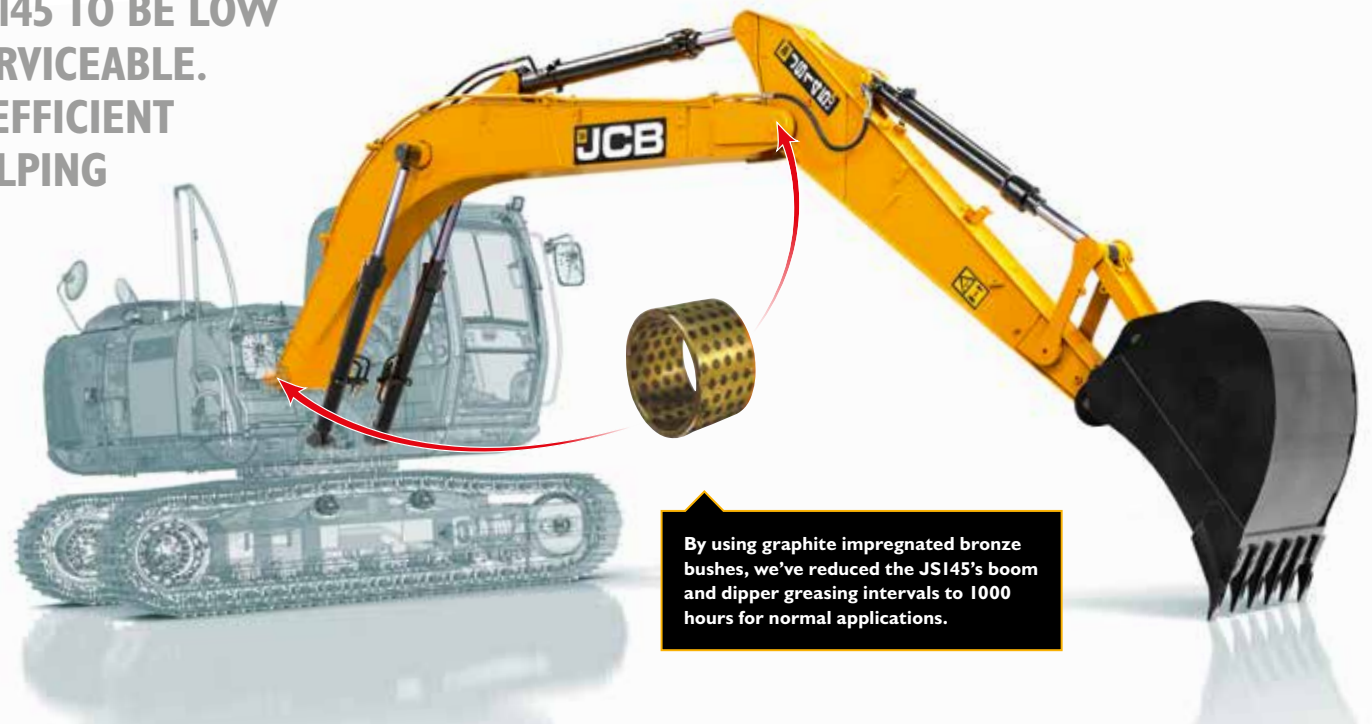
WE'VE DESIGNED THE JCB JS145 TO BE LOW MAINTENANCE AND EASILY SERVICEABLE. THIS MAKES IT AFFORDABLE, EFFICIENT AND HIGHLY PRODUCTIVE, HELPING YOU GET THE BEST SERVICE FROM YOUR MACHINE.



(A) Hydraulics oil filters (B) Fuel filters (C) Engine oil filter

Easy does it.

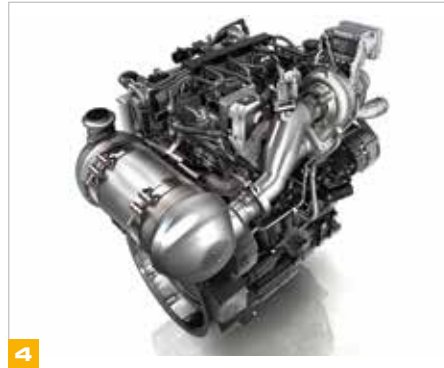
- 1 The air filter on a JS145 is easily accessible, and a double-element construction simplifies cleaning.
- 2 The filters on a JS145 (engine oil, hydraulic oil and fuel) are centrally located for fast, easy servicing.
- 3 Because they're mounted side by side on a JCB JS145, the engine radiator, hydraulic cooler and intercooler can be serviced individually and cleaned easily.



By using graphite impregnated bronze bushes, we've reduced the JS145's boom and dipper greasing intervals to 1000 hours for normal applications.

	SERVICE INTERVALS
Engine oil and oil filter	Every 500 hours
Hydraulic oil	Every 5000 hours
Hydraulic oil filter	Every 1000 hours





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Here to help.

4 The JCB EcoMax T4F engine does not require the use of a DPF and so removes the cost of any expensive servicing or repairs to the units.

5 We've eliminated the need for a visibowl style pre-cleaner on the JS145 with our new optional scavenger filtration system. This uses suction from the cooling fan to remove heavier particles from the induction system.

6 Our innovative recalibration option allows EcoMAX to run on lower grade fuels. This means the JS145 can be resold across different territories, which improves residuals.

7 JCB's In-Cab Monitor checks engine oil levels, coolant, and system errors on start-up.

8 JCB meets the latest EPA Tier 4 Final emissions legislation without the use of a DPF (Diesel Particulate Filter). The Diesel Exhaust Fluid (DEF) tank can be easily accessed via the new revised step layout on the upper structure.



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JCB JS145 hoods open and close easily with gas-assisted cylinders, and the service bays are large and wide for good access.

JCB JS145 grease points are centralized for safe and easy access to high level pivots.



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THE SAFE CHOICE.

ON-SITE SAFETY IS CRUCIAL, SO WE'VE DESIGNED THE JCB JSI45 TO INCORPORATE AS MANY CUTTING EDGE SAFEGUARDS AS POSSIBLE. IN SHORT, YOUR OPERATORS ARE IN SAFE HANDS.

We've fitted as standard a bulk head heat shield between the pumps and the engine to guard against heat and noise.



1 The JSI45 hood opens front-to-rear for easy and safe engine service access.



2 For extra peace of mind, JCB cabs are available with an integral Rollover Protection Structure (ROPS). It's also easy to fit JCB's Falling Object Guard Structure (FOGS), thanks to standard fitment mounting brackets.

3 JCB JSI45 has a large glass area and low hood line for superb visibility.

4 A JCB JSI45's steps and platforms have anti-slip punched steel plates for optimum grip, even in wet or icy conditions. Bolt-on plates have recessed bolts to reduce trip hazards.

5 Our optional rear and side view cameras display uninterrupted rearwards and sideways views on the smart controller display.



- 6 Your JS145 is equipped with a full set of side and rear view mirrors for all round visibility and safety compliance.
- 7 JCB's Safety Level Lock fully isolates hydraulic functions to avoid unintended movements. Our 2GO system means a JCB JS145 can only be started in a safe locked position via two separate inputs.
- 8 There's no need to climb onto the JS145 to check oil levels; all routine servicing can be done from ground level.
- 9 Optional safety rails protect operators from falls when they're on the upper structure of the JS145.
- 10 The JS145's optional beacon can improve on-site safety still further.
- 11 Choose LED work lights for an even better field of vision on the JS145.



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LIVELINK, WORK SMARTER.

LIVELINK IS AN INNOVATIVE SOFTWARE SYSTEM THAT LETS YOU MANAGE JCB MACHINES REMOTELY – ONLINE, BY EMAIL OR BY MOBILE PHONE. ACCESS EVERYTHING FROM MACHINE ALERTS TO FUEL REPORTS AND HISTORY INFORMATION, WITH ALL DATA STORED AT A SECURE CENTER.

Maintenance benefits.

Manage machine maintenance easily – accurate hours monitoring and service alerts improve maintenance planning, while real-time location data helps you manage your fleet. Critical machine alerts and maintenance history records are also available.



Productivity and cost benefits.

By providing information like idle time monitoring and machine fuel consumption, JCB Livelink helps reduce your fuel usage, saving money and improving productivity. Machine location information can help improve efficiency and perhaps even reduce insurance costs.



Security benefits.

Livelink's real-time geofencing alerts tell you when machines move out of predetermined zones, and real-time curfew alerts inform you of unauthorized usage. Further benefits include real-time location information, advanced ECU matching (pairs Livelink with the immobilizer or ECU).



VALUE ADDED.

JCB'S WORLDWIDE CUSTOMER SUPPORT IS FIRST CLASS. WHATEVER YOU NEED AND WHEREVER YOU ARE, WE'LL BE AVAILABLE QUICKLY AND EFFICIENTLY TO HELP MAKE SURE YOUR MACHINERY IS PERFORMING TO ITS FULL POTENTIAL.



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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% 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.

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

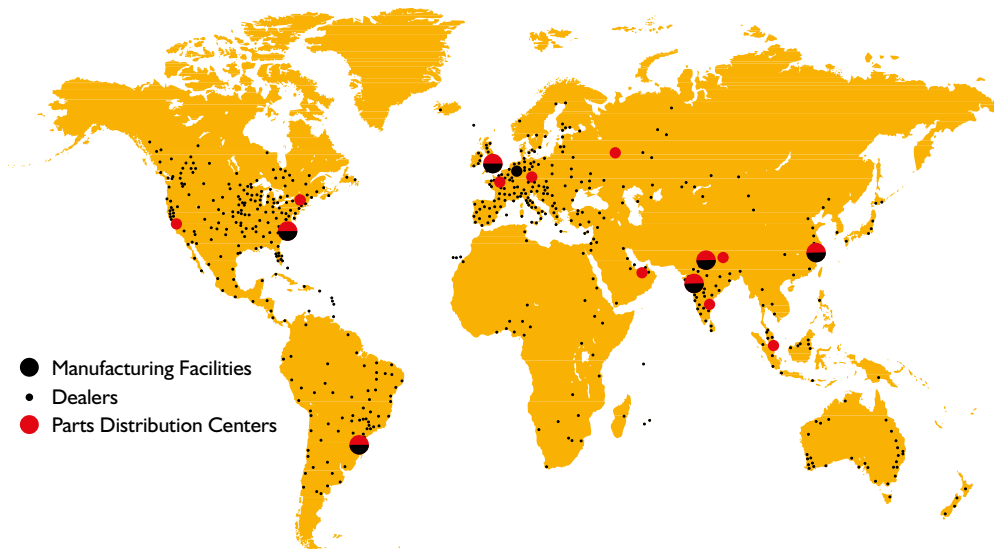


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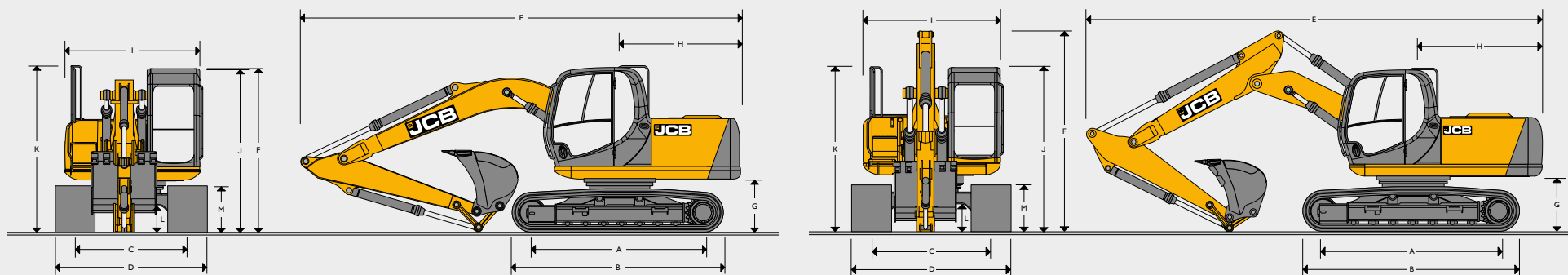
3 JCB Assetcare offers comprehensive extended warranties and service agreements, as well as service-only or repair and maintenance contracts. Irrespective of what you opt for, our maintenance teams around the world charge competitive labor rates, and offer non-obligation quotations as well as fast, efficient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



