



COMPACT EXCAVATOR | 8040, 8045 ZTS, 8050, 8055 RTS/ZTS

Operating weight: 4300kg/4750kg/5253kg/5500kg/5177kg Net engine power 33.1: kW



PRODUCTIVITY AND PERFORMANCE.

THERE ARE FIVE KEY THINGS EVERY CUSTOMER LOOKS FOR IN A COMPACT EXCAVATOR: COMFORT, CONTROLLABILITY, RELIABILITY, SERVICEABILITY AND PERFORMANCE. JCB MINI EXCAVATORS EXCEL IN ALL THESE AREAS. WITH A CHOICE OF REDUCED TAIL SWING AND ZERO TAIL SWING WE CAN OFFER SUPERB HIGH PERFORMANCE IN TIGHTER AREAS.

Durability built in.

1 The undercarriage gives optimum protection against site damage. The two-speed track motors and the hoses are completely enclosed within the undercarriage, preventing damage. And the sloped track frame helps to prevent dirt build up.

2 Excavator hoses are routed on top of the boom to give maximum protection against damage; the auxiliary pipework features quick release couplers to prevent oil leaks when connecting attachments and to reduce contamination.

3 Simple design and durable components ensures reliability is built-in.

Componentry.

4 High quality 400mm rubber tracks, with optional steel or Geo-Grips* all of which make good contact with the ground for best traction and a smooth ride.
* 8055 only.

High levels of engine filtration prevent blockages and stoppages.



Power, performance and stability.

5 The 34kW Perkins Tier 3 engine, makes these machines very powerful for this class of excavator. All this power is transferred into superb digging and tracking performance via the load-sensed hydraulic system, giving you impressive tearout forces, and high levels of tractive effort and tracking speeds.

6 To harness the machines superb performance excellent stability is required. This is provided from optimum weight distribution within the upper structure and the substantial undercarriage. The undercarriage dimensions are also optimised to ensure good stability both in line and over the sides of the tracks, and to allow for ease of manoeuvring and low-effort turns.

7 The load-sensed, flow-on-demand hydraulic system across this range automatically controls flow and pressure, providing hydraulic oil to a service only when you need to use it. This means the engine is never over worked, and is always running at peak efficient, saving you fuel.

Dozer.

8 The unique JCB dozer design also features an improved curved profile at the front which forms material into a roll that then keeps moving away from the machine rather than building up and acting as an obstacle. The X-frame undercarriage design (as well as being more rigid) also features lots of slopes and exit points to help ensure material doesn't build up underneath the machine and impede performance.

Hydraulics.

9 For ready-to-go versatility, all models feature single-acting auxiliary pipework to the dipper as standard for powering breaker attachments.

Double-acting pipework (e.g. for powering earth drills) is also available as an option, allowing you to switch between single and double modes.

8050, 8055 RTS or ZTS?
We offer both reduced and zero tailswing configurations, but choosing the right one for you depends on your application as both setups can boost productivity in different ways. RTS gives greater stability, lifting capacity and a larger dig end; ZTS offers more manoeuvrability (especially in confined spaces) because there is no overhang on the tracks.



Optimum track footprint for good all-round stability and least-effort spin turning.



COMFORT AND EASE OF USE.

OPERATORS CAN NOT BE PRODUCTIVE IF THEY ARE NOT COMFORTABLE. AS A RESULT, YOU'LL FIND THAT CABS AND CONTROLS ON THESE MACHINES ARE GREAT PLACES TO WORK, EVEN FOR LONG STINTS.

Comfortable all day long.

1 Visibility from the working position is excellent. To the left, you can see the whole track. To the right and the rear, the curving style of bonnets on all machines gives an improved view. The hose routing on top of the boom rather than to the side also means there's less to impede visibility, and the large front.

2 Once you are up and running, the efficient heating system or optional air conditioning allow you to obtain the most comfortable temperature. You can effortlessly store the gas-strut-assisted upper front screen overhead, and the lower front screen can also be removed. Plus, the whole cab structure is isolated from the slew frame for minimum vibration.

