SPECIFICATION



TRACKED EXCAVATORS | 140X, 150X

Max engine power: 81kW (109hp) Max operating weight: 15,275kg Max bucket capacity: 0.89m³

JCB

JCB 140X/150X Tracked Excavator

Over 4 years, every detail of this world-class excavator was poured over by our team of experts to make sure no stone was left unturned in this pursuit of excellence.





EXTREMELY EASY
The 140X and 150X machines have been designed to have best-in-class ease of use when working in any application.



EXTREME STRENGTH

We spent thousands of hours developing and testing this machine to its limits and discovered that this machine is more than just an incredibly strong package - it's the real deal.

EXCEPTIONAL COMFORT

You can't expect more from this machine when it comes to comfort - it's the best in the business. Low noise levels, spacious cab, and double cushioned mounts means there's enough to make any operator happy.





EXPERIENCE GREATER PERFORMANCE

We listened to the thousands of customers like you who said they need a machine that will perform in the most extreme conditions. So, we've invested years of research and development to give you just that.

EXCELLENT CONTROL

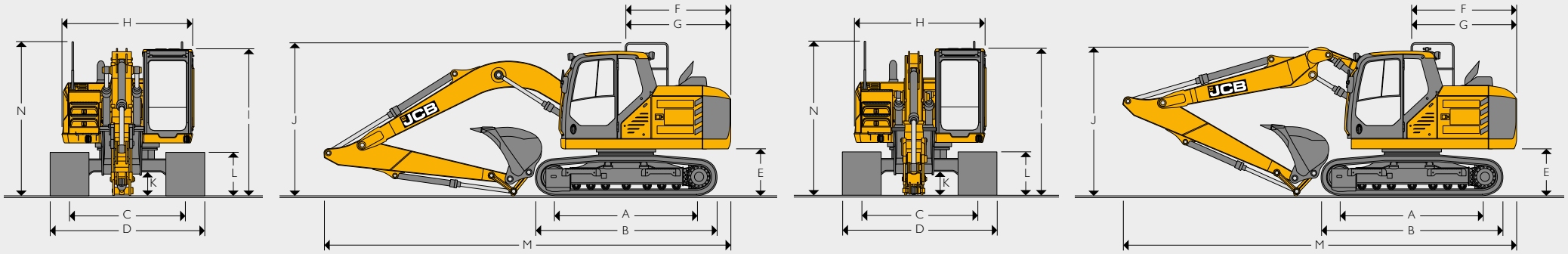
Efficient. Controllable. Easy to use. That's what 4 years of hydraulic development combined with proven Japanese components will give you.



JCB UX

We've updated our spacious, class-leading JCB CommandPlus cab to give you even more comfort and control by introducing JCB UX. A new 10" full colour touch screen display, updated switchgear and new keyless start make operating easier and faster than ever, while a revised menu interface give you the ability to control functions via multiple inputs, for more productive and efficient working.

STATIC DIMENSIONS



STATIC DIMENSIONS

Model			140X LC		150X LC			150X HD			
A	Track length on ground	mm	2865		2865			3090			
B	Undercarriage overall length	mm	3590		3590			3940			
C	Track gauge	mm	1990		1990			2200			
D	Width over tracks (500 mm trackshoes)	mm	2490		2490			-			
D	Width over tracks (600 mm trackshoes)	mm	2590		2590			2800			
D	Width over tracks (700 mm trackshoes)	mm	2690		2690			2900			
D	Width over tracks (800mm trackshoes)	mm	-		-			3000			
D	Width over tracks (850 mm trackshoes)	mm	2840		2840			-			
D	Width over tracks (900 mm trackshoes)	mm	-		-			3100			
E	Counterweight clearance	mm	905		905			1050			
F	Tail length	mm	2103		2103			2103			
G	Tail swing radius	mm	2150		2150			2150			
H	Width of upper superstructure	mm	2490		2490			2490			
H	Width of upper superstructure (with SIPS)	mm	2619		2619			2619			
I	Height over cab	mm	2866		2866			2916			
I	Height over cab (vandal guard – optional)	mm	3172		3172			3319			
I	Height over cab (FOPS guard)	mm	2965		2965			3112			
J	Height over grab rail	mm	3002		3002			3149			
K	Ground clearance	mm	425		425			470			
L	Track height	mm	811		811			880			
			Mono		Mono		T.A.B	Mono		T.A.B	
Dipper lengths			**2.5m**	**3.0m**	**2.5m**	**3.0m**	**2.5m** **3.0m**	**2.5m**	**3.0m**	**2.5m**	**3.0m**
M	Transport length	mm	7659	7604	7659	7604	7726 7628	7659	7604	7726	7628
N	Transport height	mm	3002	3289	3002	3289	3002 3236	3149	3543	3149	3543