3



STATIC DIMENSIONS



STATIC DIMENSIONS

Dimensions in ft-in (mm)	LC								HD							
A Track length on ground	9-5 (2865)								10-2 (3090)							
B Undercarriage overall length	11-9 (3590)								12-11 (3940)							
C Track Gauge	6-6 (1990)								7-3 (2200)							
D Width over tracks (20" trackshoes)	8-2 (2490)								9-2 (2800)							
D Width over tracks (24" trackshoes)	8-6 (2590)								9-6 (2900)							
D Width over tracks (28" trackshoes)	8-10 (2690)								9-10 (3000)							
D Width over tracks (32" trackshoes)	-								10-2 (3100)							
D Width over tracks (34" trackshoes)	9-4 (2840)								-							
D Width over tracks (36" trackshoes)	-								10-6 (3200)							
Boom options	Monoboom 15'5"				T.A.B. 16'5"				Monoboom 15'5"				T.A.B. 16'5"			
Arm lengths	6-11 (2.1m)	8-2 (2.5m)	8-10 (2.7m)	9-10 (3.0m)	6-11 (2.1m)	8-2 (2.5m)	8-10 (2.7m)	9-10 (3.0m)	6-11 (2.1m)	8-2 (2.5m)	8-10 (2.7m)	9-10 (3.0m)	6-11 (2.1m)	8-2 (2.5m)	8-10 (2.7m)	9-10 (3.0m)
E Transport length	24-8 (7515)	24-6 (7478)	24-4 (7420)	23-11 (7300)	26-8 (8120)	26-6 (8086)	26-4 (8032)	26-0 (7933)	24-8 (7515)	24-6 (7478)	24-4 (7420)	23-11 (7300)	26-8 (8120)	26-6 (8086)	26-4 (8032)	26-0 (7933)
F Transport height	9-10 (3002)	9-10 (3002)	10-6 (3209)	11-2 (3396)	9-10 (3002)	9-10 (3002)	9-6 (2908)	10-7 (3236)	10-4 (3149)	10-4 (3149)	11-0 (3356)	11-7 (3543)	10-4 (3149)	10-4 (3149)	9-6 (2908)	10-7 (3236)
G Counterweight clearance*	3-0 (905)								3-5 (1050)							
H Tail swing radius	7-0 (2135)								7-0 (2135)							
I Width of superstructure	7-11 (2410)								7-11 (2410)							
J Height over cab*	9-4 (2845)								9-6 (2895)							
K Height over grab rail*	9-10 (3002)								10-4 (3149)							
L Ground clearance*	1-5 (425)								1-7 (470)							
M Track height	2-8 (811)								2-11 (880)							

*Height with upperstructure safety rails: 2967mm.

ENGINE

Model	JCB EcoMAX 444 TCA EU Stage IV EPA Tier 4F compliant
Type	4-stroke, 4-cylinder in-line, common rail, direct injection, turbocharged and intercooled diesel
Rated power (net)	109 hp (81 kW) at 2200rpm
Piston Displacement	4.4 litres
Air Filtration	Dry element with secondary safety element and in cab warning indicator
Starting system	24 volt
Batteries	2 x 12 volt
Alternator	24 volt 55 ampere

SLEW SYSTEM

Slew motor	Axial piston type
Slew brake	Hydraulic braking plus automatic spring applied disc type parking brake.
Slew torque	36.0 kNm
Slew speed	LC: 13.3 rpm HD: 13.6 rpm.
Slew gear	Large diameter, internally toothed fully sealed grease bath lubricated.

UNDERCARRIAGE

Carriage options	LC - Long Carriage, HD - Heavy Duty 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.					
Track shoes	20in (500mm)	24in (600mm)	28in (700mm)	31in (800mm)	33in (850mm)	35in (900mm)
JSI45 LC	● X □	□	●		●	
JSI45 HD		●	●	●		●
Upper & lower rollers	Heat treated, sealed and lubricated.					
Track adjustment	Grease cylinder type.					
Track idler	Sealed and lubricated, with spring cushioned recoil.					
Track type	Sealed and lubricated.					
Rollers and shoes (each side)	LC			HD		
No. of track guides (optional)	1 (2)			1 (2)		
No. of lower rollers	7			7		
No. of upper rollers	2			2		
No. of track shoes	44			43		

● = Triple grouser, X = Geogrip, □ = Rubber shoes.

TRACK DRIVE

Type	Fully hydrostatic, three 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	LC	HD
	High	3.5 mp/h (5.6 km/h)
	Low	2.1 mp/h (3.3 km/h)
Tractive effort	101.9 kNm	

SERVICE CAPACITIES

	Gallons (Liters)
Fuel tank	58 (220)
Engine coolant	5.2 (19.7)
Engine oil	3.7 (14.0)
Swing reduction gear	0.6 (2.2)
Track reduction gear (each side)	0.9 (3.5)
Hydraulic system	33.3 (126)
Hydraulic tank	19.3 (73)
DEF fluid capacity	14.3 (54)

HYDRAULIC SYSTEM

Pumps	
Main pumps	2 variable displacement axial piston type.
Maximum flow	2 x 32.8 g/min (2 x 1.24 l/min).
Servo pump	Gear type.
Maximum flow	5.3 g/min (20 l/min).
Control valve	
A combined four and five spool control valve with auxiliary service spool as standard	
Relief valve settings	
Boom/Arm/Bucket	4554 psi (314 bar).
With power boost	4975 psi (343 bar).
Swing circuit	4047 psi (279 bar).
Travel circuit	4975 psi (343 bar).
Pilot control	580 psi (40 bar).
Filtration	
In tank	150 micron, suction strainer.
Main return line	10 micron, glass fibre element.
Pilot line	10 micron, paper element.
Hydraulic hammer return	10 micron, reinforced microform element.

WEIGHTS AND GROUND BEARING PRESSURES

	20in (500mm) shoes	24in (600mm) shoes	28in (700mm) shoes	31in (800mm) shoes	33in (850mm) shoes	35in (900mm) shoes
LC Monoboom - Machine equipped with 15'5" Monoboom, 8'2" Dipper, 1014lb Excavating bucket, operator and full fuel tank.						
Machine weight	lb (kg)	31991 (14511)	32227 (14618)	32465 (14726)	- (14888)	-
Ground bearing pressure	lb/in ² (kg/cm ²)	6.7 (0.47)	5.5 (0.39)	7.7 (0.54)	- 4.0 (0.28)	-
LC T.A.B. - Machine equipped with 16'5" T.A.B., 8'2" Dipper, 1014lb Excavating bucket, operator and full fuel tank.						
Machine weight	lb (kg)	33058 (14995)	33294 (15102)	33532 (15210)	- (15372)	-
Ground bearing pressure	lb/in ² (kg/cm ²)	6.8 (0.48)	5.7 (0.40)	5.0 (0.35)	- 4.1 (0.29)	-
HD Monoboom - Machine equipped with 15'5" Monoboom, 8'2" Dipper, 1014lb Excavating bucket, operator and full fuel tank.						
Machine weight	lb (kg)	-	33678 (15276)	33916 (15384)	34154 (15492)	34392 (15600)
Ground bearing pressure	lb/in ² (kg/cm ²)	-	5.8 (0.41)	5.5 (0.35)	4.4 (0.31)	- 4.0 (0.28)
HD T.A.B. - Machine equipped with 16'5" T.A.B., 8'2" Dipper, 1014lb Excavating bucket, operator and full fuel tank.						
Machine weight	lb (kg)	-	33678 (15276)	33881 (15368)	35221 (15976)	- (16084)
Ground bearing pressure	lb/in ² (kg/cm ²)	-	6.0 (0.42)	5.1 (0.36)	4.6 (0.32)	- 4.1 (0.29)

BUCKET AND ARM COMBINATION - MONOBOOM

Bucket options	ft-in (mm)	GP Bucket						Grade Bucket		
		2-0 (600)	2-4 (700)	2-7 (800)	3-3 (1000)	3-11 (1200)	4-3 (1300)	5-0 (1524)	6-0 (1836)	6-0 (1836)
Bucket width										
Bucket capacity	ft ³ (m ³)	12.4 (0.35)	14.8 (0.42)	17.7 (0.50)	23.3 (0.66)	28.6 (0.81)	31.4 (0.89)	23.0 (0.65)	27.9 (0.79)	27.9 (0.79)
Bucket weight	lb (kg)	631 (286)	688 (312)	739 (335)	844 (383)	944 (428)	1001 (454)	996 (452)	1129 (512)	1281 (581)

JSI45 LC Monoboom

6-11 (2.10m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	■ (■)	■ (■)	☐ (☐)	■ (■)	■ (■)
8-2 (2.50m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	■ (■)	● (●)	☐ (☐)	■ (■)	● (●)	● (●)
8-10 (2.70m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	■ (■)	● (●)	■ (■)	● (●)	● (●)	● (●)
9-10 (3.00m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (■)	● (■)	● (●)	■ (■)	● (●)	● (●)	● (●)

JSI45 HD Monoboom

6-11 (2.10m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)
8-2 (2.50m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	■ (■)	■ (■)	☐ (☐)	■ (■)	■ (■)	■ (■)
8-10 (2.70m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	■ (■)	☐ (☐)	■ (■)	■ (■)	■ (■)
9-10 (3.00m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	■ (■)	● (■)	☐ (☐)	■ (■)	● (■)	● (■)

- ☐ = Material weight up to 112.4 lb/ft³ (1800kg/m³).
- = Material weight up to 93.6 lb/ft³ (1500kg/m³).
- = Material weight up to 74.9 lb/ft³ (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.

BUCKET AND ARM COMBINATION - T.A.B.

Bucket options	ft-in (mm)	GP Bucket						Grade Bucket		
		2-0 (600)	2-4 (700)	2-7 (800)	3-3 (1000)	3-11 (1200)	4-3 (1300)	5-0 (1524)	6-0 (1836)	6-0 (1836)
Bucket width										
Bucket capacity	ft ³ (m ³)	12.4 (0.35)	14.8 (0.42)	17.7 (0.50)	23.3 (0.66)	28.6 (0.81)	31.4 (0.89)	23.0 (0.65)	27.9 (0.79)	27.9 (0.79)
Bucket weight	lb (kg)	631 (286)	688 (312)	739 (335)	844 (383)	944 (428)	1001 (454)	996 (452)	1129 (512)	1281 (581)

JSI45 LC T.A.B.

6-11 (2.10m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	■ (■)	● (■)	■ (■)	● (■)	● (■)	● (■)
8-2 (2.50m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	■ (■)	● (■)	● (●)	■ (■)	● (■)	● (●)	● (●)
8-10 (2.70m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	■ (■)	● (■)	✕ (●)	■ (■)	● (●)	✕ (●)	● (●)
9-10 (3.00m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	● (■)	● (●)	✕ (●)	● (■)	✕ (●)	✕ (●)	● (●)

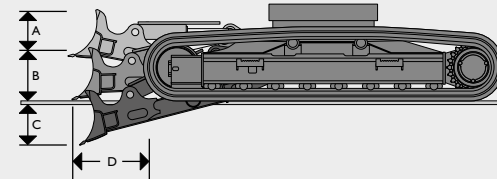
JSI45 HD T.A.B.

6-11 (2.10m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	■ (■)	☐ (☐)	☐ (☐)	☐ (☐)	■ (■)
8-2 (2.50m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	■ (■)	■ (■)	☐ (☐)	■ (■)	■ (■)	■ (■)
8-10 (2.70m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	■ (■)	● (■)	☐ (☐)	■ (■)	● (■)	● (■)
9-10 (3.00m) Quickhitch (No Quickhitch)	☐ (☐)	☐ (☐)	☐ (☐)	☐ (☐)	● (■)	● (■)	■ (■)	● (■)	● (■)	● (■)

- ☐ = Material weight up to 112.4 lb/ft³ (1800kg/m³).
- = Material weight up to 93.6 lb/ft³ (1500kg/m³).
- = Material weight up to 74.9 lb/ft³ (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.