The seating position is fully adjustable for maximum comfort. When you do adjust the seat, the control pod automatically adjusts to give you the most ergonomic working position (you can also change the seat and pod positions independently of each other).

3 Good size door width for easy access and the door itself latches back within the tailswing so you can work with it open. To make access even clearer, the left control pod hinges up and we have removed the left foot pedal (a changeover switch on the joystick allows you to control right and left pedal operations with just the right pedal).



1



2



3

SAFETY.

ALL CABS ARE ROPS AND TOPS COMPLIANT WITH OPTIONAL LEVEL 1 & 2 FOPS PROTECTION. FURTHER OPTIONAL BOOM AND OPTIONAL CAB WORKLIGHT GUARDS PROTECT VULNERABLE COMPONENTS IN HAZARDOUS APPLICATIONS.

Safety first.

- 1 Stability on all machines is best-in-class thanks to a large track frame width and low centre of gravity.
- 2 All-round visibility is excellent. To the left, you can see the whole track. To the right, our unique positioning of engine and hydraulic pump has allowed us to introduce a sloping side-engine cover to improve the view of the track.
- 3 True ZTS design provides greater safety by reducing risk of impact in tight workspaces.



For safer lifting operations optional boom, dozer and dipper hose burst check valves are available.

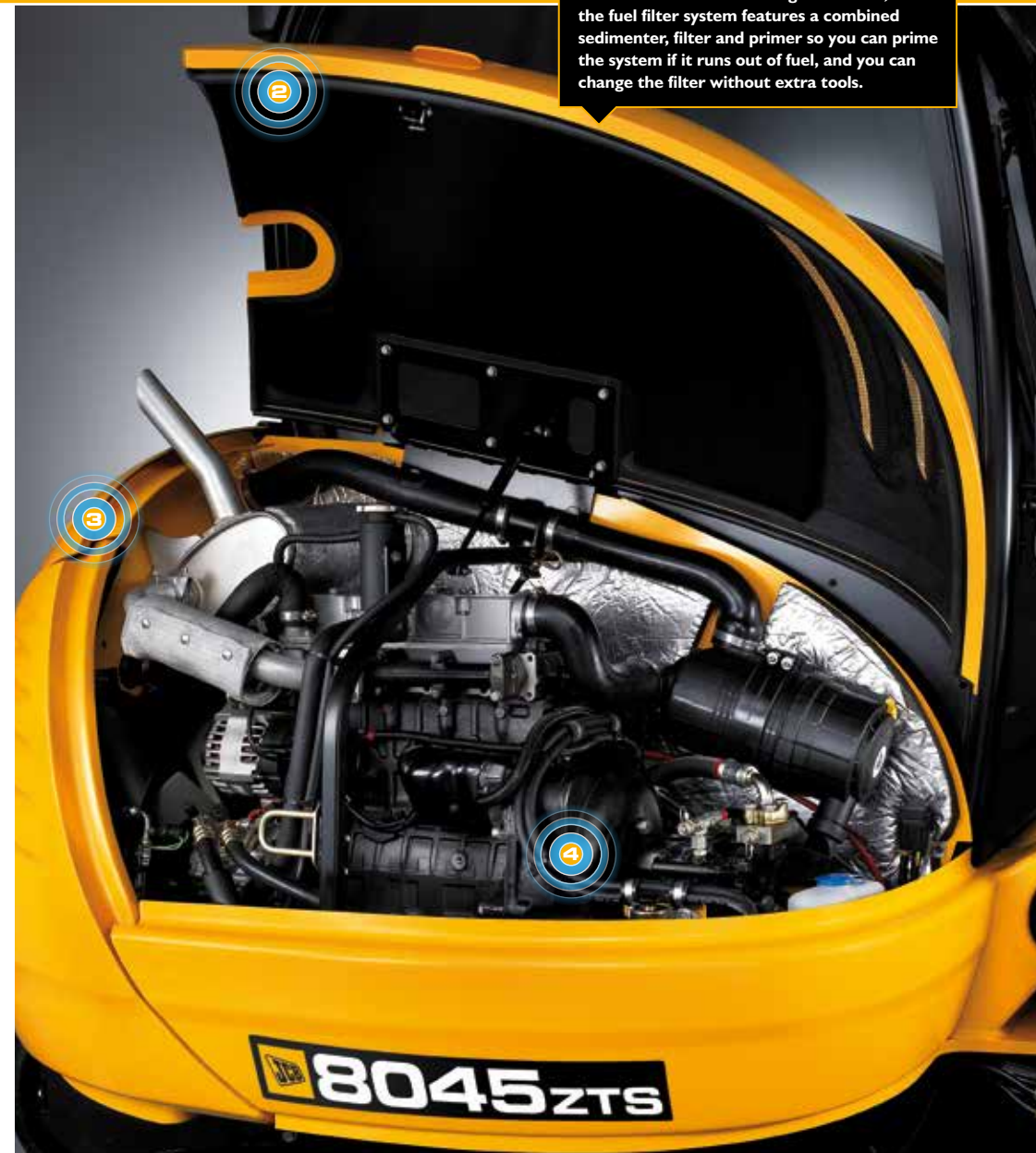
SERVICE.

