

**SPECIFICATION**



**520X TRACKED EXCAVATORS**

**X-PECT MORE**



# 520X-PECT MORE

Using our long experience in excavator design we worked with owners and users to develop the best 50 Tonne class machine on the market. Every element of our new machines is designed to deliver exceptional performance, efficiency, safety, comfort and reliability, so you can count on us to get the job done, every time.



## X-PECT MORE EFFICIENCY

The latest generation, Japanese hydraulic system has been tuned for maximum efficiency, featuring regenerative hydraulics and a hydraulically driven cooling system with reverse fan as standard.

## X-PECT MORE STRENGTH

The 520X has undergone an extensive testing programme, delivering our heaviest-duty undercarriage and dig-end structure for ultimate strength and reliability in extreme climates and tough applications.



## X-PECT MORE PERFORMANCE

A powerful Cummins X12 engine, dual slew motor system and high-capacity buckets deliver outstanding cycle times. The optional, variable undercarriage and removable counterweight make the 520X easier to transport to harsh working environments.



## X-PECT MORE CONTROL

Benefit from a 10" touchscreen display with world-class user interface design and fully customisable joystick controls. The capacity to store 15 different hydraulic attachments and tailor flows and pressures to optimise machine and attachment performance.



## X-PECT MORE COMFORT

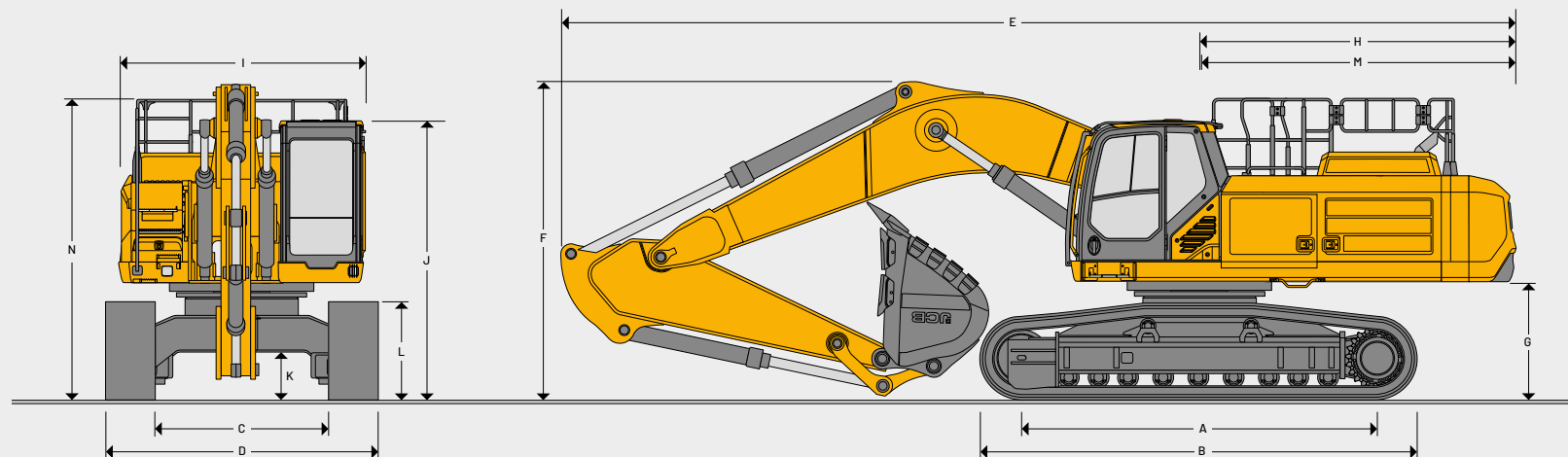
Along with the largest cab in its class and the lowest internal cab noise, a heated and ventilated seat as standard and fully adjustable seat and controls keep operators comfortable through the full shift.