ENGINE		
	140X	150X
Model	JCB Dieselmax 448 TCA EU Stage V	
Type	4-stroke, 4-cylinder in-line, common rail, direct injection, turbocharged and intercooled diesel	
Rated power	81kW (109 hp) at 2200rpm (ISO 14396)	
Piston displacement	4.765 litres	
Air filtration	Dry element with secondary safety element and in cab warning indicator	
Starting system	24 volt	
Batteries	2 x 12 volt	
Alternator	28 volt – 100 ampere	
Maximum torque	516Nm	
Bore and stroke	106mm & 135mm	

SWING SYSTEM	
Swing motor	Axial piston
Swing brake	Hydraulic braking plus automatic spring applied disc type parking brake
Swing torque	36.0 KNm
Swing speed	13.1 rpm
Swing gear	Large diameter, internally toothed fully sealed grease bath lubricated
Dipstick	Remote

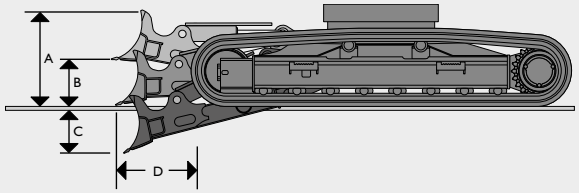
TRACK DRIVE		
Type	Fully hydrostatic, two speed with autoshift	
Travel motors	Variable swash axial piston type, fully guarded within undercarriage frame	
Final drive	Planetary reduction, bolt-on sprockets	
Service brake	Hydraulic counter balance valve	
Park brake	Disc type, spring applied, automatic hydraulic release	
Gradeability	70% (35 deg) continuous	
Travel speed	**140X LC/150X LC**	**150X HD**
	High – 6.6 km/h	High – 4.3 km/h
	Low – 3.8 km/h	Low – 2.5 km/h
Tractive effort	116 kNm	194.3 kNm

HYDRAULIC SYSTEM			
Pumps			
Main pumps	2 variable displacement axial piston type		
Maximum flow	2 X 130 l/min		
Servo pump	Gear type		
Servo pump maximum flow	30 l/min		
Control valve			
A combined four and five spool control valve with auxiliary service spool as standard			
Relief valve settings			
Boom/Arm/Bucket	314 bar		
With power boost	343 bar		
Swing circuit	279 bar		
Travel circuit	343 bar		
Pilot control	40 bar		
Filtration			
In tank	105 micron, suction strainer		
Main return line	10 micron, glass fibre element		
Pilot drain line	10 micron, glass fibre element		
Pilot line	10 micron, glass fibre element		
Hydraulic hammer return	10 micron, reinforced microform element		
Hydraulic cylinders			
	Quantity	**Bore mm**	**Rod diameter mm**
Boom	2	100	75
Arm	1	115	80
Bucket	1	100	70
TAB	1	140	75

SERVICE CAPACITIES

Fuel tank	Litres	260
Engine coolant	Litres	19.7
Engine oil	Litres	14
Swing reduction gear	Litres	2.2
Track reduction gear (each side)	Litres	3.5
Hydraulic system	Litres	126
Hydraulic tank	Litres	133
DEF fluid	Litres	47.7

OPTIONAL BLADE



A	Blade height	mm	901
B	Blade lift above ground	mm	448
C	Blade cut below ground	mm	508
D	Blade forward of track	mm	412
	Dozer width – 500mm tracks	mm	2490
	Dozer width – 600mm tracks	mm	2610
	Dozer width – 700mm tracks	mm	2710
Additional machine weight with blade			
	500mm tracks	kg	806
	600mm tracks	kg	814
	700mm tracks	kg	821

SOUND LEVEL

Sound level in cab according to ISO 6396	67 dB LpA
External sound level according to ISO 6395 and EU Directive 2000/14/EC	100 dB LwA

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 type	Sealed and lubricated.					
Upper and lower rollers	Heat treated, sealed and lubricated.					
Track adjustment	Grease cylinder type.					
Track idler	Sealed and lubricated, with spring cushioned recoil.					
Track shoe options	500mm	600mm	700mm	800mm (HD only)	850mm	900mm (HD only)
	•▲■	•■	•	•	•	•
No. of upper rollers (per side)	2					
No. of lower rollers (per side)	7					
No. of track guides (per side)	1					
No. of track shoes (per side)	44 (43 on HD)					

TRIPLE GROUSER •
GEOGRIP ▲
RUBBER SHOES ■

WEIGHTS AND GROUND BEARING PRESSURES

Figures include standard 442kg bucket, operator, full fuel tank and 2.5m dipper.