COOLING PACKS FOR THE HYDRAULIC OIL AND ENGINE ARE BOTH SIDE BY SIDE FOR EASY CLEANING OF THE RADIATORS. THE SIDE-MOUNTED ENGINES AND REAR-MOUNTED VALVE BLOCKS BOTH GIVE UNPARALLELED ACCESS FOR CARRYING OUT DAILY CHECKS AND REGULAR SERVICES, WHILE GROUPED SERVICE POINTS AND GROUND LEVEL ACCESS MAKE MAINTENANCE EASIER.

Easy maintenance.

- 1 JCB's undercarriage design with sloping track legs minimises material build-up for easier cleaning.
- 2 Large gullwing style bonnets allow easy access to all service points and 500-hour engine oil service intervals.
- 3 Under the rear cover, a moulded fuel tank has a larger capacity for longer working hours and it's easy to get to all of the service points.

- 4 The hoses on the whole mini range are colour coded to help you identify the correct one, and, all dig end hoses meet at a connection point under the cab floor, so if you need to replace one, there's no need to feed it all the way through the length of the machine.



You can check the oil from ground level, the fuel filter system features a combined sediment, filter and primer so you can prime the system if it runs out of fuel, and you can change the filter without extra tools.

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.



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.

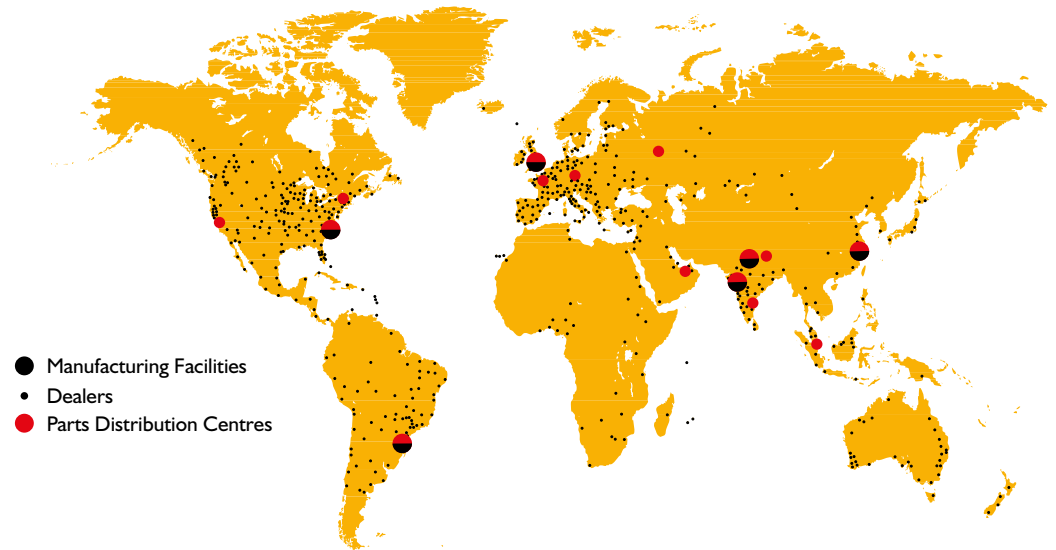
2 The global network of JCB Parts Centres is another model of efficiency; with 15 regional bases, we can deliver around 95% of all parts anywhere in the world within 24 hours. Our genuine JCB parts are designed to work in perfect harmony with your machine for optimum performance and productivity.