# JCBUX

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



Model		520X FG - Fixed Gauge	520X FV - Variable Gauge		
A	Track length on ground	mm	4370	4370	
B	Undercarriage overall length	mm	5368	5368	
C	Track Gauge - Extended	mm	2740	2890	
	Track Gauge - Retracted	mm	NA	2390	
D	Width over tracks (600mm trackshoes)	mm	3340	2990	
D	Width over tracks (700mm trackshoes)	mm	3440	3090	
D	Width over tracks (800mm trackshoes)	mm	3540	3190	
D	Width over tracks (900mm trackshoes)	mm	3640	3290	
G	Counterweight clearance	mm	1381	1381	
H	Tail length	mm	3881	3881	
I	Overall width of superstructure	mm	3273	3273	
I	Overall width of superstructure with side platform	mm	3520	3520	
J	Height over cab	mm	3419	3419	
K	Ground clearance	mm	566	724	
L	Track height	mm	1153	1181	
M	Tail swing radius	mm	3919	3919	
N	Overall height of upper structure (height over grab rail)	mm	3670	3670	
<b>Boom option</b>		<b>Mono 6.5m</b>			
<b>Dipper lengths</b>		<b>2.55m - ME - Mass Excavation</b>	<b>3.0m - ME - Mass Excavation</b>		
E	Transport length	mm	11796	11726	
F	Transport height	mm	4106	4037	
<b>Boom option</b>		<b>6.9m</b>			
<b>Arm lengths</b>		<b>3.0m</b>	<b>3.3m</b>	<b>3.9m</b>	
E	Transport length	mm	12177	12109	12103
F	Transport height	mm	3919	3830	3871

Bucket used for Static Dimensions: 3.4cum bucket - hd 404/V3551

## 520X TRACKED EXCAVATORS

ENGINE	
Model	Cummins X12 Tier 4 Final / Stage V
Type	4 stroke, 6 cylinder in-line, direct injection, turbocharged diesel
Rated Power (net) - Engine	289kW(387hp) @ 1400 rpm
Rated Power (net) - Machine	289kW(387hp) @ 1400 rpm
Rated Power (gross) - Engine (ISO 14396)	298 kW (400 hp) @1800 rpm
Rated Power (gross) - Engine (SAE J1995)	298 kW (400 hp) @1800 rpm
Piston displacement	11.8 litres
Air filtration	Dry element with in cab warning indicator
Starting system	24 volt
Batteries	2 x 12 volt, 1000 CCA
Alternator	24 volt - 120 ampere
Maximum torque	1969 Nm @ 1400 rpm

SWING SYSTEM	
Swing motor	Axial piston type
Swing brake	Hydraulic braking plus automatic spring applied disc type parking brake
Swing torque	173kNm
Swing speed	9.2rpm
Swing gear	Large diameter, internally toothed fully sealed grease bath lubricated
Swing lock	Switchable brake in cab

UNDERCARRIAGE						
Carriage options	FG - Fixed Gauge VG - Variable Gauge					
Construction	Fully welded 'X' frame type with central belly guarding and sloping side members with dirt relief holes under top rollers					
Recovery point	Front and rear					
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					
Track shoe options	<b>600mm Double Grouser HD</b>	<b>700mm Double Grouser HD</b>	<b>600mm Triple Grouser HD</b>	<b>700mm Triple Grouser HD</b>	<b>800mm Triple Grouser HD</b>	<b>900mm Triple Grouser HD</b>
	FG / VG	FG / VG	FG / VG	FG / VG	FG / VG	FG / VG
			<b>600mm Triple Grouser</b>	<b>700mm Triple Grouser</b>	<b>800mm Triple Grouser</b>	<b>900mm Triple Grouser</b>
			FG / VG	FG / VG	FG / VG	FG / VG
	Fixed Gauge			Variable Gauge		
No. of upper rollers (per side)	2			3		
No. of lower rollers (per side)	9			9		
No. of track guides (per side)	3			3		
No. of track shoes (per side)	49			49		

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°) continuous	
Travel speed	km/h	High - 5.1 Low - 3.1
Tractive effort	kN	378.7