		500mm shoes	600mm shoes	700mm shoes	800mm shoes	850mm shoes	900mm shoes
140X LC Monoboom							
Machine weight	kg	14521	14737	14952	-	15275	-
Ground bearing pressure	kg/cm²	0.51	0.43	0.37	-	0.31	-
150X LC Monoboom							
Machine weight	kg	15121	15337	15552	-	15875	-
Ground bearing pressure	kg/cm²	0.53	0.45	0.39	-	0.33	-
150X LC T.A.B.							
Machine weight	kg	15588	15803	16019	-	16342	-
Ground bearing pressure	kg/cm²	0.54	0.46	0.40	-	0.34	-
150X HD Monoboom							
Machine weight	kg	-	16684	16920	17159	-	17394
Ground bearing pressure	kg/cm²	-	0.45	0.39	0.35	-	0.31
150X HD T.A.B.							
Machine weight	kg	-	17151	17387	17625	-	17861
Ground bearing pressure	kg/cm²	-	0.46	0.40	0.36	-	0.32

BUCKET AND ARM COMBINATION																						**140X**
Bucket options		GP Bucket								HD Bucket						Ditch Maintenance		HD Bucket					
Bucket width	mm	450	600	700	800	900	1000	1250	1350	458	610	762	915	991	1219	1524	1836	600	700	800	1000	1200	1300
Bucket capacity	m^3	0.21	0.35	0.42	0.50	0.54	0.66	0.81	0.89	0.20	0.26	0.34	0.43	0.50	0.61	0.65	0.79	0.35	0.42	0.50	0.66	0.81	0.89
Bucket weight	kg	307	342	366	401	425	460	506	542	275	310	357	402	424	493	475	535	336	364	402	455	520	547
140X LC																							
2.5 m Quickhitch (No Quickhitch)		❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	■ (●)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	■ (■)	■ (●)
3.0 m Quickhitch (No Quickhitch)		❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	■ (●)	● (X)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	■ (●)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	■ (●)	● (X)
140X LCD																							
2.5 m Quickhitch (No Quickhitch)		❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	■ (■)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	■ (●)
3.0 m Quickhitch (No Quickhitch)		❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	■ (●)	● (●)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	■ (●)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	■ (●)	● (●)

❑ = Suitable for general excavating materials up to 1800kg/m^3.
■ = Suitable for grading and loading materials up to 1500kg/m^3.
● = Suitable for light excavating materials up to 1200kg/m^3.
X = Not recommended.

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.

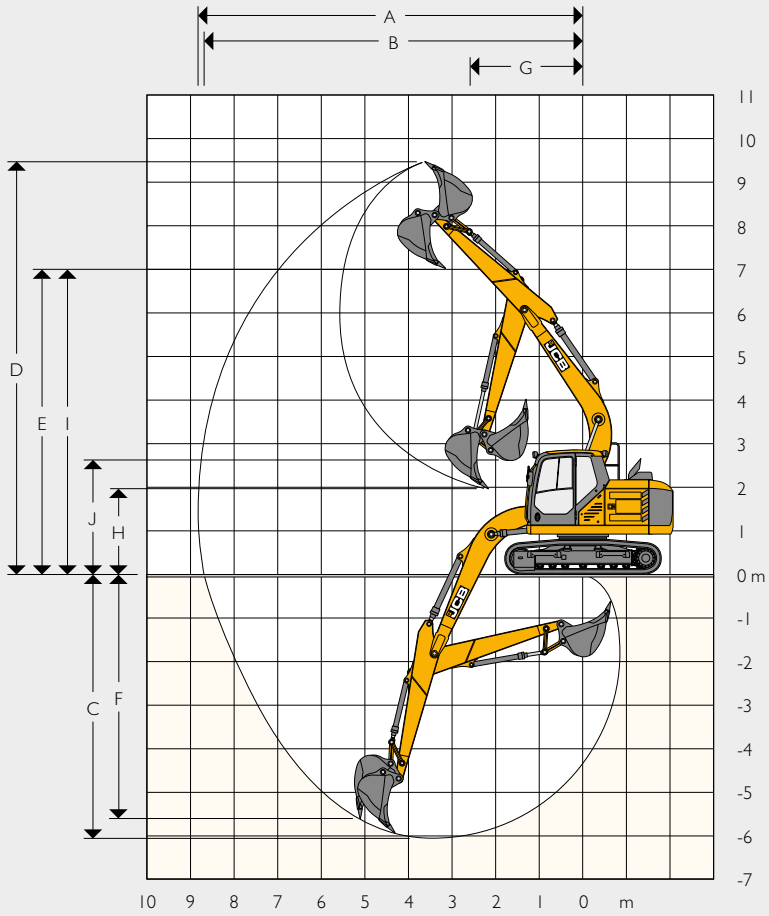
BUCKET AND ARM COMBINATION																							**150X**
Bucket options		GP Bucket								HD Bucket						Ditch Maintenance		HD Bucket					
Bucket width	mm	450	600	700	800	900	1000	1250	1350	458	610	762	915	991	1219	1524	1836	600	700	800	1000	1200	1300
Bucket capacity	m^3	0.21	0.35	0.42	0.50	0.54	0.66	0.81	0.89	0.20	0.26	0.34	0.43	0.50	0.61	0.65	0.79	0.35	0.42	0.50	0.66	0.81	0.89
Bucket weight	kg	307	342	366	401	425	460	506	542	275	310	357	402	424	493	475	535	336	364	402	455	520	547
150X LC																							
2.5 m Quickhitch (No Quickhitch)		❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	❑ (■)
3.0 m Quickhitch (No Quickhitch)		❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	■ (●)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	■ (●)
150X LCD																							
2.5 m Quickhitch (No Quickhitch)		❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	❑ (■)
3.0 m Quickhitch (No Quickhitch)		❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	■ (●)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	■ (●)
150X HD																							
2.5 m Quickhitch (No Quickhitch)		❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	❑ (■)
150X LC T.A.B.																							
2.5 m Quickhitch (No Quickhitch)		❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	■ (■)	■ (●)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	■ (■)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	■ (■)	■ (●)
3.0 m Quickhitch (No Quickhitch)		❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	■ (●)	● (X)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	❑ (■)	■ (●)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	■ (●)	● (X)
150X LCD T.A.B.																							
2.5 m Quickhitch (No Quickhitch)		❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	■ (●)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	■ (●)
3.0 m Quickhitch (No Quickhitch)		❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	■ (●)	● (●)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	■ (●)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	■ (●)	● (●)
150X HD T.A.B.																							
2.5 m Quickhitch (No Quickhitch)		❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (❑)	❑ (■)