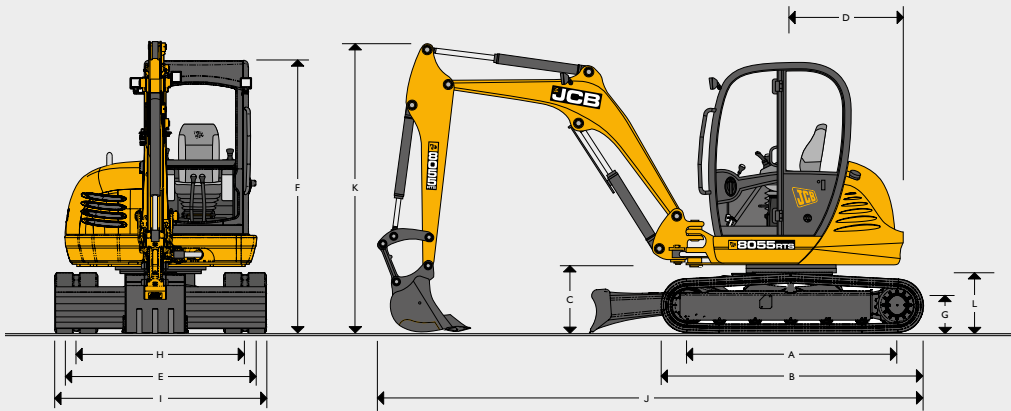
3 JCB Assetcare offers comprehensive extended warranties and service agreements, as well as service-only or repair and maintenance contracts. Irrespective of what you opt for, our maintenance teams around the world charge competitive labour rates, and offer non-obligation quotations as well as fast,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



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



STATIC DIMENSIONS



Machine model		8040 ZTS	8045 ZTS	8050 RTS/ZTS	8055 RTS/ZTS	
A	Sprocket idler centres	mm	1845	1990	1990	1991
B	Undercarriage overall length	mm	2385	2530	2530	2516
C	Kingpost clearance	mm	690	690	690	682
D	Tailswing radius	mm	985	985	1055	1055
E	Overall width of superstructure	mm	1800	1800	1800	1800
F	Height over cab*	mm	2563	2563	2563	2563
G	Ground clearance	mm	340	340	340	340
H	Track gauge	mm	1580	1580	1580	1600
I	Width over tracks	mm	1980	1980	1980	2000
J	Transport length	mm	5100	5170	5170	5153
K	Transport height with standard dipper	mm	2563	2736	2736	2758
L	Track height	mm	570	570	570	650

* Non A/C models

ENGINE

Machine model	8040/8045 ZTS, 8050 RTS/ZTS & 8055 RTS/ZTS	
Model	Perkins 404-22D Tier 3	
Fuel	Diesel	
Cooling	Water cooled	
Gross power	SAE J1995 kW @ 2600 rpm	34.1
Net power	SAE J1995 kW @ 2600 rpm	33.1
Gross torque	SAE J1995 Nm @ 1600 rpm	143
Net torque	SAE J1995 Nm @ 1600 rpm	137.28
Displacement	cc	2.216
Gradeability	degrees	35
Starter motor	kW	2
Battery	volt / Ah	12V / 75
Alternator	amps	85

UNDERCARRIAGE

Machine model		8040 ZTS	8040/8045 ZTS & 8050 RTS/ZTS	8055 RTS/ZTS
No of bottom rollers (per side)		4	5	
Track width	mm	400		
Ground bearing pressure	kg/cm ²	0.29	0.3	0.35
Ground clearance	mm	340		
Track tensioning	mm	Grease		
Travel speed – low	kph	2.7		
Travel speed – high	kph	5.5		5.1
Tractive effort	kN	48.3	54.8	60.7

