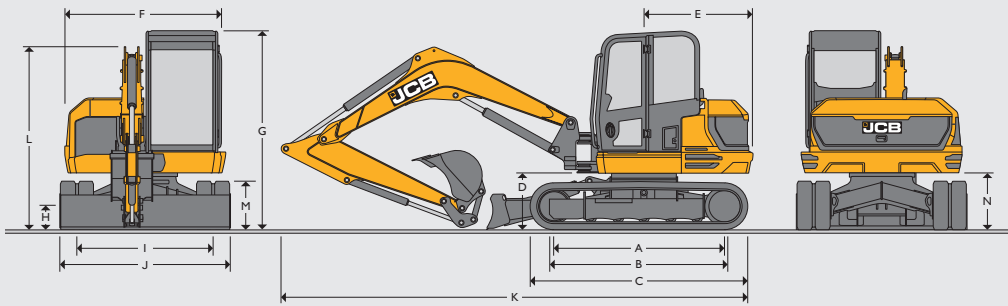


STATIC DIMENSIONS



Machine model		85z-1	86c-1	86c-1 TAB	
A	Sprocket idler centres	mm	2325		
B	Track length on ground	mm	2325		
C	Undercarriage overall length – rubber	mm	2950		
	Undercarriage overall length – steel		2900		
D	Kingpost clearance	mm	793		
E	Tailswing radius	mm	1490	1600	
F	Overall width of superstructure	mm	2168	2187	
G	Height over cab	mm		2706	
H	Ground clearance	mm		350	
I	Track gauge	mm		1850	
J	Width over tracks (450 shoes)	mm		2300	
K	Transport length with standard dipper	mm	5833	6435	6655
L	Transport height with standard dipper	mm		2706	2593
M	Track height	mm		650	
N	Counterweight clearance	mm		762	

ENGINE

Machine model		85z-1	86c-1	86c-1 TAB
Model		Stage IIIB Tier 4 Final KDI 2504 TCR		
Fuel		Diesel		
Cooling		Water cooled		
Gross power ISO 14396	kW (hp) @ 2200 rpm		48	
Net power	kW (hp) @ 2200 rpm		45.4	
Gross torque ISO 14396	Nm @ 1500 rpm		305	
Displacement	cc / litres		2500	
Gradeability	degrees		30	
Starter motor	kW (hp)		2	
Battery	volt / Ah		12V, 750	
Alternator	volt / amps		12V, 100	

UNDERCARRIAGE

Machine model		85z-1	86c-1	86c-1 TAB
No of top rollers			1	
No of bottom rollers			5	
Track width	mm		450	
Track width optional	mm		600	
Ground clearance	mm		350	
Track tensioning			Grease	
Travel speed – low	kph		2.5	
Travel speed – high	kph		5	
Tractive effort	kN	61		65

HYDRAULIC SYSTEM

Machine model		85z-1	86c-1	86c-1 TAB
Nominal output @ 2200	lpm		158.4	
Excavator/track main relief pressure	bar		300	
Slew main relief pressure	lpm		226	
Auxiliary low flow	lpm		25	
Auxiliary high flow	lpm		100	
Auxiliary low flow	bar		190	
Auxiliary high flow	bar		190	

WEIGHTS

Machine model		85z-1	86c-1	86c-1 TAB
Operating weight* (450mm rubber tracks)	kg	8300	8600	9448
Shipping** weight (450mm rubber tracks)	kg	8132	8432	9280
With FOGS guard – Stage 1	kg		+ 14	
With FOGs Guard – Stage 1 HVAC	kg		+49	
With FOGS guard – Stage 2	kg		+97	
With steel tracks (450mm)	kg		+ 163	
With steel tracks (600mm)	kg		+367	
With Bridgestone geogrips	kg		+ 181	
With wide dozer (2470mm)	kg		+ 18	
With narrow dozer (2220mm)	kg		-5	
With 4 way dozer	kg		+217	
With Quickhitch	kg		+95	
With Long Dipper (2250mm)	kg		+ 16	
With short dipper (1650mm)	kg		-48	
Ground bearing pressure (450mm rubber tracks)	kg/cm ²	0.40	0.41	0.45
Ground bearing pressure (450mm steel tracks)	kg/cm ²	0.40	0.42	0.46
Ground bearing pressure (600mm steel tracks)	kg/cm ²	0.31	0.32	0.35

*Operating weight to ISO 6016 including Cab, Rubber Tracks, Standard dipper, 450mm bucket, full tanks, and a 75kg operator.