❑ = Suitable for general excavating materials up to 1800kg/m^3.
■ = Suitable for light excavating materials up to 1500kg/m^3.
● = Suitable for grading and loading materials up to 1200kg/m^3.
X = Not recommended.

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

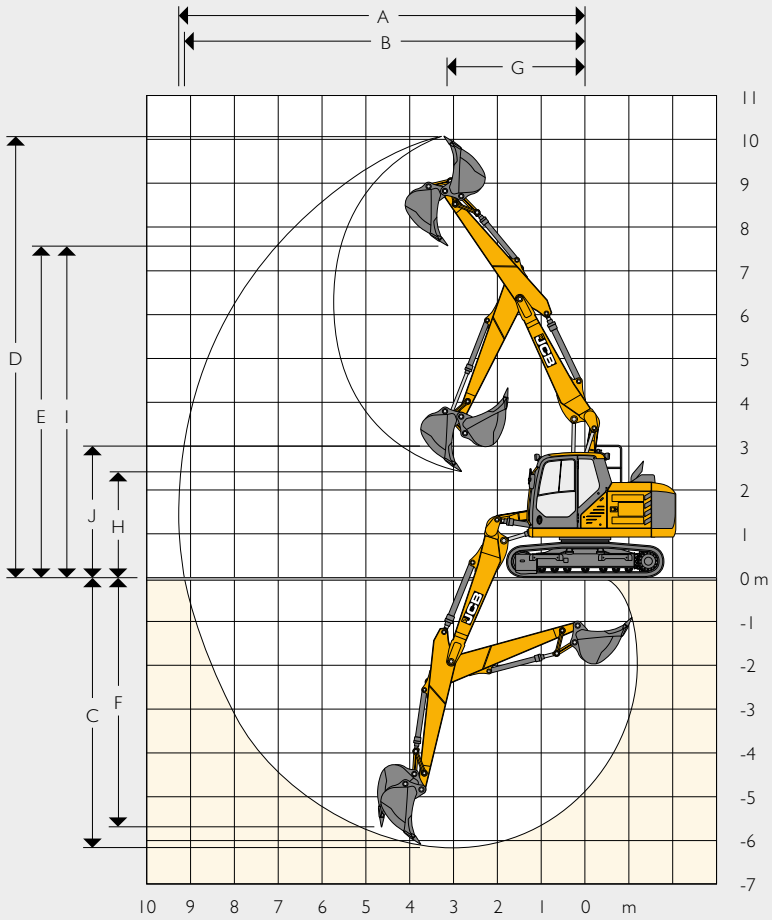
WORKING RANGE – MONOBOOM 4.7M				150X HD
Dipper length:			2.5m	3.0m
A	Maximum digging reach	mm	8385	8841
B	Maximum digging reach (on ground)	mm	8225	8689
C	Maximum digging depth	mm	5484	5983
D	Maximum digging height	mm	9240	9561
E	Maximum dumping height	mm	6764	7087
F	Maximum vertical wall cut depth	mm	5018	5512
G	Minimum swing radius	mm	2212	2575
H	Minimum dumping height	mm	2473	2055
I	Maximum swing height	mm	6787	7114
J	Minimum swing height	mm	3188	2710
	Maximum dipper tearout	Kgf	6587	5986
	Maximum bucket tearout	Kgf	10452	10452