HYDRAULIC SYSTEM

Machine model		8040 ZTS	8040/8045 ZTS & 8050 RTS/ZTS	8055 RTS/ZTS
Pump		Load Sensing Variable Displacement		
Nominal output	lpm	169		163
Excavator/track main relief	bar	220	250	
Slew main relief	bar	216		220
Auxiliary hydraulic flow	lpm	70		90
Auxiliary low flow	lpm	–	–	25
Hydraulic motors		Piston		

WEIGHTS

Machine model		8040 ZTS	8045 ZTS	8050 RTS/ZTS	8055 RTS/ZTS
Operating weight *	kg	4300	4750	5235	5500 **
Transport weight †	kg	4225	4675	5150	5425
With FOGS guard	kg	+ 36	+ 36	+ 36	+ 25
With steel tracks	kg	+ 110		–	–
With 1500mm dipper	kg	–	–	–	- 18
With 1725mm dipper	kg	–	–	–	+ 8

* Operating weight to ISO 6016 including cab, rubber tracks, standard dipper, 600mm bucket, full tanks and a 75kg operator.

† Transport weight is operating weight less a 75kg operator.

** Operating weight to ISO 6016 including cab, rubber tracks, standard dipper, 460mm bucket, full tanks and a 75kg operator. ZTS (excluding shipped counterweight) is 5177kg.

OPERATOR STATION

Machine model		8040, 8045 ZTS & 8050 RTS/ZTS	
		External	Internal
Cab/canopy length	mm	1328	1187
Cab/canopy width	mm	980	933
Full internal height	mm	1570	
Door aperture width	mm	564	
		8055 RTS/ZTS	
Cab height with FOGS guard	mm	2563	1550
Cab height no FOGS guard	mm	2575	1550
Cab length	mm	1328	1187
Cab width	mm	980	933
Distance from seat base to roof	mm	1570	
Distance from seat base to floor	mm	564	

SERVICE CAPACITIES

Machine model	8040, 8045 ZTS, 8050, 8055 RTS/ZTS	
Fuel tank	ltr	68
Engine coolant	ltr	13.5
Engine oil	ltr	3.6
Hydraulic system	ltr	98
Hydraulic tank	ltr	55

EEC NOISE LEVELS (95/27/EC DYNAMIC)

Machine model		8040 ZTS	8045 ZTS	8050 RTS/ZTS	8055 RTS/ZTS
Cab / canopy external	dB (LwA)	96	96	96	97
Cab internal	dB (LpA)	80	80	80	76

STANDARD EQUIPMENT
8040, 8045 ZTS
& 8050 RTS/ZTS

ROPS & TOPS certified canopy, full audio/visual warning systems, hydraulic slew braking with disc type park brake, control isolator, lockable toolbox, electronic throttle, switchable auto-idle, 12v power socket, fold-up tracking pedals, lifting points, rubber tracks, ISO servo controls, suspension seat, boom worklight, single acting auxiliary circuit to dipper, boom ram protection, dozer blade, 1525mm dipper – 8040 ZTS, 1725mm dipper – 8045 ZTS/8050 RTS/ZTS.

OPTIONAL EQUIPMENT
8040, 8045 ZTS
& 8050 RTS/ZTS

ROPS & TOPS certified fully glazed cab (includes heater, interior light, cup holder, door holdback latch within tail swing, gas strut assisted front screen), electronic proportional controlled auxiliaries, dual pattern controls (ISO/SAE change-over), front or rear cab/canopy mounted worklights, air conditioning engine fan guard kit, FOPS roof guard, mirror, toolkit, radio, biodegradable hydraulic oil, fire extinguisher, sunblind (cab builds), battery isolator, Datatag (UK only), travel alarm, immobiliser, 1 tonne lift option, hose-burst-check-valves on boom and dipper or boom, dipper and dozer, 1900mm dipper – 8050 RTS/ZTS only, yellow roof moulding, digging buckets, ditching/grading bucket, hydraulic breaker, earthdrill/auger, mechanical quickhitch.