OPTIONAL BLADE



A	Blade height	ft-in (mm)	1-7 (490)
B	Blade lift above ground	ft-in (mm)	1-5 (440)
C	Blade cut below ground	ft-in (mm)	1-8 (510)
D	Blade forward of track	ft-in (mm)	1-5 (440)
	Dozer width – 20" tracks	ft-in (mm)	8-3 (2510)
	Dozer width – 24" tracks	ft-in (mm)	8-7 (2610)
	Dozer width – 28" tracks	ft-in (mm)	8-11 (2710)

Additional machine weight with blade

	20" tracks	lb (kg)	1647 (747)
	24" tracks	lb (kg)	1660 (753)
	28" tracks	lb (kg)	1673 (759)

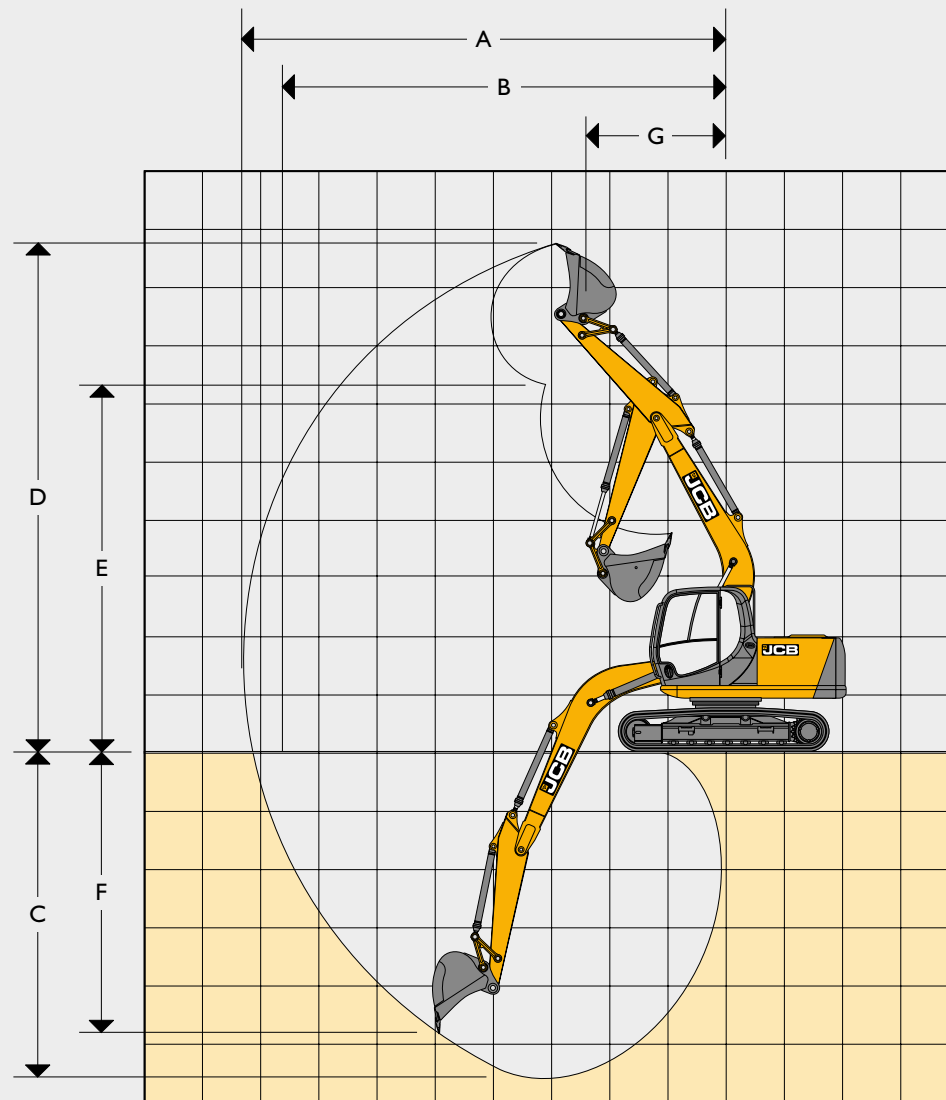
Dozer not available with 31" (800mm), 33" (850mm) and 35" (900mm) track plates.

WORKING RANGE - LC MONOBOOM 15'5" (4.7M)

	Dipper length	ft-in (m)	6-11 (2.1)	8-2 (2.5)	8-10 (2.7)	9-10 (3.0)
A	Maximum digging reach	ft-in (mm)	24-8 (7517)	27-4 (8340)	28-0 (8522)	28-10 (8796)
B	Maximum digging reach (on ground)	ft-in (mm)	24-2 (7356)	26-11 (8197)	27-6 (8380)	28-5 (8660)
C	Maximum digging depth	ft-in (mm)	15-9 (4809)	18-2 (5530)	17-10 (5425)	19-9 (6028)
D	Maximum digging height	ft-in (mm)	27-6 (8375)	29-11 (9118)	30-4 (9242)	31-0 (9440)
E	Maximum dumping height	ft-in (mm)	20-1 (6115)	22-1 (6729)	22-6 (6855)	23-1 (7041)
F	Maximum vertical wall cut depth	ft-in (mm)	10-7 (3219)	11-11 (3625)	14-7 (4444)	13-3 (4050)
G	Minimum swing radius	ft-in (mm)	7-8 (2337)	7-4 (2231)	8-3 (2505)	8-6 (2591)
	Bucket rotation	deg	182°	182°	182°	182°
	Maximum dipper tearout	lbf	16299	14523	14208	13196
	Maximum bucket tearout	lbf	20660	20660	20660	20660

WORKING RANGE - HD MONOBOOM 15'5" (4.7M)

	Dipper length	ft-in (m)	6-11 (2.1)	8-2 (2.5)	8-10 (2.7)	9-10 (3.0)
A	Maximum digging reach	ft-in (mm)	24-8 (7517)	27-4 (8340)	28-0 (8522)	28-10 (8796)
B	Maximum digging reach (on ground)	ft-in (mm)	24-2 (7356)	26-11 (8197)	27-6 (8380)	28-5 (8660)
C	Maximum digging depth	ft-in (mm)	15-3 (4662)	17-8 (5383)	17-4 (5278)	19-3 (5881)
D	Maximum digging height	ft-in (mm)	28-0 (8522)	30-5 (9265)	30-9 (9389)	31-4 (9587)
E	Maximum dumping height	ft-in (mm)	20-6 (6262)	22-7 (6876)	23-0 (7002)	23-7 (7188)
F	Maximum vertical wall cut depth	ft-in (mm)	10-0 (3072)	11-5 (3478)	14-1 (4297)	12-10 (3903)
G	Minimum swing radius	ft-in (mm)	7-8 (2337)	7-4 (2231)	8-3 (2505)	8-6 (2591)
	Bucket rotation	deg	182°	182°	182°	182°
	Maximum dipper tearout	lbf	16299	14523	14208	13196
	Maximum bucket tearout	lbf	20660	20660	20660	20660

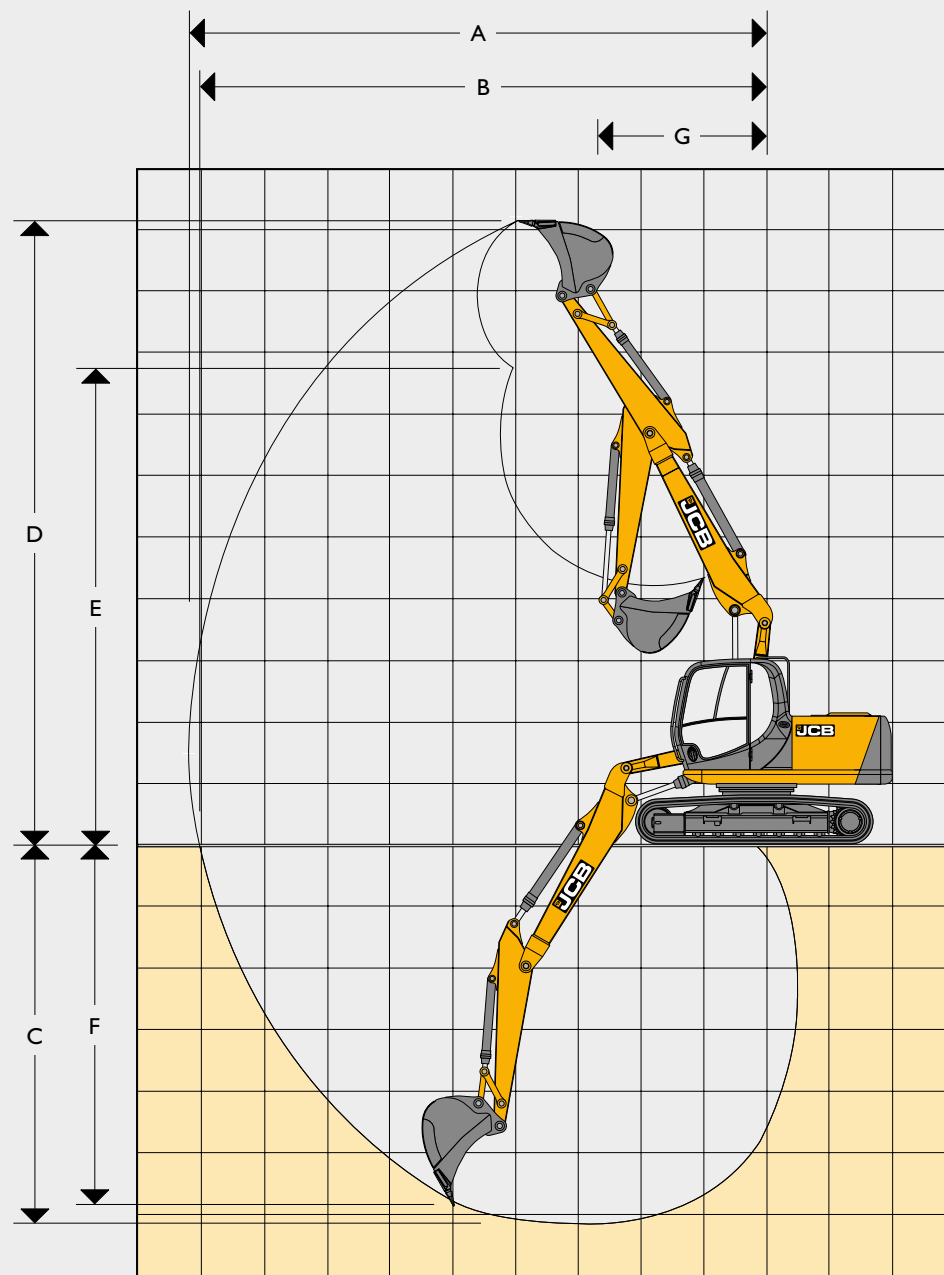


WORKING RANGE - LC T.A.B. 16'5" (5.0M)



Dipper length		ft-in (m)	6-11 (2.1)	8-2 (2.5)	8-10 (2.7)	9-10 (3.0)
A	Maximum digging reach	ft-in (mm)	27-1 (8266)	28-9 (8751)	29-0 (8840)	30-3 (9226)
B	Maximum digging reach (on ground)	ft-in (mm)	26-11 (8199)	28-3 (8614)	28-7 (8700)	29-10 (9096)
C	Maximum digging depth	ft-in (mm)	17-4 (5283)	19-0 (5786)	19-4 (5901)	20-7 (6281)
D	Maximum digging height	ft-in (mm)	30-3 (9228)	31-8 (9653)	31-9 (9690)	32-10 (10012)
E	Maximum dumping height	ft-in (mm)	23-0 (7005)	23-9 (7229)	24-6 (7468)	24-11 (7606)
F	Maximum vertical wall cut depth	ft-in (mm)	12-11 (3933)	13-7 (4140)	14-10 (4518)	15-0 (4580)
G	Minimum swing radius	ft-in (mm)	8-7 (2616)	9-0 (2746)	9-11 (3031)	10-4 (3162)
	Bucket rotation	deg	182°	182°	182°	182°
	Maximum dipper tearout	lbf	16299	14523	14208	13196
	Maximum bucket tearout	lbf	20660	20660	20660	20660

WORKING RANGE - HD T.A.B. 16'5" (5.0M)









Dipper length		ft-in (m)	6-11 (2.1)	8-2 (2.5)	8-10 (2.7)	9-10 (3.0)
A	Maximum digging reach	ft-in (mm)	27-1 (8266)	28-9 (8751)	29-0 (8840)	30-3 (9226)
B	Maximum digging reach (on ground)	ft-in (mm)	26-11 (8199)	28-3 (8614)	28-7 (8700)	29-10 (9096)
C	Maximum digging depth	ft-in (mm)	16-10 (5136)	18-6 (5639)	18-11 (5754)	20-1 (6134)
D	Maximum digging height	ft-in (mm)	30-9 (9375)	32-2 (9800)	32-3 (9837)	33-4 (10159)
E	Maximum dumping height	ft-in (mm)	23-5 (7152)	24-2 (7376)	25-0 (7615)	25-2 (7753)
F	Maximum vertical wall cut depth	ft-in (mm)	12-5 (3786)	13-1 (3993)	14-4 (4371)	14-7 (4433)
G	Minimum swing radius	ft-in (mm)	8-7 (2616)	9-0 (2746)	9-11 (3031)	10-4 (3162)
	Bucket rotation	deg	182°	182°	182°	182°
	Maximum dipper tearout	lbf	16299	14523	14208	13196
	Maximum bucket tearout	lbf	20660	20660	20660	20660