HYDRAULIC SYSTEM		
<b>Pumps</b>		
Main pumps	2 variable displacement axial piston type	
Maximum flow	l/min	2 x 404
Servo pump	Gear type	
Maximum flow	l/min	27
<b>Control valve</b>		
A combined four and five spool control valve with auxiliary service spool as standard		
<b>Relief valve settings</b>		
Boom/Arm/Bucket	bar	343
With power boost	bar	363
Swing circuit	bar	315
Travel circuit	bar	324
Pilot control	bar	40
<b>Filtration</b>		
In tank	105 micron, suction strainer	
Main return line	10 micron, glass fibre element	
Pilot line	10 micron, glass fibre element	
Hydraulic hammer return	5 micron, reinforced microform element	

Hydraulic cylinders	Quantity	Bore mm	Rod diameter mm
Boom	2	170	115
Arm	1	190	130
Arm - ME	1	190	130
Bucket	1	160	120
Bucket - ME	1	170	120

SERVICE CAPACITIES		
Fuel tank	litres	657
Engine coolant	litres	46
Engine oil	litres	33
Swing reduction gear	litres	2x 6
Track reduction gear (each side)	litres	2x 9
Hydraulic system	litres	450
Hydraulic tank	litres	220
DEF fluid	litres	25

## 520X TRACKED EXCAVATORS

### WEIGHTS AND GROUND BEARING PRESSURES

Quick Coupler + 2.8m<sup>3</sup> HD bucket 2886 kg, operator 75kg, full fuel tank and 2.55m HD arm

		600mm HD Triple Grouser	700mm HD Triple Grouser	800mm HD Triple Grouser	900mm HD Triple Grouser	600mm HD Double Grouser	700mm HD Double Grouser
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#### 520X FG, Full track guide, ME boom

Machine weight	kg	55243	55813	56390	56961	55113	55663
Ground bearing pressure	kg/cm <sup>2</sup>	1.05	0.91	0.81	0.72	1.05	0.91

#### 520X VG, Full track guide, ME boom

Machine weight	kg	56729	57299	57875	58446	56599	57149
Ground bearing pressure	kg/cm <sup>2</sup>	1.08	0.94	0.83	0.74	1.08	0.93

QH + 2.8m<sup>3</sup> HD bucket 2886 kg, operator 75kg, full fuel tank and 3.0m HD arm

		600mm HD Triple Grouser	700mm HD Triple Grouser	800mm HD Triple Grouser	900mm HD Triple Grouser	600mm HD Double Grouser	700mm HD Double Grouser
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#### 520X FG, Full track guide, ME boom

Machine weight	kg	55458	56028	56604	57176	55328	55878
Ground bearing pressure	kg/cm <sup>2</sup>	1.06	0.92	0.81	0.73	1.06	0.91

#### 520X VG, Full track guide, ME boom

Machine weight	kg	56943	57514	58090	58661	56813	57364
Ground bearing pressure	kg/cm <sup>2</sup>	1.09	0.94	0.83	0.75	1.08	0.94

QH + 2.8m<sup>3</sup> HD bucket 2886 kg, operator 75kg, full fuel tank and 3.0m LITE arm

		600mm HD Triple Grouser	700mm HD Triple Grouser	800mm HD Triple Grouser	900mm HD Triple Grouser	600mm HD Double Grouser	700mm HD Double Grouser
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#### 520X FG, Full track guide, reach boom

Machine weight	kg	55112	55682	56258	56829	54982	55532
Ground bearing pressure	kg/cm <sup>2</sup>	1.05	0.91	0.81	0.72	1.05	0.91

#### 520X VG, Full track guide, reach boom

Machine weight	kg	56597	57168	57744	58315	56467	57018
Ground bearing pressure	kg/cm <sup>2</sup>	1.08	0.94	0.83	0.74	1.08	0.93

QH + 2.8m<sup>3</sup> HD bucket 2886 kg, operator 75kg, full fuel tank and 3.3m arm

		600mm HD Triple Grouser	700mm HD Triple Grouser	800mm HD Triple Grouser	900mm HD Triple Grouser	600mm HD Double Grouser	700mm HD Double Grouser
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#### 520X FG, Full track guide, reach boom