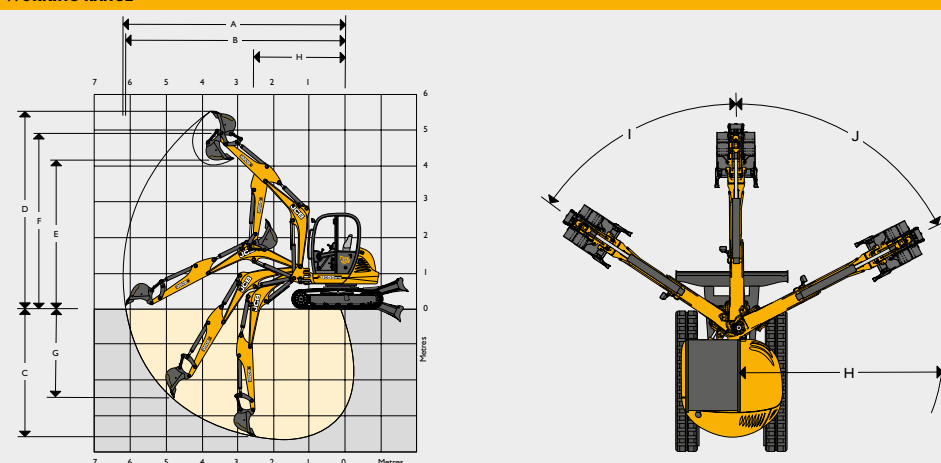
STANDARD EQUIPMENT
8055 RTS/ZTS

ROPS & TOPS certified fully glazed cab (includes heater, interior light, cup holder, door holdback latch within tail swing, gas strut assisted front screen), full audio/visual warning systems, hydraulic slew braking with disc type park brake, control isolator, lockable toolbox, electronic throttle, switchable auto-idle, 12v power socket, fold-up tracking pedals, lifting points, rubber tracks, ISO servo controls, suspension seat, boom worklight, single acting auxiliary circuit to dipper, boom ram protection, dozer blade, boom 2500mm, 1900mm dipper, 2-speed tracking, auto kickdown track motors.

OPTIONAL EQUIPMENT
8055 RTS/ZTS

Dual pattern controls (ISO/SAE change-over), electronic proportional auxiliary controls, low flow auxiliary, front or rear cab mounted worklights, air conditioning engine fan guard kit, FOPS roof guard, mirror, toolkit, radio, biodegradable hydraulic oil, fire extinguisher, sunblind, battery isolator, Datatag (UK only), travel alarm, immobiliser, hose-burst-check-valves on boom, dipper and dozer, yellow roof moulding, digging buckets, ditching/grading bucket, hydraulic breaker, earthdrill/auger, mechanical quickhitch bucket-to-grab change over valves, 1500mm short dipper, 1725mm dipper, remote engine oil filter, double acting auxiliary pipework, mirror kit, JCB impact protection cab screen 45mm, pin conversion kit to accept 3CX buckets.



WORKING RANGE









Machine model		8040 ZTS	8045 ZTS	8050 RTS/ZTS	8055 RTS/ZTS
Boom length	mm	2500			
Dipper length	mm	1525	1725	1900	1500 / 1725 / 1900
A Max digging reach	mm	5781	6006	6142	5754 / 5900 / 6142
B Max digging reach on ground	mm	5613	5844	6025	5664 / 5800 / 6025
C Max digging depth – dozer up	mm	3341	3542	3764	3357 / 3556 / 3764
Max digging depth – dozer down	mm	3525	3725	3973	3575 / 3774 / 3973
D Max digging height	mm	5226	5491	5528	5241 / 5376 / 5528
E Max dump height	mm	3843	3977	4102	3817 / 4018 / 4102
F Max height to dipper nose pivot pin	mm	4464	4602	4785	4499 / 4637 / 4785
G Max vertical wallcut depth	mm	2230	2539	2510	2159 / 2276 / 2510
H Min. front swing radius (no offset)	mm	2514		2474	2474 / 2474 / 2474
Min. front swing radius (fully offset)	mm	2202		2186	2186 / 2474 / 2186
I Boom swing left	degrees	60			61
J Boom swing right	degrees	65			58
Bucket rotation	degrees	200			193
Dipper rotation	degrees	125			126
Bucket tearout	kN	37.1	42.2		42.2 / 42.2 / 42.2
Dipper tearout	kN	23	26.1	23.7	32.8 / 30 / 27.8
Slew speed	rpm	10			10