WORKING RANGE – MONOBOOM 4.7M				140X LC AND 150X LC
Dipper length:			2.5m	3.0m
A	Maximum digging reach	mm	8385	8841
B	Maximum digging reach (on ground)	mm	8240	8704
C	Maximum digging depth	mm	5564	6063
D	Maximum digging height	mm	9164	9503
E	Maximum dumping height	mm	6684	7007
F	Maximum vertical wall cut depth	mm	5098	5592
G	Minimum swing radius	mm	2212	2575
H	Minimum dumping height	mm	2393	1975
I	Maximum swing height	mm	6707	7034
J	Minimum swing height	mm	3108	2630
	Maximum dipper tearout	Kgf	6587	5986
	Maximum bucket tearout	Kgf	10452	10452



WORKING RANGE – T.A.B 5.0M				**150X LC**
Dipper length:			**2.5m**	**3.0m**
A	Maximum digging reach	mm	8796	9271
B	Maximum digging reach (on ground)	mm	8659	9141
C	Maximum digging depth	mm	5824	6319
D	Maximum digging height	mm	9687	10064
E	Maximum dumping height	mm	7192	7568
F	Maximum vertical wall cut depth	mm	5204	5691
G	Minimum swing radius	mm	2731	3149
H	Minimum dumping height	mm	2778	2418
I	Maximum swing height	mm	7189	7566
J	Minimum swing height	mm	3405	2984
	Maximum dipper tearout	Kgf	6587	5986
	Maximum bucket tearout	Kgf	10452	10452

WORKING RANGE – T.A.B 5.0M				**150X HD**
Dipper length:			**2.5m**	**3.0m**
A	Maximum digging reach	mm	8796	9271
B	Maximum digging reach (on ground)	mm	8644	9127
C	Maximum digging depth	mm	5589	6080
D	Maximum digging height	mm	9764	10142
E	Maximum dumping height	mm	7272	7648
F	Maximum vertical wall cut depth	mm	5124	5611
G	Minimum swing radius	mm	2731	3149
H	Minimum dumping height	mm	2858	2498
I	Maximum swing height	mm	7269	7646
J	Minimum swing height	mm	3485	3064
	Maximum dipper tearout	Kgf	6587	5986
	Maximum bucket tearout	Kgf	10452	10452



LIFT CAPACITIES – DIPPER LENGTH: 2.5M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET											140X LC MONO
Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m	-	-	2780*	2780*	2970*	2970*	-	-	2350*	2350*	5491
4.5m	-	-	3160*	3160*	3070*	3070*	3070*	2690	2180*	2180*	6438
3m	5280*	5280*	4160*	4160*	3610*	3450	3310*	2620	2160*	2080	6942
1.5m	7570*	6840	5350*	4490	4280*	3270	3690*	2520	2270*	1970	7096
0m	7090*	6540	6100*	4270	4730	3130	3630	2440	2520*	2000	6927
– 1.5m	8250*	6500	6200*	4200	4660	3070	3590	2410	3030*	2210	6407
– 3m	7270*	6600	5580*	4250	4330*	3120	-	-	3780*	2800	5436

LIFT CAPACITIES – DIPPER LENGTH: 3.0M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET											140X LC MONO
Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m					2520*	2520*	2390*	2390*	2160*	2160*	6072
4.5m			2660*	2660*	2690*	2690*	2720*	2720*	2030*	2030*	6940
3m	4380*	4380*	3650*	3650*	3260*	3260*	3030*	2640	2020*	1880	7409
1.5m	6800*	6800*	4910*	4540	3990*	3290	3460*	2520	2120*	1780	7554
0m	7810*	6520	5840*	4260	4590*	3120	3610	2420	2330*	1800	7395
– 1.5m	8330*	6400	6160*	4140	4620	3030	3550	2360	2750*	1960	6911
– 3m	7670*	6460	5820*	4150	4580*	3030	3550*	2390	3530*	2380	6023

 Lift capacity front and rear.

 Lift capacity full circle.

Notes:

1. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
2. Lift capacities assume that the machine is on firm, level ground.
3. Lift capacities may be limited by local regulations. Please refer to your dealer.