LIFT CAPACITIES – ARM LENGTH: 6'11" (2.1M), 15'5" (4.7M) MONOBOOM, TRACKSHOES: 20" 500MM, NO BUCKET. JSI45 LC MONO

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)
19-8 (6m)			7121* (3230*)	7121* (3230*)	7099* (3220*)	7099* (3220*)			6526* (2960*)	6526* (2960*)	16-5 (5044)
16-5 (5m)			7452* (3380*)	7452* (3380*)	7363* (3340*)	7363* (3340*)			6085* (2760*)	6085* (2760*)	19-0 (5792)
13-1 (4m)	9965* (4520*)	9965* (4520*)	8576* (3890*)	8576* (3890*)	7848* (3560*)	7848* (3560*)	7584* (3440*)	6019 (2730)	5908* (2680*)	5578 (2530)	20-6 (6293)
9-10 (3m)	13580* (6160*)	13580* (6160*)	10229* (4640*)	10229* (4640*)	8708* (3950*)	7738 (3510)	7915* (3590*)	5930 (2690)	5908* (2680*)	5115 (2320)	21-7 (6603)
6-7 (2m)			12015* (5450*)	10273 (4660)	9678* (4390*)	7518* (3410*)	8223 (3730)	5820 (2640)	6085* (2760*)	4894 (2220)	22-1 (6750)
3-3 (1m)			13382* (6070*)	9921 (4500)	10516* (4770*)	7297 (3310)	8091 (3670)	5688 (2580)	6393* (2900*)	4850 (2200)	22-1 (6745)
0-0 (0m)	13492* (6120*)	13492* (6120*)	14087* (6390*)	9722 (4410)	10384 (4710)	7165 (3250)	8003 (3630)	5622 (2550)	6944* (3150*)	4960 (2250)	21-6 (6587)
- 3-3 (- 1m)	18717* (8490*)	14903 (6760)	14131* (6410*)	9656 (4380)	10318 (4680)	7099 (3220)	7981 (3620)	5578 (2530)	7518 (3410)	5291 (2400)	20-6 (6264)
- 6-7 (- 2m)	17527* (7950*)	15013 (6810)	13492* (6120*)	9678 (4390)	10340 (4690)	7121 (3230)			8510 (3860)	5952 (2700)	19-8 (5749)
- 9-10 (- 3m)	15410* (6990*)	15212 (6900)	11927* (5410*)	9833 (4460)					8907* (4040*)	7319 (3320)	16-3 (4979)

LIFT CAPACITIES – ARM LENGTH: 8'2" (2.5M), 15'5" (4.7M) MONOBOOM, TRACKSHOES: 20" (500MM), NO BUCKET. JSI45 LC MONO

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)
19-8 (6m)			6173* (2800*)	6173* (2800*)	6636* (3010*)	6636* (3010*)			5225* (2370*)	5225* (2370*)	18-2 (5533)
16-5 (5m)			6570* (2980*)	6570* (2980*)	6658* (3020*)	6658* (3020*)	6856* (3110*)	6129 (2780)	4938* (2240*)	4938* (2240*)	20-4 (6221)
13-1 (4m)	8510* (3860*)	8510* (3860*)	7694* (3490*)	7694* (3490*)	7209* (3270*)	7209* (3270*)	6989* (3170*)	6085 (2760)	4828 (2190)	4828 (2190)	21-9 (6689)
9-10 (3m)	11905* (5400*)	11905* (5400*)	9370* (4250*)	9370* (4250*)	8113* (3680*)	7804 (3540)	7430 (3370)	5952 (2700)	4828* (2190*)	4718 (2140)	22-9 (6982)
6-7 (2m)	15719* (7130*)	15719* (7130*)	10384* (5100*)	10384 (4710)	9149 (4150)	7540 (3420)	8025* (3640*)	5820 (2640)	4960* (2250*)	4519 (2050)	23-4 (7121)
3-3 (1m)	14043* (6370*)	14043* (6370*)	9965* (5810*)	9965 (4520)	10053* (4560*)	7319 (3320)	8091 (3670)	5688 (2580)	5203 (2360)	4475 (2030)	23-3 (7116)
0-0 (0m)	15057* (6830*)	14859 (6740)	9722 (6260)	9722 (4410)	10384 (4710)	7143 (3240)	7981 (3620)	5578 (2530)	5600* (2540*)	4564 (2070)	22-9 (6967)
- 3-3 (- 1m)	19026* (8630*)	14793 (6710)	9590* (6400*)	9590 (4350)	10273 (4660)	7055 (3200)	5710 (2590)	5512 (2500)	6261* (2840*)	4828 (2190)	21-9 (6663)
- 6-7 (- 2m)	18166* (8240*)	14837 (6730)	9590* (6240*)	9590 (4350)	10251 (4650)	7033 (3190)	7937 (3600)	5534 (2510)	7363* (3340*)	5335 (2420)	20-3 (6181)
- 9-10 (- 3m)	16446* (7460*)	15013 (6810)	9678* (5370*)	9678 (4390)	9833* (4460*)	7121 (3230)			8488* (3850*)	6349 (2880)	18-0 (5474)

LIFT CAPACITIES – ARM LENGTH: 8'11" (2.7M), 15'5" (4.7M) MONOBOOM, TRACKSHOES: 20" (500MM), NO BUCKET. JSI45 LC MONO

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach			
												
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)	
19-8 (6m)					6261* (2840*)	6261* (2840*)			5578* (2530*)	5578* (2530*)	15-3 (4666)	
16-5 (5m)					5997* (2720*)	5997* (2720*)	6217* (2820*)	6217* (2820*)	6504* (2950*)	6151 (2790)	5269* (2390*)	20-8 (6326)
13-1 (4m)					6944* (3150*)	6944* (3150*)	6702* (3040*)	6702* (3040*)	6614* (3000*)	5997 (2720)	5137* (2330*)	22-3 (6785)
9-10 (3m)	10273* (4660*)	10273* (4660*)	8444* (3830*)	8444* (3830*)	7518* (3410*)	7414 (3390)	7033* (3190*)	5798 (2630)	5115* (2320*)	4586 (2080)	23-2 (7075)	
6-7 (2m)	13823* (6270*)	13823* (6270*)	10185* (4620*)	9612 (4360)	8488* (3850*)	7143 (3240)	7562* (3430*)	5600 (2540)	6415 (2910)	4541 (2060)	23-7 (7210)	
3-3 (1m)	16579* (7520*)	13757 (6240)	11751* (5330*)	9215 (4180)	9414* (4270*)	6878 (3120)	7716 (3500)	5445 (2470)	5489* (2490*)	4277 (1940)	23-6 (7205)	
0-0 (0m)	17835* (8090*)	13558 (6150)	12809* (5810*)	8973 (4070)	9700 (4400)	6702 (3040)	7584 (3440)	5313 (2410)	5842* (2650*)	4343 (1970)	23-2 (7060)	
- 3-3 (- 1m)	17923* (8130*)	13448 (6100)	13206 (5990)	8840 (4010)	9568 (4340)	6592 (2990)	7496 (3400)	5225 (2370)	6482 (2940)	4541 (2060)	22-2 (6759)	
- 6-7 (- 2m)	17196* (7800*)	13382 (6070)	13029* (5910*)	8796 (3990)	9546 (4330)	6548 (2970)	7518 (410)	5247 (2380)	7099 (3220)	4982 (2260)	20-6 (6287)	
- 9-10 (- 3m)	15675* (7110*)	13404 (6080)	12103* (5490*)	8862 (4020)	9612 (4360)	6636 (3010)			8267* (3750*)	5798 (2630)	18-3 (5592)	



Lift capacity front and rear.

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 capacity full circle.







LIFT CAPACITIES – ARM LENGTH: 9'10" (3.0M), 15'5" (4.7M) MONOBOOM, TRACKSHOES: 20" (500MM), NO BUCKET.

JSI45 LC MONO

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach			
												ft-in (mm)
Load Point Ht.	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)
19-8 (6m)					5600* (2540*)	5600* (2540*)	5556* (2520*)	5556* (2520*)	4806* (2180*)	4806* (2180*)	4806* (2180*)	20-1 (6113)
16-5 (5m)					5754* (2610*)	5754* (2610*)	5997* (2720*)	5997 (2720)	4564* (2070*)	4564* (2070*)	4564* (2070*)	22-1 (6741)
13-1 (4m)			6526* (2960*)	6526* (2960*)	6371* (2890*)	6371* (2890*)	6261* (2840*)	6129 (2780)	4475 (2030)	4475 (2030)	4475 (2030)	23-5 (7175)
9-10 (3m)	9833* (4460*)	9833* (4460*)	8179* (3710*)	8179* (3710*)	7297* (3310*)	7297 (3310)	6790 (3080)	5997 (2720)	4497* (2040*)	4255 (1930)	4255 (1930)	24-4 (7448)
6-7 (2m)	13691* (6210*)	13691* (6210*)	10141* (4600*)	10141* (4600*)	8422* (3820*)	7584 (3440)	7452* (3380*)	5820 (2640)	4608* (2090*)	4079 (1850)	4079 (1850)	24-9 (7578)
3-3 (1m)	16843* (7640*)	15300 (6940)	11927* (5410*)	10009 (4540)	9502* (4310*)	7319 (3320)	8069 (3660)	5666 (2570)	4828 (2190)	4034 (1830)	4034 (1830)	24-8 (7574)
0-0 (0m)	16557* (7510*)	14793 (6710)	13206* (5990*)	9678 (4390)	10340 (4690)	7099 (3220)	7915 (3590)	5512 (2500)	5181* (2350*)	4101 (1860)	4101 (1860)	24-4 (7434)
- 3-3 (- 1m)	18982* (8610*)	14594 (6620)	13845* (6280*)	9480 (4300)	10185 (4620)	6967 (3160)	7826 (3550)	5423 (2460)	5710* (2590*)	4299 (1950)	4299 (1950)	23-5 (7150)
- 6-7 (- 2m)	18585* (8430*)	14594 (6620)	13845* (6280*)	9414 (4270)	10119 (4590)	6900 (3130)	7804 (3540)	5401 (2450)	6592* (2990*)	4696 (2130)	4696 (2130)	22-0 (6704)
- 9-10 (- 3m)	17372* (7880*)	14705 (6670)	13161* (5970*)	9480 (4300)	10163* (4610*)	6922 (3140)	7870 (3570)	5467 (2480)	7760* (3520*)	5401 (2450)	5401 (2450)	19-9 (6060)








(LIFT CAPACITIES – ARM LENGTH: 6'11" (2.1M), 15'5" (4.7M) MONOBOOM, TRACKSHOES: 20" (500MM), NO BUCKET, DOZER.

JSI45 LC MONO

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach			
												ft-in (mm)
Load Point Ht.	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)
19-8 (6m)			7121* (3230*)	7121* (3230*)	7099* (3220*)	7099* (3220*)			6526* (2960*)	6526* (2960*)	6526* (2960*)	16-5 (5044)
16-5 (5m)			7452* (3380*)	7452* (3380*)	7363* (3340*)	7363* (3340*)			6085* (2760*)	6085* (2760*)	6085* (2760*)	19-0 (5792)
13-1 (4m)	9965* (4520*)	9965* (4520*)	8576* (3890*)	8576* (3890*)	7848* (3560*)	7848* (3560*)	7584* (3440*)	6261 (2840)	5908* (2680*)	5798 (2630)	5798 (2630)	20-6 (6293)
9-10 (3m)	13580* (6160*)	13580* (6160*)	10229* (4640*)	10229* (4640*)	8708* (3950*)	8047 (3650)	7915* (3590*)	6173 (2800)	5908* (2680*)	5335 (2420)	5335 (2420)	21-7 (6603)
6-7 (2m)			12015* (5450*)	10670 (4840)	9678* (4390*)	7826 (3550)	8422* (3820*)	6063 (2750)	6085* (2760*)	5115 (2320)	5115 (2320)	22-1 (6750)
3-3 (1m)			13382* (6070*)	10340 (4690)	10516* (4770*)	7606 (3450)	8598 (3900)	5930 (2690)	6393* (2900*)	5049 (2290)	5049 (2290)	22-1 (6745)
0-0 (0m)	13492* (6120*)	13492* (6120*)	14087* (6390*)	10141 (4600)	11023 (5000)	7474 (3390)	8510 (3860)	5864 (2660)	6944* (3150*)	5181 (2350)	5181 (2350)	21-6 (6587)
- 3-3 (- 1m)	18717* (8490*)	15542 (7050)	14131* (6410*)	10075 (4570)	10957 (4970)	7407 (3360)	8466 (3840)	5820 (2640)	7826* (3550*)	5534 (2510)	5534 (2510)	20-6 (6264)
- 6-7 (- 2m)	17527* (7950*)	15631 (7090)	13492* (6120*)	10097 (4580)	10670* (4840*)	7430 (3370)			8796* (3990*)	6217 (2820)	6217 (2820)	18-9 (5749)
- 9-10 (- 3m)	15410* (6990*)	15410* (6990*)	11927* (5410*)	10229 (4640)					8907* (4040*)	7628 (3460)	7628 (3460)	16-3 (4979)

LIFT CAPACITIES – ARM LENGTH: 8'2" (2.5M), 15'5" (4.7M) MONOBOOM, TRACKSHOES: 20" (500MM), NO BUCKET, DOZER.