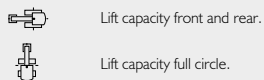
DOZER

Machine model		8040, 8045 ZTS & 8050 RTS/ZTS	8055 RTS/ZTS
Max height above ground	mm	470	432
Dig depth below ground	mm	480	553
Approach angle (degrees)	degrees	27.5	
Width	mm	1980	2020
Height	mm	396	411
Reach in front of tracks	mm	712	721



















LIFT CAPACITIES – STANDARD DOZER, 400MM RUBBER TRACKS, I525MM DIPPER, NO BUCKET																			8040 ZTS
Load Point	2.5m			3.0m			3.5m			4.0m			4.5m			Capacity at maximum reach			Distance
																			
Height	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Distance
m	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
2.5							650	910*	730	630	890*	600	540	900*	470	500	910*	430	4700
2				1100*	1170*	1090*	680	1050*	720	610	970*	570	520	920*	470	420	910*	410	4900
1.5	1080	1800*	1170	980	1400*	900	680	1170*	700	560	1040*	560	480	960*	460	440	910*	400	4950
1	950	2240*	1100	910	1680*	860	630	1300*	670	590	1130*	540	490	1000*	440	420	920*	380	4980
0.5	1040	2350*	1070	920	1830*	840	680	1430*	680	590	1230*	580	500	1050*	490	440	890*	420	4980
Ground Level	970	2460*	940	780	1900*	760	670	1470*	610	590	1300*	500	510	1110*	410	480	990*	380	4770
-0.5	920	2270*	920	830	1910*	750	620	1540*	600	530	1270*	480	450	1070*	410	430	1030*	400	4580
-1	940	2260*	910	680	1820*	710	610	1440*	570	530	1130*	470	-	-	-	410	980*	430	4330


















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Height	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Distance
m	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
2.5										840	1030*	680	660	1040*	610	600	1060*	500	4980
2							980	1220*	680	850	1170*	650	680	1080*	550	610	1070*	430	5020
1.5	1700	2150*	1330	1110	1640*	990	1040	1390*	740	860	1240*	630	640	1150*	530	560	1090*	420	5140
1	1730	2570*	1250	1130	1950*	930	1010	1570*	740	840	1360*	620	680	1230*	510	540	1100*	410	5140
0.5	1710	2780*	1280	1100	2130*	980	980	1730*	780	750	1450*	650	660	1290*	530	530	1100*	410	5140
Ground Level	1520	2810*	1180	1220	2300*	950	1070	1860*	770	880	1570*	650	770	1380*	560	600	1170*	490	4990
-0.5	1520	2900*	1160	1250	2380*	930	990	2050*	750	860	1640*	660	740	1330*	560	650	1170*	500	4800
-1	1500	2870*	1210	1050	2210*	940	870	1840*	760	720	1480*	630	620	1230*	560	560	1160*	530	4550

LIFT CAPACITIES – STANDARD DOZER, 400MM RUBBER TRACKS, I725MM DIPPER, NO BUCKET																			8050 RTS/ZTS
Load Point	2.5m			3.0m			3.5m			4.0m			4.5m			Capacity at maximum reach			Distance
																			