LIFT CAPACITIES – DIPPER LENGTH: 2.5M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET											**140X LCD MONO**
Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m			2780*	2780*	2970*	2970*			2350*	2350*	5491
4.5m			3160*	3160*	3070*	3070*	3070*	2820	2180*	2180*	6438
3m	5280*	5280*	4160*	4160*	3610*	3610	3310*	2750	2160*	2160*	6942
1.5m	7570*	7160	5350*	4700	4280*	3430	3690*	2650	2270*	2070	7096
0m	7090*	6860	6100*	4480	4790*	3290	3830	2560	2520*	2100	6927
– 1.5m	8250*	6820	6200*	4410	4900	3230	3800	2530	3030*	2330	6407
– 3m	7270*	6920	5580*	4460	4330*	3270			3780*	2940	5436

LIFT CAPACITIES – DIPPER LENGTH: 3.0M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET											**140X LCD MONO**
Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m					2520*	2520*	2390*	2390*	2160*	2160*	6072
4.5m			2660*	2660*	2690*	2690*	2720*	2720*	2030*	2030*	6940
3m	4380*	4380*	3650*	3650*	3260*	3260*	3030*	2770	2020*	1970	7409
1.5m	6800*	6800*	4910*	4750	3990*	3440	3460*	2650	2120*	1870	7554
0m	7810*	6840	5840*	4470	4590*	3270	3810	2540	2330*	1890	7395
– 1.5m	8330*	6720	6160*	4350	4850*	3180	3750	2490	2750*	2060	6911
– 3m	7670*	6780	5820*	4360	4580*	3190	3550*	2520	3530*	2510	6023

 Lift capacity front and rear.

 Lift capacity full circle.

Notes:

1. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
2. Lift capacities assume that the machine is on firm, level ground.
3. Lift capacities may be limited by local regulations. Please refer to your dealer.

LIFT CAPACITIES – DIPPER LENGTH: 2.5M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET **150X LC MONO**

Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m			2780*	2780*	2970*	2970*			2350*	2350*	5491
4.5m			3160*	3160*	3070*	3070*	3070*	2960	2180*	2180*	6438
3m	5280*	5280*	4160*	4160*	3610*	3610*	3310*	2890	2160*	2160*	6942
1.5m	7570*	7520	5350*	4930	4280*	3600	3690*	2790	2270*	2180	7096
0m	7090*	7090*	6100*	4720	4790*	3470	3950	2700	2520*	2220	6927
– 1.5m	8250*	7180	6200*	4650	4900*	3410	3920	2670	3030*	2460	6407
– 3m	7270*	7270*	5580*	4690	4330*	3450			3780*	3100	5436

LIFT CAPACITIES – DIPPER LENGTH: 3.0M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET **150X LC MONO**

Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m					2520*	2520*	2390*	2390*	2160*	2160*	6072
4.5m			2660*	2660*	2690*	2690*	2720*	2720*	2030*	2030*	6940
3m	4380*	4380*	3650*	3650*	3260*	3260*	3030*	2910	2020*	2020*	7409
1.5m	6800*	6800*	4910*	4910*	3990*	3620	3460*	2790	2120*	1980	7554
0m	7810*	7200	5840*	4710	4590*	3450	3840*	2680	2330*	2000	7395
– 1.5m	8330*	7080	6160*	4590	4850*	3360	3870	2630	2750*	2180	6911
– 3m	7670*	7130	5820*	4600	4580*	3370	3550*	2660	3530*	2650	6023

 Lift capacity front and rear.

 Lift capacity full circle.

Notes:

1. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
2. Lift capacities assume that the machine is on firm, level ground.
3. Lift capacities may be limited by local regulations. Please refer to your dealer.

LIFT CAPACITIES – DIPPER LENGTH: 2.5M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET											**150X LCD MONO**
Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m			2780*	2780*	2970*	2970*			2350*	2350*	5491
4.5m			3160*	3160*	3070*	3070*	3070*	3070*	2180*	2180*	6438
3m	5280*	5280*	4160*	4160*	3610*	3610*	3310*	3010	2160*	2160*	6942
1.5m	7570*	7570*	5350*	5140	4280*	3760	3690*	2910	2270*	2270*	7096
0m	7090*	7090*	6100*	4930	4790*	3620	3990*	2830	2520*	2330	6927
– 1.5m	8250*	7500	6200*	4860	4900*	3560	3980*	2800	3030*	2570	6407
– 3m	7270*	7270*	5580*	4900	4330*	3610			3780*	3240	5436

LIFT CAPACITIES – DIPPER LENGTH: 3.0M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET											**150X LCD MONO**
Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m					2520*	2520*	2390*	2390*	2160*	2160*	6072
4.5m			2660*	2660*	2690*	2690*	2720*	2720*	2030*	2030*	6940
3m	4380*	4380*	3650*	3650*	3260*	3260*	3030*	3030	2020*	2020*	7409
1.5m	6800*	6800*	4910*	4910*	3990*	3780	3460*	2910	2120*	2070	7554
0m	7810*	7520	5840*	4920	4590*	3610	3840*	2810	2330*	2100	7395
– 1.5m	8330*	7400	6160*	4800	4850*	3520	3980*	2750	2750*	2290	6911
– 3m	7670*	7450	5820*	4810	4580*	3520	3550*	2780	3530*	2770	6023

 Lift capacity front and rear.