JSI45 LC MONO

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach			
												ft-in (mm)
Load Point Ht.	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)
19-8 (6m)			6283* (2850*)	6283* (2850*)	6349* (2880*)	6349* (2880*)	6283* (2850*)	6283* (2850*)	5423* (2460*)	5423* (2460*)	5423* (2460*)	19-9 (6064)
16-5 (5m)			6834* (3100*)	6834* (3100*)	6570* (2980*)	6570* (2980*)	6459* (2930*)	6327 (2870)	5049* (2290*)	5049* (2290*)	5049* (2290*)	22-0 (6698)
13-1 (4m)	9458* (4290*)	9458* (4290*)	8003* (3630*)	8003* (3630*)	7187* (3260*)	7187* (3260*)	6724* (3050*)	6239 (2830)	4872* (2210*)	4696 (2130)	4696 (2130)	23-4 (7134)
9-10 (3m)			9612* (4360*)	9612* (4360*)	8069* (3660*)	7959 (3610)	7187* (3260*)	6085 (2760)	4806* (2180*)	4387 (1990)	4387 (1990)	24-3 (7409)
6-7 (2m)			11332* (5140*)	10472 (4750)	9039* (4100*)	7650 (3470)	7760* (3520*)	5908 (2680)	4850* (2200*)	4211 (1910)	4211 (1910)	24-7 (7540)
3-3 (1m)			12676* (5750*)	10031 (4550)	9899* (4490*)	7385 (3350)	8289* (3760*)	5754 (2610)	5004* (2270*)	4167 (1890)	4167 (1890)	24-7 (7535)
0-0 (0m)			13426* (6090*)	9766 (4430)	10472* (4750*)	7209 (3270)	8333 (3780)	6544 (2560)	5269* (2390*)	4255 (1930)	4255 (1930)	24-3 (7394)
- 3-3 (- 1m)	12787* (5800*)	12787* (5800*)	13580* (6160*)	9678 (4390)	10692* (4850*)	7121 (3230)	8267 (3750)	5578 (2530)	5710* (2590*)	4497 (2040)	4497 (2040)	23-3 (7109)
- 6-7 (- 2m)	17174* (7790*)	15079 (6840)	13184* (5980*)	9700 (4400)	10472* (4750*)	7099 (3220)	8289 (3760)	5578 (2530)	6393* (2900*)	4938 (2240)	4938 (2240)	21-9 (6660)



Lift capacity front and rear.

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 capacity full circle.

LIFT CAPACITIES – ARM LENGTH: 9'10" (3.0M), 15'5" (4.7M) MONOBOOM, TRACKSHOES: 20" (500MM), NO BUCKET, DOZER. JSI45 LC MONO

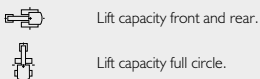
Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach			
												ft-in (mm)
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)
19-8 (6m)					6019* (2730*)	6019* (2730*)	6349* (2880*)	6349* (2880*)	5776* (2620*)	5776* (2620*)		20-4 (6218)
16-5 (5m)			6261* (2840*)	6261* (2840*)	6151* (2790*)	6151* (2790*)	6151* (2790*)	6151* (2790*)	5423* (2460*)	5137 (2330)		22-4 (6834)
13-1 (4m)	8201* (3720*)	8201* (3720*)	7231* (3280*)	7231* (3280*)	6680* (3030*)	6680* (3030*)	6371* (2890*)	6129 (2780)	5203* (2360*)	4586 (2080)		23-8 (7263)
9-10 (3m)			8686* (3940*)	8686* (3940*)	7474* (3390*)	7474* (3390*)	6790* (3080*)	5908 (2680)	5093* (2310*)	4255 (1930)		24-7 (7535)
6-7 (2m)			10295* (4670*)	9700 (4400)	8377* (3800*)	7231 (3280)	7319* (3320*)	5688 (2580)	5137* (2330*)	4056 (1840)		25-1 (7663)
3-3 (1m)			11662* (5290*)	9281 (4210)	9215* (4180*)	6944 (3150)	7826* (3550*)	5489 (2490)	5269* (2390*)	3990 (1810)		25-1 (7659)
0-0 (0m)			12522* (5680*)	9039 (4100)	9833* (4460*)	6746 (3060)	7915 (3590)	5357 (2430)	5512* (2500*)	4056 (1840)		24-7 (7521)
- 3-3 (- 1m)	14969* (6790*)	13735 (6230)	12787* (5800*)	8929 (4050)	9987 (4530)	6636 (3010)	7826 (3550)	5269 (2390)	5952* (2700*)	4233 (1920)		23-7 (7239)
- 6-7 (- 2m)	16402* (7440*)	13713 (6220)	12500* (5670*)	8929 (4050)	9965 (4520)	6614 (3000)	7826 (3550)	5269 (2390)	6636* (3010*)	4586 (2080)		22-3 (6798)
- 9-10 (- 3m)	14903* (6760*)	13735 (6230)	11618* (5270*)	8995 (4080)	9325* (4230*)	6702 (3040)	7385* (3350*)	5401 (2450)	6989* (3170*)	5247 (2380)		20-2 (6167)

LIFT CAPACITIES – ARM LENGTH: 9'10" (3.0M), 15'5" (4.7M) MONOBOOM, TRACKSHOES: 20" (500MM), NO BUCKET, DOZER. JSI45 LC MONO

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach			
												ft-in (mm)
Load Point Ht.	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)
19-8 (6m)					5512* (2500*)	5512* (2500*)	5732* (2600*)	5732* (2600*)	4938* (2240*)	4938* (2240*)		21-8 (6650)
16-5 (5m)					5798* (2630*)	5798* (2630*)	5776* (2620*)	5776* (2620*)	4652* (2110*)	4630 (2100)		23-7 (7231)
13-1 (4m)			6944* (3150*)	6944* (3150*)	6437* (2920*)	6437* (2920*)	6107* (2770*)	6107* (2770*)	4519* (2050*)	4211 (1910)		25-1 (7636)
9-10 (3m)			8554* (3880*)	8554* (3880*)	7341* (3330*)	7341* (3330*)	6636* (3010*)	6129 (2780)	4497* (2040*)	3946 (1790)		25-9 (7893)
6-7 (2m)			10340* (4690*)	10340* (4690*)	8377* (3800*)	7716 (3500)	7253* (3290*)	5930 (2690)	4541* (2060*)	3814 (1730)		26-3 (8016)
3-3 (1m)			11883* (5390*)	10075 (4570)	9325* (4230*)	7385 (3350)	7870* (3570*)	5732 (2600)	4652* (2110*)	3770 (1710)		26-3 (8012)
0-0 (0m)			12919* (5860*)	9722 (4410)	10075* (4570*)	7143 (3240)	8289 (3760)	5578 (2530)	4894* (2220*)	3836 (1740)		25-9 (7880)
- 3-3 (- 1m)	12478* (5660*)	12478* (5660*)	13382* (6070*)	9546 (4330)	10472* (4750*)	7011 (3180)	8179 (3710)	5489 (2490)	5247* (2380*)	4012 (1820)		25-0 (7613)
- 6-7 (- 2m)	17238* (7860*)	17328 (6690)	13294* (6030*)	9502 (4310)	10494* (4760*)	6967 (3160)	8157 (3700)	5445 (2470)	5820* (2640*)	4343 (1970)		23-6 (7196)
- 9-10 (- 3m)	16468* (7470*)	16468 (6770)	12610* (5720*)	9590 (4350)	10009* (4540*)	7011 (3180)	8025* (3640*)	5512 (2500)	6702* (3040*)	4938 (2240)		21-7 (6601)

LIFT CAPACITIES – ARM LENGTH: 6'11" (2.1M), 16'5" (5.0M) T.A.B., TRACKSHOES: 20" (500MM), NO BUCKET, DOZER. JSI45 LC T.A.B.

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach			
												ft-in (mm)
Load Point Ht.	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)
19-8 (6m)			7077* (3210*)	7077* (3210*)	7055* (3200*)	7055* (3200*)			6768* (3070*)	6768* (3070*)		18-3 (5575)
16-5 (5m)			7606* (3450*)	7606* (3450*)	7165* (3250*)	7165* (3250*)	7055* (3200*)	6239 (2830)	6239* (2830*)	5798* (2630*)		20-5 (6259)
13-1 (4m)	10825* (4910*)	10825* (4910*)	8774* (3980*)	8774* (3980*)	7738* (3510*)	7738* (3510*)	7187* (3260*)	6195 (2810)	5997* (2720*)	5137 (2330)		22-1 (6724)
9-10 (3m)			10406* (4720*)	10406* (4720*)	8576* (3890*)	7892 (3580)	7606* (3450*)	6063 (2750)	5908* (2680*)	4762 (2160)		23-0 (7015)
6-7 (2m)			12037* (5460*)	10340 (4690)	9480* (4300*)	7606 (3450)	8113* (3680*)	5908 (2680)	5952* (2700*)	4564 (2070)		23-5 (7154)
3-3 (1m)			13184* (5980*)	9965 (4520)	10251* (4650*)	7363 (3340)	8466 (3840)	5754 (2610)	6129* (2780*)	4519 (2050)		23-5 (7149)
0-0 (0m)			13646* (6190*)	9788 (4440)	10692* (4850*)	7231 (3280)	8377 (3800)	5666 (2570)	6482* (2940*)	4630 (2100)		23-0 (7000)
- 3-3 (- 1m)	12588* (5710*)	12588* (5710*)	13558* (6150*)	9766 (4430)	10759* (4880*)	7165 (3250)	8333 (3780)	5466 (2560)	7077* (3210*)	4916 (2230)		22-0 (6697)
- 6-7 (- 2m)	16446* (7460*)	15278 (6930)	12897* (5850*)	9810 (4450)	10318* (4680*)	7209 (3270)	8201* (3720*)	5688 (2580)	7606* (3450*)	5467 (2480)		20-4 (6219)
- 9-10 (- 3m)			11508* (5220*)	9987 (4530)	90389* (4100*)	7341 (3330)			8179* (3710*)	6790 (3080)		17-5 (5322)



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 – ARM LENGTH: 8'2" (2.5M), 16'5" (5.0M) T.A.B., TRACKSHOES: 20" (500MM), NO BUCKET, DOZER. JSI45 LC T.A.B.