Height	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Distance
m	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
2.5										875	974*	710	693	983*	635	627	1009*	520	4980
2							1023	1157*	710	990	1114*	685	710	1027*	569	635	1018*	446	5020
1.5	1774	2045*	1386	1150	1566*	1031	1081	1322*	767	891	1183*	660	710	1088*	553	586	1035*	437	5140
1	1807	2436*	1312*	1180*	1853*	974	1287	1488*	776	875	1288*	644	701	1166*	536	561	1053*	429	5140
0.5	1790	2645*	1337	1147	2027*	1023	1023	1644*	817	784	1383*	677	693	1227*	553	561	1053*	421	5140
Ground Level	1568	2671*	1229	1271	2184*	998	1114	1766*	809	924	1488*	677	693	1314*	578	627	1105*	512	4990
-0.5	1584	2749*	1213	1320	2253*	974	1031	1949*	784	899	1557*	693	767	1262*	578	677	1114*	528	4800
-1	1568	2732*	1262	1097	2097*	982	908	1749*	792	751	1409*	660	644	1166*	578	578	1096*	553	4550



- Notes:**
- 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.
 - Lift capacities assume that the machine is on firm level ground and equipped with an approved lifting point.
 - A bucket must be fitted when lifting, the weight of this bucket must be deducted from the above lift capacities.
 - Lift capacities may be limited by local regulations. Please refer to your dealer.

LIFT CAPACITIES – STANDARD DOZER, 400MM RUBBER TRACKS, 1900MM DIPPER, NO BUCKET																			8050 RTS/ZTS
Load Point	2.5m			3.0m			3.5m			4.0m			4.5m			Capacity at maximum reach			
																			Distance
Height	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Distance
m	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
2.5										831	974*	674	658	983*	603	596	922*	488	5100
2							972	1157*	674	941	1114*	651	674	1027*	541	603	922*	458	5270
1.5	1685	2045*	1317	1097	1566*	980	1027	1322*	729	846	1183*	627	674	1088*	525	556	948*	450	5310
1	1716	2436*	1246	1121	1853*	925	1223	1488*	737	831	1288*	611	666	1166*	509	533	957*	450	5370
0.5	1701	2645*	1270	1089	2027*	972	972	1644*	776	745	1383*	643	658	1227*	525	525	983*	443	5300
Ground Level	1489	2671*	1168	1207	2184*	948	1058	1766*	768	878	1488*	643	658	1314*	549	596	1001*	450	5200
-0.5	1505	2749*	1152	1254	2253*	925	980	1949*	745	854	1557*	658	729	1262*	549	643	1079*	503	5000
-1	1489	2732*	1199	1042	2097*	933	862	1749*	752	713	1409*	627	611	1166*	549	549	1061*	540	4800

LIFT CAPACITIES – STANDARD DOZER, 400MM RUBBER TRACKS, 1900MM DIPPER, NO BUCKET																			8055 RTS/ZTS
Load Point	2.5m			3.0m			3.5m			4.0m			4.5m			Capacity at maximum reach			
																			Distance
Height	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Dozer Up	Dozer Down	Over Side	Distance
m	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm
2.5	-	-	-	-	-	-	-	-	-	844*	978	843	836	1035	836	603*	941	513*	5100
2	-	-	-	-	-	-	976*	1235	976*	957*	1191	926	723*	1096	723*	613*	950	486*	5270
1.5	-	-	-	1301	1644	1387	1050*	1394	1050*	837*	1248	764*	685*	1157	685*	562*	970	476*	5310
1	-	-	-	1306*	1959	1146*	1046*	1568	1046*	843*	1358	746*	681*	1238	681*	540*	983	468*	5370
0.5	-	-	-	1157*	2133	1086*	1024*	1733	1024*	756*	1453	716*	660*	1287	660*	531*	1004	456*	5300
Ground Level	1501*	2823	1389*	1220*	2301	1070*	1066*	1866	1066*	811*	1567	705*	778*	1388	778*	603*	1025	490*	5200
-0.5	1503*	2904	1353*	1260*	2379	1020*	1071*	2053	1071*	881*	1638	683*	740*	1359	740*	647*	1033	509*	5000
-1	1510*	2875	1260*	1091*	2275	973*	996*	1844	996*	752*	1588	655*	696*	1234	696*	570*	1037	525*	4800



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 and equipped with an approved lifting point.
3. A bucket must be fitted when lifting, the weight of this bucket must be deducted from the above lift capacities.
4. Lift capacities may be limited by local regulations. Please refer to your dealer.



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