 Lift capacity full circle.

Notes:

1. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
2. Lift capacities assume that the machine is on firm, level ground.
3. Lift capacities may be limited by local regulations. Please refer to your dealer.

LIFT CAPACITIES – DIPPER LENGTH: 2.5M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET											150X HD MONO
Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m			2780*	2780*	2970*	2970*			2350*	2350*	5491
4.5m			3160*	3160*	3070*	3070*	3070*	3070*	2180*	2180*	6438
3m	5280*	5280*	4160*	4160*	3610	3610*	3310*	3310*	2160*	2160*	6942
1.5m	7570*	7570*	5350*	5350*	4280*	4280*	3690*	3420	2270*	2270*	7096
0m	7090*	7090*	6100*	5880	4790*	4280	3990*	3330	2520*	2520*	6927
– 1.5m	8250*	8250*	6200*	5800	4900*	4220	3980*	3300	3030*	3030	6407
– 3m	7270*	7270*	5580*	5580*	4330*	4270			3780*	3780*	5436

LIFT CAPACITIES – DIPPER LENGTH: 3.0M, MONOBOOM: 4.7M, TRACKSHOES: 500MM, NO BUCKET											150X HD MONO
Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m					2520*	2520*	2390*	2390*	2160*	2160*	6072
4.5m			2660*	2660*	2690*	2690*	2720*	2720*	2030*	2030*	6940
3m	4380*	4380*	3650*	3650*	3260*	3260*	3030*	3030*	2020*	2020*	7409
1.5m	6800*	6800*	4910*	4910*	3990*	3990*	3460*	3420	2120*	2120*	7554
0m	7810*	7810*	5840*	5840*	4590*	4270	3840*	3310	2330*	2330*	7395
– 1.5m	8330*	8330*	6160*	5740	4850*	4180	3980*	3260	2750*	2700	6911
– 3m	7670*	7670*	5820*	5760	4580*	4180	3550*	3290	3530*	3270	6023

 Lift capacity front and rear.

 Lift capacity full circle.

Notes:

1. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
2. Lift capacities assume that the machine is on firm, level ground.
3. Lift capacities may be limited by local regulations. Please refer to your dealer.

LIFT CAPACITIES – DIPPER LENGTH: 2.5M, T.A.B.: 5.0M, TRACKSHOES: 500MM, NO BUCKET											**150X LC T.A.B.**
Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m			2810*	2810*	2840*	2840*			2510*	2510*	5994
4.5m			3270*	3270*	3040*	3040*	2910*	2910*	2300*	2300*	6871
3m			4240*	4240*	3570*	3570*	3190*	2830	2240*	2050	7345
1.5m			5310*	4770	4180*	3490	3550*	2700	2300*	1950	7491
0m			5900*	4350	4610*	3330	3820*	2600	2470*	1980	7331
– 1.5m	7410*	6920	5920*	4470	4690*	3270	3830*	2560	2830*	2170	6842
– 3m	6850*	6850*	5340*	4530	4230*	3310			3190*	2670	5943

LIFT CAPACITIES – DIPPER LENGTH: 3.0M, T.A.B.: 5.0M, TRACKSHOES: 500MM, NO BUCKET											**150X LC T.A.B.**
Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m					2470*	2470*	2570*	2570*	2280*	2280*	6580
4.5m			2830	2830	2710*	2710*	2630*	2630*	2120	2070	7388
3m			3780	3780	3250*	3250*	2940*	2860	2070*	1850	7830
1.5m			4910	4830	3910*	3520	3340*	2710	2130*	1760	7967
0m			5680	4520	4440*	3320	3680*	2580	2280*	1780	7817
– 1.5m	6900	6800	5900	4400	4640*	3220	3780	2520	2570*	1930	7361
– 3m	7240	6880	5550	4420	4400*	3230	3520*	2540	2990*	2290	6535

 Lift capacity front and rear.

 Lift capacity full circle.

Notes:

1. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
2. Lift capacities assume that the machine is on firm, level ground.
3. Lift capacities may be limited by local regulations. Please refer to your dealer.