Machine weight	kg	55248	55819	56395	56966	55118	55669
Ground bearing pressure	kg/cm <sup>2</sup>	1.05	0.91	0.81	0.72	1.05	0.91

#### 520X VG, Full track guide, reach boom

Machine weight	kg	56734	57304	57880	58451	56604	57154
Ground bearing pressure	kg/cm <sup>2</sup>	1.08	0.94	0.83	0.74	1.08	0.93

QH + 2.8m<sup>3</sup> HD bucket 2886 kg, operator 75kg, full fuel tank and 3.9m arm

		600mm HD Triple Grouser	700mm HD Triple Grouser	800mm HD Triple Grouser	900mm HD Triple Grouser	600mm HD Double Grouser	700mm HD Double Grouser
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#### 520X FG, Full track guide, reach boom

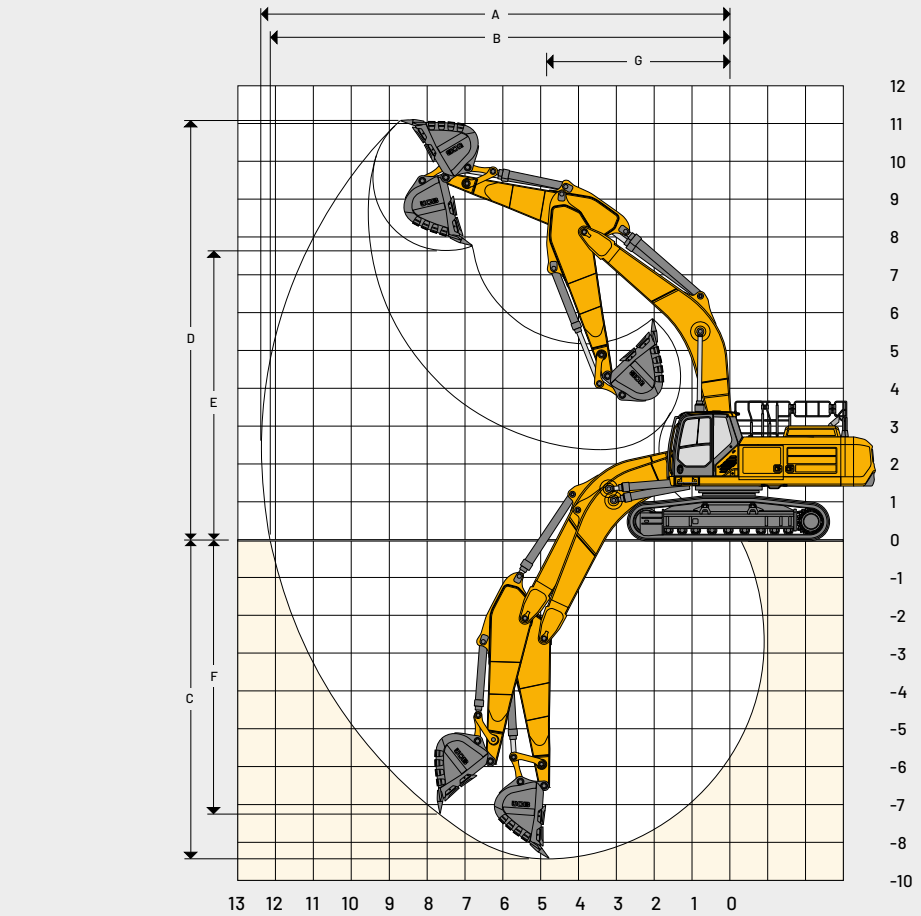
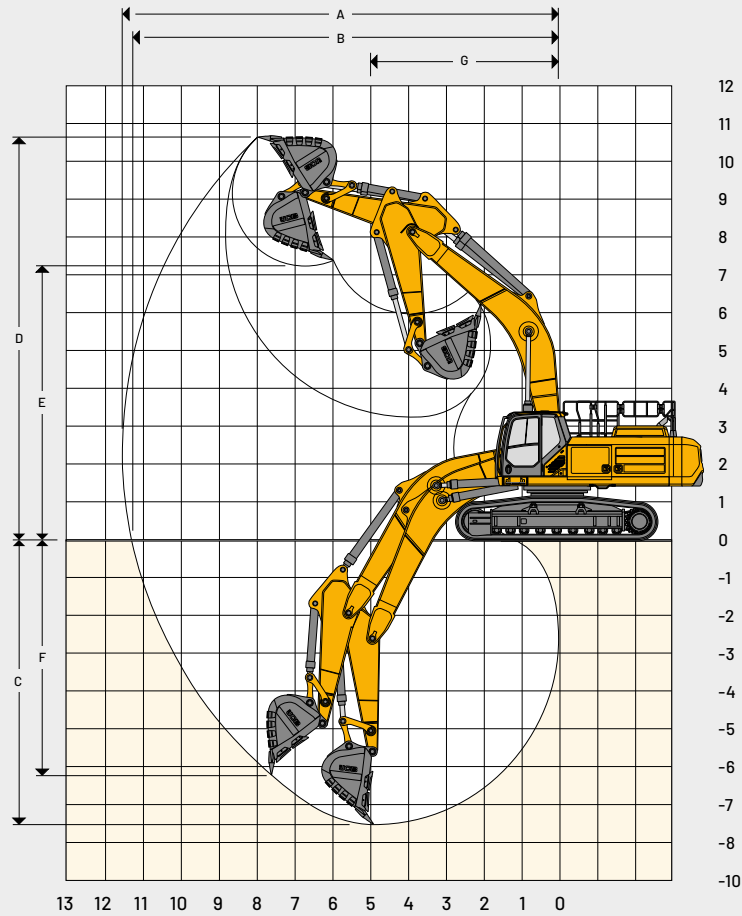
Machine weight	kg	55509	56079	56656	57227	55379	55929
Ground bearing pressure	kg/cm <sup>2</sup>	1.06	0.92	0.81	0.73	1.06	0.91