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
19-8 (6m)			6173* (2800*)	6173* (2800*)	6636* (3010*)	6636* (3010*)			5225* (2370*)	5225* (2370*)	18-2 (5533)
16-5 (5m)			6570* (2980*)	6570* (2980*)	6658* (3020*)	6658* (3020*)	6856* (3110*)	6371 (2890)	4938* (2240*)	4938* (2240*)	20-4 (6221)
13-1 (4m)	8510* (3860*)	8510* (3860*)	7694* (3490*)	7694* (3490*)	7209* (3270*)	7209* (3270*)	6989* (3170*)	6327 (2870)	4828* (2190*)	4828* (2190*)	21-9 (6689)
9-10 (3m)	11905* (5400*)	11905* (5400*)	9370* (4250*)	9370* (4250*)	8113* (3680*)	8113 (3680)	7430* (3370*)	6217 (2820)	4828* (2190*)	4828* (2190*)	22-9 (6982)
6-7 (2m)	15719* (7130*)	15719* (7130*)	11243* (5100*)	10780 (4890)	9149* (4150*)	7848* (3560*)	8025* (3640*)	6063 (2750)	4960* (2250*)	4718 (2140)	23-4 (7121)
3-3 (1m)	14043* (6370*)	14043* (6370*)	12809* (5810*)	10384 (4710)	10119* (4590*)	7628 (3460)	8576* (3890*)	5930 (2690)	5203* (2360*)	4674 (2120)	23-3 (7116)
0-0 (0m)	15057* (6830*)	15057* (6830*)	13801* (6260*)	10141 (4600)	10803* (4900*)	7452 (3380)	8466 (3840)	5820 (2640)	5600* (2540*)	4762 (2160)	22-9 (6967)
- 3-3 (- 1m)	19026* (8630*)	15410 (6990)	14109* (6400*)	10009 (4540)	10913* (4950)	7363 (3340)	8422 (3820)	5776 (2620)	6261* (2840*)	5026 (2280)	21-9 (6663)
- 6-7 (- 2m)	18166* (8240*)	15476 (7020)	13757* (6240*)	10009 (4540)	10891* (4940)	7341 (3330)	8422 (3820)	5776 (2620)	7363* (3340*)	5578 (2530)	20-3 (6181)
- 9-10 (- 3m)	16446* (7460*)	15631 (7090)	12632* (5730*)	10097 (4580)	9833* (4460*)	7430 (3370)			8488* (3850*)	6614 (3000)	18-0 (5474)

LIFT CAPACITIES – ARM LENGTH: 8'11" (2.7M), 16'5" (5.0M) T.A.B., TRACKSHOES: 20" (500MM), NO BUCKET, DOZER. JSI45 LC T.A.B.

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
19-8 (6m)					6261* (2840*)	6261* (2840*)			5578* (2530*)	5578* (2530*)	18-5 (5653)
16-5 (5m)			5997* (2720*)	5997* (2720*)	6217* (2820*)	6217* (2820*)	6504* (2950*)	6393 (2900)	5269* (2390*)	5269* (2390*)	20-8 (6326)
13-1 (4m)			6944* (3150*)	6944* (3150*)	6702* (3040*)	6702* (3040*)	6614* (3000*)	6239 (2830)	5137* (2330*)	5137* (2330*)	22-3 (6785)
9-10 (3m)	10273* (4660*)	10273* (4660*)	8444* (3830*)	8444* (3830*)	7518* (3410*)	7518* (3410*)	7033* (3190*)	6041 (2740)	5115* (2320*)	4784 (2170)	23-2 (7075)
6-7 (2m)	13823* (6270*)	13823* (6270*)	10185* (4620*)	10009 (4540)	8488* (3850*)	7452 (3380)	7562* (3430*)	5842 (2650)	5247* (2380*)	4564 (2070)	23-7 (7210)
3-3 (1m)	16579* (7520*)	14330 (6500)	11751* (5330*)	9590 (4350)	9414* (4270*)	7165 (3250)	8113* (3680*)	5666 (2570)	5489* (2490*)	4475 (2030)	23-6 (7205)
0-0 (0m)	17835* (8090*)	14131 (6410)	12809* (5810*)	9348 (4240)	10141* (4600*)	6989 (3170)	8069 (3660)	5534 (2510)	5842* (2650*)	4541 (2060)	23-2 (7060)
- 3-3 (- 1m)	17923* (8130*)	14021 (6360)	13228* (6000*)	9215 (4180)	10185 (4620)	6878 (3120)	7981 (3620)	5467 (2480)	5489* (2490*)	4762 (2160)	22-2 (6759)
- 6-7 (- 2m)	17196* (7800*)	13955 (6330)	13029* (5910*)	9193 (4170)	10141 (4600)	6856 (3110)	8003 (3630)	5467 (2480)	7474* (3390*)	5203 (2360)	20-6 (6287)
- 9-10 (- 3m)	15675* (7110*)	13977 (6340)	12103* (5490*)	9237 (4190)	9612* (4360*)	6922 (3140)			8267* (3750*)	6063 (2750)	18-3 (5592)

LIFT CAPACITIES – ARM LENGTH: 9'10" (3.0M), 16'5" (5.0M) T.A.B., TRACKSHOES: 20" (500MM), NO BUCKET, DOZER. JSI45 LC T.A.B.

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
19-8 (6m)					5600* (2540*)	5600* (2540*)	5556* (2520*)	5556* (2520*)	4806* (2180*)	4806* (2180*)	20-1 (6113)
16-5 (5m)					5754* (2610*)	5754* (2610*)	5997* (2720*)	5997* (2720*)	4564* (2070*)	4564* (2070*)	22-1 (6741)
13-1 (4m)			6526* (2960*)	6526* (2960*)	6371* (2890*)	6371* (2890*)	6261* (2840*)	6261* (2840*)	4475* (2030*)	4475* (2030*)	23-5 (7175)
9-10 (3m)	9833* (4460*)	9833* (4460*)	8179* (3710*)	8179* (3710*)	7297* (3310*)	7297* (3310*)	6790* (3080*)	6239 (2830)	4497* (2040*)	4453 (2020)	24-4 (7448)
6-7 (2m)	13691* (6210*)	13691* (6210*)	10141* (4600*)	10141* (4600*)	8422* (3820*)	7892 (3580)	7452* (3380*)	6063 (2750)	4608* (2090*)	4277 (1940)	24-9 (7578)
3-3 (1m)	16843* (7640*)	15939 (7230)	11927* (5410*)	10428 (4730)	9502* (4310*)	7628 (3460)	8113* (3680*)	5908 (2680)	4828* (2190*)	4211 (1910)	24-8 (7574)
0-0 (0m)	16557* (7510*)	15432 (7000)	13206* (5990*)	10097 (4580)	10362* (4700*)	7407 (3360)	8422 (3820)	5776 (2620)	5181* (2350*)	4277 (1940)	24-4 (7434)
- 3-3 (- 1m)	18982* (8610*)	15234 (6910)	13845* (6280*)	9899 (4490)	10825 (4910)	7275 (3300)	8333 (3780)	5666 (2570)	5710* (2590*)	4497 (2040)	23-5 (7150)
- 6-7 (- 2m)	18585* (8430*)	15212 (6900)	13845* (6280*)	9833 (4460)	10758 (4880)	7209 (3270)	8289 (3760)	5644 (2560)	6592* (2990*)	4894 (2220)	22-0 (6704)
- 9-10 (- 3m)	17372* (7880*)	15322 (6950)	13161* (5970*)	9877 (4480)	10362* (4700*)	7231 (3280)	8091 (3670)	5710 (2590)	7915* (3590*)	5644 (2560)	19-9 (6060)



Lift capacity front and rear.

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 capacity full circle.











LIFT CAPACITIES – ARM LENGTH: 6'11" (2.1M), 16'5" (5.0M) T.A.B., TRACKSHOES: 20" (500MM), NO BUCKET. JS145 LC T.A.B.

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
19-8 (6m)					7077* (3210*)	7077* (3210*)			6768* (3070*)	6702 (3040)	18-3 (5575)
16-5 (5m)			7606* (3450*)	7606* (3450*)	7165* (3250*)	7165* (3250*)	7055* (3200*)	5997 (2720)	6239* (2830*)	5556 (2520)	20-5 (6259)
13-1 (4m)	10825* (4910*)	10825* (4910*)	8774* (3980*)	8774* (3980*)	7738* (3510*)	7738* (3510*)	7187* (3260*)	5952 (2700)	5997* (2720*)	4916 (2230)	22-1 (6724)
9-10 (3m)			10406* (4720*)	10406* (4720*)	8576* (3890*)	7584 (3440)	7606* (3450*)	5798 (2630)	5908* (2680*)	4541 (2060)	23-0 (7015)
6-7 (2m)			12037* (5460*)	9921 (4500)	9480* (4300*)	7297 (3310)	8113 (3680)	5644 (2560)	5952* (2700*)	4365 (1980)	23-5 (7154)
3-3 (1m)			13184* (5980*)	9568 (4340)	10251* (4650*)	7055 (3200)	7959 (3610)	5512 (2500)	6129* (2780*)	4321 (1960)	23-5 (7149)
0-0 (0m)			13646* (6190*)	9392 (4260)	10207 (4630)	6922 (3140)	7870 (3570)	5423 (2460)	6371 (2890)	4431 (2010)	23-0 (7000)
- 3-3 (- 1m)	12588* (5710*)	12588* (5710*)	13558* (6150*)	9348 (4240)	10141 (4600)	6856 (3110)	7826 (3550)	5401 (2450)	6768 (3070)	4696 (2130)	22-0 (6697)
- 6-7 (- 2m)	16446* (7460*)	14661 (6650)	12897* (5850*)	9414 (4270)	10163 (4610)	6900 (3130)	7892 (3580)	5445 (2470)	7562 (3430)	5247 (2380)	20-4 (6219)
- 9-10 (- 3m)			11508* (5220*)	9568 (4340)	9039* (4100*)	7033 (3190)			8179* (3710*)	6504 (2950)	17-5 (5322)

LIFT CAPACITIES – ARM LENGTH: 8'2" (2.5M), 16'5" (5.0M) T.A.B., TRACKSHOES: 20" (500MM), NO BUCKET. JS145 LC T.A.B.

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
19-8 (6m)			6283* (2850*)	6283* (2850*)	6349* (2880*)	6349* (2880*)	6283* (2850*)	6041 (2740)	5423* (2460*)	5423* (2460*)	19-9 (6064)
16-5 (5m)			6834* (3100*)	6834* (3100*)	6570* (2980*)	6570* (2980*)	6459* (2930*)	6085 (2760)	5049* (2290*)	5026 (2280)	22-0 (6698)
13-1 (4m)	5458* (4290*)	5458* (4290*)	8003* (3630*)	8003* (3630*)	7187* (3260*)	7187* (3260*)	6724* (3050*)	5997 (2720)	4872* (2210*)	4497 (2040)	23-4 (7134)
9-10 (3m)			9612* (4360*)	9612* (4360*)	8069* (3660*)	7650 (3470)	7187* (3260*)	5842 (2650)	4806* (2180*)	4189 (1900)	24-3 (7409)
6-7 (2m)			11332* (5140*)	10053 (4560)	9039* (4100*)	7341 (3330)	7760* (3520*)	5666 (2570)	4850* (2200*)	4034 (1830)	24-7 (7540)
3-3 (1m)			12676* (5750*)	9612 (4360)	9877* (4480*)	7077 (3210)	8576* (3890*)	5930 (2690)	5203* (2360*)	4674 (2120)	23-3 (7116)
0-0 (0m)			13426* (6090*)	9370 (4250)	10185 (4620)	6900 (3130)	7826 (3550)	5401 (2450)	5269* (2390*)	4079 (1850)	24-3 (7394)
- 3-3 (- 1m)	12787* (5800*)	12787* (5800*)	13580* (6160*)	9259 (4200)	10075 (4570)	6812 (3090)	7760 (3520)	5335 (2420)	5710* (2590*)	4299 (1950)	23-3 (7109)
- 6-7 (- 2m)	17174* (7790*)	14440 (6550)	13184* (5980*)	9281 (4210)	10075 (4570)	6790 (3080)	7782 (3530)	5335 (2420)	6393* (2900*)	4718 (2140)	21-9 (6660)
- 9-10 (- 3m)	15542* (7050*)	14661 (6650)	12125* (5500*)	9414 (4270)	9634* (4370*)	6900 (3130)	7187* (3260*)	5489 (2490)	7143* (3240*)	5489 (2490)	19-7 (6011)

LIFT CAPACITIES – ARM LENGTH: 8'11" (2.7M), 16'5" (5.0M) T.A.B., TRACKSHOES: 20" (500MM), NO BUCKET. JS145 LC T.A.B.