LIFT CAPACITIES – DIPPER LENGTH: 2.5M, T.A.B.: 4.7M, TRACKSHOES: 500MM, NO BUCKET **150X LCD T.A.B.**

Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m			2810*	2810*	2840*	2840*			2510*	2510*	5994
4.5m			3270*	3270*	3040*	3040*	2910*	2910*	2300*	2300*	6871
3m			4240*	4240*	3570*	3570*	3190*	2960	2240*	2150	7345
1.5m			5310*	4980	4180*	3650	3550*	2830	2300*	2040	7491
0m			5900*	4740	4610*	3490	3820*	2730	2470*	2080	7331
– 1.5m	7410*	7240	5920*	4680	4690*	3430	3840*	2690	2830*	2280	6842
– 3m	6850*	6850*	5340*	4740	4230*	3470			3190*	2800	5943

LIFT CAPACITIES – DIPPER LENGTH: 3.0M, T.A.B.: 4.7M, TRACKSHOES: 500MM, NO BUCKET **150X LCD T.A.B.**

Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m					2470*	2470*	2570*	2570*	2280*	2280*	6580
4.5m			2830*	2830*	2710*	2710*	2630*	2630*	2120*	2120*	7388
3m			3780*	3780*	3250*	3250*	2940*	2940*	2070*	1940	7830
1.5m			4910*	4910*	3910*	3680	3340*	2840	2130*	1850	7967
0m			5680*	4730	4440*	3480	3680*	2710	2280*	1870	7817
– 1.5m	6900*	6900*	5900*	4610	4640*	3380	3810*	2640	2570*	2030	7361
– 3m	7240*	7200	5550*	4630	4400*	3390	3520*	2660	2990*	2410	6535

 Lift capacity front and rear.

 Lift capacity full circle.

Notes:

1. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
2. Lift capacities assume that the machine is on firm, level ground.
3. Lift capacities may be limited by local regulations. Please refer to your dealer.

LIFT CAPACITIES – DIPPER LENGTH: 2.5M, T.A.B.: 4.7M, TRACKSHOES: 500MM, NO BUCKET **150X HD T.A.B.**

Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m			3060*	3060*	3210*	3210*			2390*	2390*	5508
4.5m			3440*	3440*	3300*	3300*	3250*	3250*	2210*	2210*	6453
3m	5640*	5640*	4440*	4440*	3830*	3830*	3490*	3400	2190*	2190*	6955
1.5m	7870*	7870*	5590*	5590*	4480*	4220	3850*	3270	2280*	2280*	7110
0m	6980*	6980*	6280*	5470	4940*	4030	4110*	3150	2520*	2520*	6941
– 1.5m	8350*	8130	6310*	5310	4990*	3920	4060*	3070	3020*	2810	6422
– 3m	7270*	7270*	5610*	5270	4360*	3880			3770*	3470	5453

LIFT CAPACITIES – DIPPER LENGTH: 3.0M, T.A.B.: 4.7M, TRACKSHOES: 500MM, NO BUCKET **150X HD T.A.B.**

Reach	3m		4m		5m		6m		Capacity at Max. Reach		
											
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
6m					2740*	2740*	2440*	2440*	2180*	2180*	6081
4.5m			2930*	2930*	2920*	2920*	2910*	2910*	2040*	2040*	6948
3m	4740*	4740*	3930*	3930*	3480*	3480*	3210*	3210*	2040*	2040*	7416
1.5m	7140*	7140*	5170*	5170*	4190*	4190*	3630*	3630	2130*	2130*	7561
0m	7760*	7760*	6050*	5490	4760*	4040	3970*	3150	2330*	2330	7403
– 1.5m	8480*	8100	6300*	5290	4970*	3890	4070*	3040	2750*	2510	6919
– 3m	7720*	7720*	5880*	5210	4630*	3830	3580*	3010	3540*	2990	6032

 Lift capacity front and rear.

 Lift capacity full circle.

Notes:

1. Lifting capacities are based on ISO 10567, that is: 75% of minimum tipping load or 87% of hydraulic lift capacity, whichever is the less. Lifting capacities marked* are based on hydraulic capacity.
2. Lift capacities assume that the machine is on firm, level ground.
3. Lift capacities may be limited by local regulations. Please refer to your dealer.


JCB
JCB
JCB
140X LC



ONE COMPANY, OVER 300 MACHINES.

Your nearest JCB dealer

31728 en-GB 01/25 Issue 4

TRACKED EXCAVATORS 140X, 150X

Max engine power: 81kW (109hp) Max operating weight: 15,275kg Max bucket capacity: 0.89m^3

JCB Sales Limited, Rocester, Staffordshire, United Kingdom ST14 5JP.
Tel: +44 (0)1889 590312 Email: salesinfo@jcb.com

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

©2024 JCB Sales. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any other means, electronic, mechanical, photocopying or otherwise, without prior permission from JCB Sales. All references in this publication to operating weights, sizes, capacities and other performance measurements are provided for guidance only and may vary dependant upon the exact specification of machine. They should not therefore be relied upon in relation to suitability for a particular application. Guidance and advice should always be sought from your JCB Dealer. JCB reserves the right to change specifications without notice. Illustrations and specifications shown may include optional equipment and accessories. All images are correct at time of print. The JCB logo is a registered trademark of J C Bamford Excavators Ltd.