#### 520X VG, Full track guide, reach boom

Machine weight	kg	56995	57565	58141	58712	56865	57415
Ground bearing pressure	kg/cm <sup>2</sup>	1.09	0.94	0.83	0.75	1.09	0.94

Bucket used for weights - 2.8m<sup>3</sup> HD bucket (LEGISLATED) - (980/B5001 - GA - 50T HD BUCKET 1900mm)

## 520X TRACKED EXCAVATORS



### WORKING RANGE


Boom length and style		Monoboomb 6.9m Mass Excavation		
Bucket		3.1 Cu.M- HD 404/B6067 (1938mm)		
Arm length		2.55m	3.0m HD	
A	Maximum digging reach (mm)	mm	10923	11353
B	Maximum digging reach (on ground)	mm	10691	11093
C	Maximum digging depth	mm	6801	7251
D	Maximum digging height	mm	10926	11169
E	Maximum dumping height	mm	7293	7537
F	Maximum vertical wall cut depth	mm	6170	6609
G	Minimum swing radius	mm	4776	4858
H	Minimum dumping height	mm	3412	2939
	Bucket rotation	degrees	164	164
	Maximum dipper tearout	kN	278.8	242
	Maximum bucket tearout	kN	318.3	318.3

### WORKING RANGE

Boom length and style		Monoboomb 6.9m			
Bucket		3.1 Cu.M- HD 404/B6067 (1938mm)			
Arm length		3.0m Lite	3.3m	3.9m	
A	Maximum digging reach (mm)	mm	11498	10962	12359
B	Maximum digging reach (on ground)	mm	11248	11575	12121
C	Maximum digging depth	mm	7540	7840	8440
D	Maximum digging height	mm	10706	10962	11147
E	Maximum dumping height	mm	7287	7500	7687
F	Maximum vertical wall cut depth	mm	6239	6719	7250
G	Minimum swing radius	mm	4969	4952	4833
H	Minimum dumping height	mm	3275	2975	2430
	Bucket rotation	degrees	162	162	163
	Maximum dipper tearout	kN	257.1	235	207.9
	Maximum bucket tearout	kN	282	282	282