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
19-8 (6m)					6019* (2730*)	6019* (2730*)	6349* (2880*)	6195 (2810)	5776* (2620*)	5776* (2620*)	20-4 (6218)
16-5 (5m)			6261* (2840*)	6261* (2840*)	6151* (2790*)	6151* (2790*)	6151* (2790*)	6085 (2760)	5423* (2460*)	4916 (2230)	22-4 (6834)
13-1 (4m)	8201* (3720*)	8201* (3720*)	7231* (3280*)	7231* (3280*)	6680* (3030*)	6680* (3030*)	6371* (2890*)	5886 (2670)	5203* (2360*)	4387 (1990)	23-8 (7263)
9-10 (3m)			8686* (3940*)	8686* (3940*)	7474* (3390*)	7297 (3310)	6790* (3080*)	5666 (2570)	5093* (2310*)	4056 (1840)	24-7 (7535)
6-7 (2m)			10295* (4670*)	9325 (4230)	8377* (3800*)	6944 (3150)	7319* (3320*)	5445 (2470)	5137* (2330*)	3880 (1760)	25-1 (7663)
3-3 (1m)			11662* (5290*)	8907 (4040)	9215* (4180*)	6658 (3020)	7584 (3440)	5247 (2380)	5269* (2390*)	3814 (1730)	25-1 (7659)
0-0 (0m)			12522* (5680*)	8664 (3930)	9502 (4310)	6459 (2930)	7430 (3370)	5115 (2320)	5512* (2500*)	3858 (1750)	24-7 (7521)
- 3-3 (- 1m)	14969* (6790*)	13161 (5970)	12787* (5800*)	8554 (3880)	9392 (4260)	6349 (2880)	7341 (3330)	5026 (2280)	5842 (2650)	4034 (1830)	23-7 (7239)
- 6-7 (- 2m)	16402* (7440*)	13117 (5950)	12500* (5670*)	8532 (3870)	9370 (4250)	8327 (2870)	7341 (3330)	5026 (2280)	6349 (2880)	4387 (1990)	22-3 (6798)
- 9-10 (- 3m)	14903* (6760*)	13161 (5970)	11618* (5270*)	8620 (3910)	9325* (4230*)	6393 (2900)	7385* (3350*)	5159 (2340)	6967* (3160*)	5026 (2280)	20-2 (6167)



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 – ARM LENGTH: 9'10" (3.0M), 16'5" (5.0M) T.A.B., TRACKSHOES: 20" (500MM), NO BUCKET.

JSI45 LC T.A.B.

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)
19-8 (6m)					5512* (2500*)	5512* (2500*)	5732* (2600*)	5732* (2600*)	4938* (2240*)	4938* (2240*)	21-8 (6650)
16-5 (5m)					5798* (2630*)	5798* (2630*)	5776* (2620*)	5776* (2620*)	4652* (2110*)	4453 (2020)	23-7 (7231)
13-1 (4m)			6944* (3150*)	6944* (3150*)	6437* (2920*)	6437* (2920*)	6107* (2770*)	6063 (2750)	4519* (2050*)	4034 (1830)	25-1 (7636)
9-10 (3m)			8554* (3880*)	8554* (3880*)	7341* (3330*)	7341* (3330*)	6636* (3010*)	5886 (2670)	4497* (2040*)	3770 (1710)	25-9 (7893)
6-7 (2m)			10340* (4690*)	10207 (4630)	8377* (3800*)	7407 (3360)	7253* (3290*)	5666 (2570)	4541* (2060*)	3638 (1650)	26-3 (8016)
3-3 (1m)			11883* (5390*)	9656 (4380)	9325* (4230*)	7077 (3210)	7870* (3570*)	5489 (2490)	4652* (2110*)	3593 (1630)	26-3 (8012)
0-0 (0m)			12919* (5860*)	9303 (4220)	10075* (4570*)	6834 (3100)	7782 (3530)	5335 (2420)	4894* (2220*)	3638 (1650)	25-9 (7880)
- 3-3 (- 1m)	12478* (5660*)	12478* (5660*)	13382* (6070*)	9127 (4140)	9987 (4530)	6702 (3040)	7672 (3480)	5225 (2370)	5247* (2380*)	3814 (1730)	25-0 (7613)
- 6-7 (- 2m)	17328* (7860*)	14131 (6410)	13294* (6030*)	9105 (4130)	9921 (4500)	6658 (3020)	7650 (3470)	5203 (2360)	5820* (2640*)	4145 (1880)	23-6 (7196)
- 9-10 (- 3m)	16468* (7470*)	14308 (6490)	12610* (5720*)	9171 (4160)	9987 (4530)	6702 (3040)	7716 (3500)	5269 (2390)	6702* (3040*)	4718 (2140)	21-7 (6601)







LIFT CAPACITIES – ARM LENGTH: 6'11" (2.1M), 15'5" (4.7M) MONOBOOM, TRACKSHOES: 24" (600MM), NO BUCKET.

JSI45 HD MONO

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)
19-8 (6m)			7121* (3230*)	7121* (3230*)	7540* (3420*)	7540* (3420*)			6482* (2940*)	6482* (2940*)	16-8 (5122)
16-5 (5m)			7540* (3420*)	7540* (3420*)	7385* (3350*)	7385* (3350*)			6063* (2750*)	6063* (2750*)	19-2 (5845)
13-1 (4m)	10251* (4650*)	10251* (4650*)	8708* (3950*)	8708* (3950*)	7915* (3590*)	7915* (3590*)	7584* (3440*)	6989 (3170)	5908* (2680*)	5908* (2680*)	20-8 (6327)
9-10 (3m)	13933* (6320*)	13933* (6320*)	10384* (4710*)	10384* (4710*)	8796* (3990*)	8796* (3990*)	7959* (3610*)	6900 (3130)	5930* (2690*)	5930 (2690)	21-7 (6622)
6-7 (2m)			12147* (5510*)	12081 (5480)	9744* (4420*)	8774 (3980)	8466* (3840*)	6768 (3070)	6085* (2760*)	5710 (2590)	22-2 (6756)
3-3 (1m)			13470* (6110*)	11728 (5320)	10582* (4800*)	8554 (3880)	8929* (4050*)	6658 (3020)	6437* (2920*)	5666 (2570)	22-1 (6737)
0-0 (0m)	13977* (6340*)	13977* (6340*)	14109* (6400*)	11552 (5240)	11089* (5030*)	8422 (3820)	9193* (4170*)	6570 (2980)	7011* (3180*)	5842 (2650)	21-5 (6565)
- 3-3 (- 1m)	18651* (8460*)	18100 (8210)	14109* (6400*)	11486 (5210)	11155* (5060*)	8377 (3800)	9061* (4110*)	6548 (2970)	7937* (3600*)	6261 (2840)	20-4 (6227)
- 6-7 (- 2m)	17372* (7880*)	17372* (7880*)	13404* (6080*)	11530 (5230)	10582* (4800*)	8400 (3810)			8818* (4000*)	7077 (3210)	18-7 (5692)
- 9-10 (- 3m)	15146* (6870*)	15146* (6870*)	11706* (5310*)	11684 (5300)					8907* (4040*)	8818 (4000)	16-1 (4896)

LIFT CAPACITIES – ARM LENGTH: 8'2" (2.5M), 15'5" (4.7M) MONOBOOM, TRACKSHOES: 24" (600MM), NO BUCKET.

JSI45 HD MONO

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)
19-8 (6m)			6173* (2800*)	6173* (2800*)	6592* (2990*)	6592* (2990*)			5203* (2360*)	5203* (2360*)	18-4 (5604)
16-5 (5m)			6658* (3020*)	6658* (3020*)	6680* (3030*)	6680* (3030*)	6856* (3110*)	6856* (3110*)	4916* (2230*)	4916* (2230*)	20-6 (6271)
13-1 (4m)	8774* (3980*)	8774* (3980*)	7826* (3550*)	7826* (3550*)	7275* (3300*)	7275* (3300*)	7011* (3180*)	7011* (3180*)	4806* (2180*)	4806* (2180*)	22-1 (6722)
9-10 (3m)	12258* (5560*)	12258* (5560*)	9524* (4320*)	9524* (4320*)	8201* (3720*)	8201* (3720*)	7496* (3400*)	6922 (3140)	4828* (2190*)	4828* (2190*)	23-0 (7000)
6-7 (2m)	16005* (7260*)	16005* (7260*)	11398* (5170*)	11398* (5170*)	9259* (4200*)	8818 (4000)	8069* (3660*)	6790 (3080)	4960* (2250*)	4960* (2250*)	23-4 (7126)
3-3 (1m)	13889* (6300*)	13889* (6300*)	12919* (5860*)	11795 (5350)	10185* (4620*)	8576 (3890)	8642* (3920*)	6636 (3010)	5225* (2370*)	5225 (2370)	23-3 (7109)
0-0 (0m)	15344* (6960*)	15344* (6960*)	13845* (6280*)	11530 (5230)	10847* (4920*)	8400 (3810)	9017* (4090*)	6548 (2970)	5666* (2570*)	5357 (2430)	22-8 (6946)
- 3-3 (- 1m)	18982* (8610*)	17967 (8150)	14109* (6400*)	11420 (5180)	11111* (5040*)	8311 (3770)	9127* (4140*)	6482 (2940)	6327* (2870*)	5688 (2580)	21-7 (6628)
- 6-7 (- 2m)	18056* (8190*)	18034 (8180)	13691* (6210*)	11420 (5180)	10825* (4910*)	8311 (3770)	8620* (3910*)	6504 (2950)	7474* (3390*)	6349 (2880)	20-1 (6129)
- 9-10 (- 3m)	16248* (7370*)	16248* (7370*)	12478* (5660*)	11530 (5230)	9678* (4390*)	8400 (3810)			8510* (3860*)	5401 (2450)	17-7 (5398)



Lift capacity front and rear.

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 capacity full circle.

LIFT CAPACITIES – ARM LENGTH: 8'11" (2.7M), 15'5" (4.7M) MONOBOOM, TRACKSHOES: 24" (600MM), NO BUCKET. JS145 HD MONO

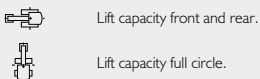
Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
19-8 (6m)					6195* (2810*)	6195* (2810*)			5534* (2510*)	5534* (2510*)	18-8 (5721)
16-5 (5m)			6041* (2740*)	6041* (2740*)	6217* (2820*)	6217* (2820*)	6482* (2940*)	6482* (2940*)	5225* (2370*)	5225* (2370*)	20-9 (6374)
13-1 (4m)	7518* (3410*)	7518* (3410*)	7033* (3190*)	7033* (3190*)	6746* (3060*)	6746* (3060*)	6614* (3000*)	6614* (3000*)	5115* (2320*)	5115* (2320*)	22-4 (6816)
9-10 (3m)	10560* (4790*)	10560* (4790*)	8576* (3890*)	8576* (3890*)	7584* (3440*)	7584* (3440*)	7033* (3190*)	6724 (3050)	5115* (2320*)	5115 (2320)	23-3 (7092)
6-7 (2m)	14087* (6390*)	14087* (6390*)	10318* (4680*)	10318* (4680*)	8554* (3880*)	8311 (3770)	7584* (3440*)	6504 (2950)	5247* (2380*)	5071 (2300)	23-7 (7216)
3-3 (1m)	16711* (7580*)	16535 (7500)	11839* (5370*)	10847 (4920)	9480* (4300*)	8047 (3650)	8135* (3690*)	6327 (2870)	5489* (2490*)	5004 (2270)	23-6 (7198)
0-0 (0m)	17835* (8090*)	16336 (7410)	12831* (5820*)	10604 (4810)	10163* (4610*)	7848 (3560)	8554* (3880*)	6195 (2810)	5886* (2670*)	5093 (2310)	23-1 (7040)
- 3-3 (- 1m)	17857* (8100*)	16226 (7360)	13206* (5990*)	10472 (4750)	10472* (4750*)	7738 (3510)	8708* (3950*)	6129 (2780)	6548* (2970*)	5357 (2430)	22-1 (6725)
- 6-7 (- 2m)	17064* (7740*)	16160 (7330)	12941* (5870*)	10450 (4740)	10318* (4680*)	7716 (3500)	8422* (3820*)	6151 (2790)	7584* (3440*)	5886 (2670)	20-5 (6237)
- 9-10 (- 3m)	15476* (7020*)	15476* (7020*)	11949* (5420*)	10516 (4770)	9458* (4290*)	7804 (3540)			8245* (3740*)	6944 (3150)	18-1 (5519)