520X TRACKED EXCAVATORS

3.0M ARM, 6.9M BOOM, FG, 600MM SHOE, NO BUCKET																		
Reach	1.5m		3m		4.5m		6m		7.5m		9m		10m		Capacity at Max. Reach			
																		
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm	
9m																11731*	11731*	6796
7.5m									11355*	11355*						11395*	10588	8030
6m									11820*	11662						11372*	8863	8840
4.5m					19956*	19956*	15118*	15118*	12827*	11181	11647*	8412				11512*	7909	9339
3m							17373*	14576	14023*	10645	12206*	8148				11763*	7403	9577
1.5m							19125*	13794	15073*	10183	12724	7899				11620	7233	9573
0m					24614*	20276	19968*	13369	15695*	9881	12547	7739				11935	7383	9327
-1.5m			18660*	18660*	26183*	20333	19840*	13247	15663*	9771						12891	7931	8819
-3m			31661*	31661*	24101*	20628	18640*	13379	14607*	9889						13354*	9133	7997
-4.5m			26270*	26270*	20379*	20379*	15749*	13814								13514*	11824	6746
-6																		

3.0M ARM, 6.9M BOOM, VG, 600MM SHOE, NO BUCKET																		
Reach	1.5m		3m		4.5m		6m		7.5m		9m		10m		Capacity at Max. Reach			
																		
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm	
9m																11731*	11731*	6796
7.5m									11355*	11355*						11395*	11395*	8030
6m									11820*	11820*						11372*	9578	8840
4.5m					19956*	19956*	15118*	15118*	12827*	12086	11647*	9107				11512*	8568	9339
3m							17373*	15843	14023*	11542	12206*	8840				11763*	8039	9577
1.5m							19125*	15048	15073*	11075	12740*	8589				11973	7867	9573
0m					24614*	22333	19968*	14616	15695*	10769	12930	8427				12301	8038	9327
-1.5m			18660*	18660*	26183*	22392	19840*	14492	15663*	10658						12940*	8638	8819
-3m			31661*	31661*	24101*	22694	18640*	14626	14607*	10777						13354*	9944	7997
-4.5m			26270*	26270*	20379*	20379*	15749*	15068								13514*	12869	6746
-6																		



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.

520X TRACKED EXCAVATORS

3.3M ARM, 6.9M BOOM, FG, 600MM SHOE, NO BUCKET																		
Reach	1.5m		3m		4.5m		6m		7.5m		9m		10m		Capacity at Max. Reach			
																		
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm	
9m																11118*	11118*	7242
7.5m									10785*	10785*						10863*	9827	8410
6m									11332*	11332*	10858*	8638				10705*	8322	9186
4.5m					18831*	18831*	14504*	14504*	12385*	11226	11253*	8426				10870*	7467	9668
3m					23643*	22011	16822*	14668	13635*	10663	11882*	8135				11197	7007	9897
1.5m					21525*	20625	18714*	13818	14765*	10167	12491*	7860				11023	6846	9894
0m					24901*	20171	19747*	13321	15498*	9826	12477	7667				11293	6971	9656
-1.5m			17866*	17866*	26446*	20149	19825*	13142	15618*	9676	12422	7616				12120	7446	9166
-3m			28728*	28728*	24628*	20396	18869*	13224	14831*	9740						12760*	8473	8379
-4.5m			28099*	28099*	21281*	20934	16420*	13589								12984*	10672	7196
-6					14908*	14908*										12354*	12354*	5329

3.3M ARM, 6.9M BOOM, VG, 600MM SHOE, NO BUCKET																		
Reach	1.5m		3m		4.5m		6m		7.5m		9m		10m		Capacity at Max. Reach			
																		
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm	
9m																11118*	11118*	7242
7.5m									10785*	10785*						10863*	10477	8410
6m									11332*	11332*	10858*	9226				10705*	8892	9186
4.5m					18831*	18831*	14504*	14504*	12385*	11994	11253*	9011				10870*	7995	9668
3m					23643*	23643*	16822*	15753	13635*	11424	11882*	8717				11245*	7516	9897
1.5m					21525*	21525*	18714*	14889	14765*	10922	12491*	8439				11362	7354	9894
0m					24901*	21948	19747*	14384	15498*	10576	12854*	8244				11643	7495	9656
-1.5m			17866*	17866*	26446*	21926	19825*	14201	15618*	10424	12668*	8193				12356*	8009	9166
-3m			28728*	28728*	24628*	22179	18869*	14284	14831*	10490						12760*	9112	8379
-4.5m			28099*	28099*	21281*	21281*	16420*	14656								12984*	11474	7196
-6					14908*	14908*										12354*	12354*	5329



Lift capacity front and rear.



Lift capacity full circle.

Notes:

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520X TRACKED EXCAVATORS

3.9M ARM, 6.9M BOOM, FG, 600MM SHOE, NO BUCKET

Reach	1.5m		3m		4.5m		6m		7.5m		9m		10m		Capacity at Max. Reach			
																	mm	
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm	
9m																9084*	9084*	7963
7.5m											8926*	8832				8644*	8644*	9037
6m									10349*	10349*	9934*	8734				8528*	7526	9762
4.5m							13229*	13229*	11471*	11337	10477*	8462	10123*	7066		8652*	6797	10216
3m					21512*	21512*	15655*	14885	12816*	10724	11216*	8125	10544*	6862		9002*	6389	10433
1.5m					25166*	20890	17800*	13905	14091*	10159	11952*	7799	10773	6652		9616*	6232	10430
0m					26711*	20071	19188*	13263	15028*	9740	12365	7547	10605	6498		10300	6315	10205
-1.5m	12472*	12472*	17301*	17301*	26681*	19846	19660*	12960	15423*	9508	12223	7418				10944	6681	9743
-3m	19454*	19454*	25524*	25524*	25426*	19971	19156*	12939	15059*	9481	11929*	7478				11912*	7470	9008
-4.5m	27509*	27509*	31326*	31326*	22779*	20394	17407*	13185	13409*	9712						12308*	9073	7921
-6			23825*	23825*	17865*	17865*	13270*	13270*								12324*	12324*	6299

3.9M ARM, 6.9M BOOM, VG, 600MM SHOE, NO BUCKET

Reach	1.5m		3m		4.5m		6m		7.5m		9m		10m		Capacity at Max. Reach			
																	mm	
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm	
9m																9084*	9084*	7963
7.5m											8926*	8926*				8644*	8644*	9037
6m									10349*	10349*	9934*	9434				8528*	8151	9762
4.5m							13229*	13229*	11471*	11471*	10477*	9160	10123*	7669		8652*	7383	10216
3m					21512*	21512*	15655*	15655*	12816*	11627	11216*	8820	10544*	7463		9002*	6957	10433
1.5m					25166*	22970	17800*	15165	14091*	11055	11952*	8490	10993*	7252		9616*	6799	10430
0m					26711*	22130	19188*	14513	15028*	10630	12493*	8236	10939	7096		10597*	6897	10205
-1.5m	12472*	12472*	17301*	17301*	26681*	21899	19660*	14205	15423*	10395	12607	8106				11290	7299	9743
-3m	19454*	19454*	25524*	25524*	25426*	22027	19156*	14183	15059*	10368	11929*	8166				11912*	8158	9008
-4.5m	27509*	27509*	31326*	31326*	22779*	22461	17407*	14434	13409*	10602						12308*	9896	7921
-6			23825*	23825*	17865*	17865*	13270*	13270*								12324*	12324*	6299



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.