LIFT CAPACITIES – ARM LENGTH: 9'11" (3.0M), 15'5" (4.7M) MONOBOOM, TRACKSHOES: 24" (600MM), NO BUCKET. JS145 HD MONO

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
19-8 (6m)					5578* (2530*)	5578* (2530*)	5864* (2660*)	5864* (2660*)	4784* (2170*)	4784* (2170*)	20-1 (6117)
16-5 (5m)					5798* (2630*)	5798* (2630*)	5997* (2720*)	5997* (2720*)	4564* (2070*)	4564* (2070*)	22-3 (6786)
13-1 (4m)			6658* (3020*)	6658* (3020*)	6437* (2920*)	6437* (2920*)	6305* (2860*)	6305* (2860*)	4475* (2030*)	4475* (2030*)	23-6 (7205)
9-10 (3m)	10163* (4610*)	10163* (4610*)	8355* (3790*)	8355* (3790*)	7407* (3360*)	7407* (3360*)	6856* (3110*)	6856* (3110*)	4497* (2040*)	4497* (2040*)	24-5 (7465)
6-7 (2m)	14021* (6360*)	14021* (6360*)	10318* (4680*)	10318* (4680*)	8510* (3860*)	8510* (3860*)	7518* (3410*)	6790 (3080)	4630* (2100*)	4630* (2100*)	24-9 (7583)
3-3 (1m)	17042* (7730*)	17042* (7730*)	12059* (5470*)	11839 (5370)	9590* (4350*)	8576 (3890)	8157* (3700*)	6614 (3000)	4850* (2200*)	4740 (2150)	24-8 (7567)
0-0 (0m)	16645* (7550*)	16645* (7550*)	13294* (6030*)	11486 (5210)	10428* (4730*)	8355 (3790)	8686* (3940*)	6482 (2940)	5203* (2360*)	4828 (2190)	24-3 (7415)
- 3-3 (- 1m)	18982* (8610*)	17769 (8060)	13867* (6290*)	11310 (5130)	10891* (4940*)	8223 (3730)	8973* (4070*)	6393 (2900)	5776* (2620*)	5093 (2310)	23-4 (7118)
- 6-7 (- 2m)	18519* (8400*)	17769 (8060)	13823* (6270*)	11243 (5100)	10891* (4940*)	8157 (3700)	8862* (4020*)	6371 (2890)	6680* (3030*)	5578 (2530)	21-8 (6656)
- 9-10 (- 3m)	17218* (7810*)	17218* (7810*)	13051* (5920*)	11310 (5130)	10273* (4660*)	8201 (3720)			6680* (3030*)	5578 (2530)	21-8 (6656)

LIFT CAPACITIES – ARM LENGTH: 6'11" (2.1M), 15'5" (5.0M) MONOBOOM, TRACKSHOES: 24" (600MM), NO BUCKET. JS145 HD T.A.B.

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		ft-in (mm)
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	
19-8 (6m)			7099* (3220*)	7099* (3220*)	7033* (3190*)	7033* (3190*)			6724* (3050*)	6724* (3050*)	18-5 (5645)
16-5 (5m)	8554* (3880*)	8554* (3880*)	7694* (3490*)	7694* (3490*)	7187* (3260*)	7187* (3260*)	7055* (3200*)	7011 (3180)	6239* (2830*)	6239* (2830*)	20-7 (6307)
13-1 (4m)	11111* (5040*)	11111* (5040*)	8907* (4040*)	8907* (4040*)	7804* (3540*)	7804* (3540*)	7209* (3270*)	6922 (3140)	5997* (2720*)	5997 (2590)	22-2 (6756)
9-10 (3m)			10560* (4790*)	10560* (4790*)	8664* (3930*)	8664* (3930*)	7650* (3470*)	6790 (3080)	5908* (2680*)	5908 (2410)	23-1 (7033)
6-7 (2m)			12147* (5510*)	11751 (5330)	9568* (4340*)	8576 (3890)	8157* (3700*)	6636 (3010)	5952* (2700*)	5952 (2330)	23-5 (7159)
3-3 (1m)			13250* (6010*)	11398 (5170)	10295* (4670*)	8333 (3780)	8598* (3900*)	6482 (2940)	6173* (2800*)	6173 (2320)	23-4 (7141)
0-0 (0m)			13669* (6200*)	11221 (5090)	10714* (4860*)	8201 (3720)	8840* (4010*)	6393 (2900)	6504* (2950*)	6504 (2380)	22-9 (6980)
- 3-3 (- 1m)	13250* (6010*)	13250* (6010*)	13514* (6130*)	11199 (5080)	10736* (4870*)	8135 (3690)	8796* (3990*)	6371 (2890)	7099* (3220*)	7099 (2540)	21-9 (6663)
- 6-7 (- 2m)	16314* (7400*)	16314* (7400*)	12809* (5810*)	11266 (5110)	10251* (4650*)	8179 (3710)	8091* (3670*)	6459 (2930)	7606* (3450*)	7606 (2840)	20-2 (6167)
- 9-10 (- 3m)			11332* (5140*)	11332* (5140*)	8840* (4010*)	8355 (3790)			8488* (3850*)	8488 (3660)	16-8 (5131)



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 – ARM LENGTH: 8'2" (2.5M), 16'5" (5.0M) MONOBOOM, TRACKSHOES: 24" (600MM), NO BUCKET.

JSI45 HD T.A.B.

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)
19-8 (6m)			6305* (2860*)	6305* (2860*)	6349* (2880*)	6349* (2880*)	6636* (3010*)	6636* (3010*)	5357* (2430*)	5357* (2430*)	20-1 (6130)
16-5 (5m)			6922* (3140*)	6922* (3140*)	6592* (2990*)	6592* (2990*)	6459* (2930*)	6459* (2930*)	5049* (2290*)	5049* (2290*)	22-1 (6743)
13-1 (4m)	9722* (4410*)	9722* (4410*)	8113* (3680*)	8113* (3680*)	7253* (3290*)	7253* (3290*)	6746* (3060*)	6746* (3060*)	4872* (2210*)	4872* (2210*)	23-5 (7164)
9-10 (3m)			9766* (4430*)	9766* (4430*)	8157* (3700*)	8157* (3700*)	7253* (3290*)	6834 (3100)	4806* (2180*)	4806* (2180*)	24-4 (7426)
6-7 (2m)			11464* (5200*)	11464* (5200*)	9105* (4130*)	8620 (3910)	7804* (3540*)	6658 (3020)	4872* (2210*)	4740 (2150)	24-8 (7545)
3-3 (1m)			12765* (5790*)	11442 (5190)	9943* (4510*)	8355 (3790)	8333* (3780*)	6482 (2940)	5026* (2280*)	4718 (2140)	24-7 (7528)
0-0 (0m)			13470* (6110*)	11199 (5080)	10516* (4770*)	9179 (3710)	8686* (3940*)	6371 (2890)	5313* (2410*)	4828 (2190)	24-2 (7375)
- 3-3 (- 1m)	13272* (6020*)	13272* (6020*)	13558* (6150*)	11111 (5040)	10692* (4850*)	8091 (3670)	8796* (3990*)	6305 (2860)	5754* (2610*)	5093 (2310)	23-2 (7076)
- 6-7 (- 2m)	17064* (7740*)	17064* (7740*)	13117* (5950*)	11133 (5050)	10428* (4730*)	8091 (3670)	8466* (3840*)	6327 (2870)	6459* (2930*)	5622 (2550)	21-7 (6612)
- 9-10 (- 3m)	15366* (6970*)	15366* (6970*)	11993* (5440*)	11288 (5120)	9502* (4310*)	8201 (3720)			7209* (3270*)	6614 (3000)	19-4 (5922)

LIFT CAPACITIES – ARM LENGTH: 8'11" (2.7M), 16'5" (5.0M) MONOBOOM, TRACKSHOES: 24" (600MM), NO BUCKET.

JSI45 HD T.A.B.

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)
19-8 (6m)					5974* (2710*)	5974* (2710*)	6261* (2840*)	6261* (2840*)	5710* (2590*)	5710* (2590*)	20-6 (6281)
16-5 (5m)			6305* (2860*)	6305* (2860*)	6151* (2790*)	6151* (2790*)	6129* (2780*)	6129* (2780*)	5357* (2430*)	5357* (2430*)	22-6 (6879)
13-1 (4m)	8400* (3810*)	8400* (3810*)	7341* (3330*)	7341* (3330*)	6724* (3050*)	6724* (3050*)	6371* (2890*)	6371* (2890*)	5181* (2350*)	5093 (2310)	23-9 (7292)
9-10 (3m)			8796* (3990*)	8796* (3990*)	7518* (3410*)	7518* (3410*)	6812* (3090*)	6592 (2990)	5071* (2300*)	4740 (2150)	24-8 (7552)
6-7 (2m)			10406* (4720*)	10406* (4720*)	8422* (3820*)	8113 (3680)	7341* (3330*)	6349 (2880)	5137* (2330*)	4541 (2060)	25-2 (7668)
3-3 (1m)			11751* (5330*)	10560 (4790)	9259* (4200*)	7826 (3550)	7848* (3560*)	6151 (2790)	5269* (2390*)	4497 (2040)	25-1 (7652)
0-0 (0m)			12522* (5680*)	10318 (4680)	9833* (4460*)	7628 (3460)	8223* (3730*)	6019 (2730)	5512* (2500*)	4564 (2070)	24-6 (7503)
- 3-3 (- 1m)	15432* (7000*)	15432* (7000*)	12743* (5780*)	10207 (4630)	10097* (4580*)	7518 (3410)	8377* (3800*)	5952 (2700)	5997* (2720*)	4784 (2170)	23-6 (7207)
- 6-7 (- 2m)	16270* (7380*)	15961 (7240)	12412* (5630*)	10207 (4630)	9921* (4500*)	7518 (3410)	8157* (3700*)	5952 (2700)	6702* (3040*)	5225 (2370)	22-1 (6751)
- 9-10 (- 3m)	14683* (6660*)	14683* (6660*)	11486* (5210*)	10295 (4670)	9193* (4170*)	7606 (3450)	7209* (3270*)	6107 (2770)	6944* (3150*)	5997 (2720)	20-0 (6101)

LIFT CAPACITIES – ARM LENGTH: 9'10" (3.0M), 16'5" (5.0M) MONOBOOM, TRACKSHOES: 24" (600MM), NO BUCKET.

JSI45 HD T.A.B.

Reach	9-10 (3m)		13-1 (4m)		16-5 (5m)		19-8 (6m)		Capacity at Maximum Reach		
											
Load Point Ht.	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	lb (kg)	ft-in (mm)
19-8 (6m)					5512* (2500*)	5512* (2500*)	5732* (2600*)	5732* (2600*)	4938* (2240*)	4938* (2240*)	21-8 (6650)
16-5 (5m)					5798* (2630*)	5798* (2630*)	5776* (2620*)	5776* (2620*)	4652* (2110*)	4453 (2020)	23-7 (7231)
13-1 (4m)			6944* (3150*)	6944* (3150*)	6437* (2920*)	6437* (2920*)	6107* (2770*)	6063 (2750)	4519* (2050*)	4034 (1830)	25-1 (7636)
9-10 (3m)			8554* (3880*)	8554* (3880*)	7341* (3330*)	7341* (3330*)	6636* (3010*)	5886 (2670)	4497* (2040*)	3770 (1710)	25-9 (7893)
6-7 (2m)			10340* (4690*)	10207 (4630)	8377* (3800*)	7407 (3360)	7253* (3290*)	5666 (2570)	4541* (2060*)	3638 (1650)	26-3 (8016)
3-3 (1m)			11883* (5390*)	9656 (4380)	9325* (4230*)	7077 (3210)	7870* (3570*)	5489 (2490)	4652* (2110*)	3593 (1630)	26-3 (8012)
0-0 (0m)			12919* (5860*)	9303 (4220)	10075* (4570*)	6834 (3100)	7782 (3530)	5335 (2420)	4894* (2220*)	3638 (1650)	25-9 (7880)
- 3-3 (- 1m)	12478* (5660*)	12478* (5660*)	13382* (6070*)	9127 (4140)	9987* (4530)	6702 (3040)	7672 (3480)	5225 (2370)	5247* (2380*)	3814 (1730)	25-0 (7613)
- 6-7 (- 2m)	17328* (7860*)	14131 (6410)	13294* (6030*)	9105 (4130)	9921* (4500)	6658 (3020)	7650 (3470)	5203 (2360)	5820* (2640*)	4145 (1880)	23-6 (7196)
- 9-10 (- 3m)	16468* (7470*)	14308 (6490)	12610* (5720*)	9171 (4160)	9987* (4530)	6702 (3040)	7716 (3500)	5269 (2390)	6702* (3040*)	4718 (2140)	21-7 (6601)



Lift capacity front and rear.

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 capacity full circle.





ONE COMPANY, OVER 300 MACHINES.

Tracked Excavator JS145 LC/HD

Engine power: 109hp (81kW) Bucket capacity: 12 – 30ft³ (0.34 – 0.85m³)

Operating weight: 31991 – 35459lb (14511 – 16084kg)

JCB North American – Headquarters

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