520X TRACKED EXCAVATORS

2.55M HD ARM, 6.5M ME BOOM, FG, 600MM SHOE, NO BUCKET

Reach	1.5m		3m		4.5m		6m		7.5m		9m		10m		Capacity at Max. Reach			
																		
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm	
9m																13759*	13759*	5938
7.5m																12955*	12020	7321
6m							13854*	13854*	12765*	11472						12661*	9811	8203
4.5m					20517*	20517*	15713*	15522	13512*	11085						12524*	8663	8740
3m							17829*	14564	14548*	10611						12801*	8093	8994
1.5m							19457*	13845	15456*	10205						12786	7939	8989
0m					27225*	20495	20139*	13478	15889*	9963						13254	8185	8727
-1.5m					25917*	20607	19730*	13423	15472*	9942						13690*	8953	8180
-3m			30051*	30051*	23229*	21000	17898*	13670								13724*	10658	7285
-4.5m						18010*										12907*	12907*	5881
-6																		

2.55M HD ARM, 6.5M ME BOOM, VG, 600MM SHOE, NO BUCKET

Reach	1.5m		3m		4.5m		6m		7.5m		9m		10m		Capacity at Max. Reach			
																		
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm	
9m																13759*	13759*	5938
7.5m																12955*	12955*	7321
6m							13854*	13854*	12765*	12382						12661*	10605	8203
4.5m					20517*	20517*	15713*	15713*	13512*	11989						12524*	9387	8740
3m							17829*	15833	14548*	11510						12801*	8786	8994
1.5m							19457*	15102	15456*	11099						13149*	8630	8989
0m					27225*	22560	20139*	14728	15889*	10854						13437*	8905	8727
-1.5m					25917*	22675	19730*	14672	15472*	10833						13690*	9741	8180
-3m			30051*	30051*	23229*	23078	17898*	14923								13724*	11591	7285
-4.5m					18010*	18010*										12907*	12907*	5881
-6																		



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.

520X TRACKED EXCAVATORS

3.0M HD ARM, 6.5M ME BOOM, FG, 600MM SHOE, NO BUCKET

Reach	1.5m		3m		4.5m		6m		7.5m		9m		10m		Capacity at Max. Reach			
																		
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm	
9m																9984*	9984*	6578
7.5m									11791*	11744						8972*	8972*	7847
6m									11941*	11576						8536*	8536*	8675
4.5m					18861*	18861*	14786*	14786*	12813*	11140	11910*	8283				8431*	7987	9183
3m					23560*	22164	17009*	14672	13953*	10620	12331*	8061				8589*	7484	9425
1.5m					26508*	20774	18856*	13851	15000*	10158	12682	7837				9019*	7335	9421
0m					27193*	20302	19839*	13377	15631*	9852	12540	7708				9807*	7527	9171
-1.5m			20658*	20658*	26379*	20297	19780*	13231	15540*	9754						11171*	8149	8653
-3m			32650*	32650*	24181*	20609	18451*	13385	14081*	9945						13041*	9493	7813
-4.5m			26168*	26168*	19874*	19874*	14771*	13950								12669*	12555	6526
-6																		

3.0M HD ARM, 6.5M ME BOOM, VG, 600MM SHOE, NO BUCKET

Reach	1.5m		3m		4.5m		6m		7.5m		9m		10m		Capacity at Max. Reach			
																		
Load Point Height	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm	
9m																9984*	9984*	6578
7.5m									11791*	11791*						8972*	8972*	7847
6m									11941*	11941*						8536*	8536*	8675
4.5m					18861*	18861*	14786*	14786*	12813*	12047	11910*	8979				8431*	8431*	9183
3m					23560*	23560*	17009*	15945	13953*	11521	12331*	8755				8589*	8135	9425
1.5m					26508*	22850	18856*	15110	15000*	11053	12785*	8528				9019*	7985	9421
0m					27193*	22366	19839*	14628	15631*	10743	12910*	8398				9807*	8200	9171
-1.5m			20658*	20658*	26379*	22361	19780*	14480	15540*	10644						11171*	8877	8653
-3m			32650*	32650*	24181*	22681	18451*	14636	14081*	10837						13041*	10336	7813
-4.5m			26168*	26168*	19874*	19874*	14771*	14771*								12669*	12669*	6526
-6																		



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.







**520X TRACKED EXCAVATORS**

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