**Shipping weight to ISO 6016 is mass of the base machine without an operator, with fuel level at 10% of tank capacity.

OPERATOR STATION

Machine model		85z-1	86c-1	86c-1 TAB
Cab/canopy height	mm		1554	
Cab/canopy height with FOGS guard LEVEL 1	mm		1643	
Cab/canopy height with FOGS guard LEVEL 2	mm		1730	
Cab/canopy length	mm		1942	
Cab/canopy width	mm		1040	
Distance from seat base to roof	mm		1120	
Door aperture width	mm		612	

SERVICE CAPACITIES

Machine model		85z-1	86c-1	86c-1 TAB
Fuel tank	l		115	
Engine coolant	l		12.1	
Engine oil	l		11.2	
Hydraulic system	l		118	
Hydraulic tank	l		66	

EEC NOISE LEVELS (95/27/EC DYNAMIC)

			Uncertainty	Measurement Conditions
Noise at the operator station (Lpa)	74 dB	(Kpa)	1 dB	ISO 6396:2008
Noise emission from the machine (Lwa)	96 dB	(Kwa)	2 dB	ISO 6395:1988
Hand Arm Vibration (m/s²)				
Tracking duty	4.3*	(k)	2.15	EN ISO 5349-2:2001****
Low idle and excavating duty	≤ 2.5	(k)	**	EN ISO 5349-2:2001****
Whole body vibration (m/s ²)	0.3	(k)	0.15	ISO 2631-1:1997

* Using foot operation for long periods of tracking will prevent exposure to Hand-Arm Vibration above the action level.

** Based on 50% uncertainty of measurement.

*** Based upon a test cycle defined in SAE J 1166

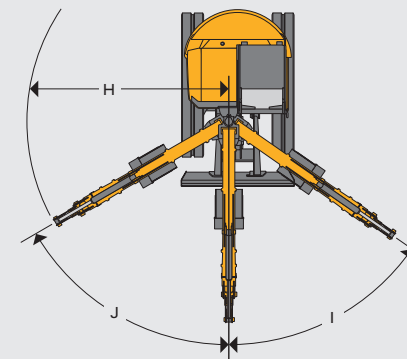
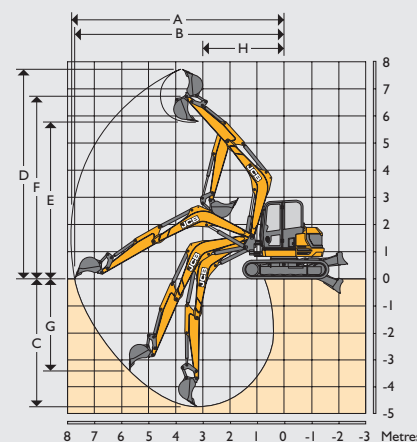
STANDARD EQUIPMENT

Tilting cab, Fully glazed TOPS certified cab with JCB Impact Protection front screen, 2 speed intermittent wiper with wash/wipe, Roof mounted front worklights, 3 speed heater/demister with 9 adjustable air vents, Colour LCD display, Digital clock, Adjustable sunblind, Internal lockable toolbox, Cup holder, Coat hook, 12v accessory socket, Interior light, Full audio/visual warning systems, Radio ready kit, Auto idle throttle, Below idle system, 2 digging modes (Eco and Heavy), ISO servo controls with electro-hydraulic dozer lever, Electro-proportional thumb controlled high flow double acting auxiliary, 10 selectable auxiliary flow rates, Joystick mounted hammer switch, Electronic single/double acting auxiliary changeover valve, Neutral start, Full control isolation, "2 go" hydraulic isolation, Midback suspension seat, 2 piece removable floor mat, Beacon ready kit, Two speed tracking, Auto-kickdown track motors, 450mm short pitch rubber tracks, Double element air cleaner, Heavy-duty alternator, Heavy-duty battery, Hydraulic slew braking with disc type park brake, ORFS hydraulics, Colour coded hydraulic hoses, Bushed kingpost, 500 hour dig end greasing intervals, Heavy duty boom cylinder guard, Protected boom worklight, 2000mm dipper (85Z), 2100mm dipper (86C), 2 position bucket tipping link - Speed & Power, Quick release auxiliary couplers, 100% steel bodywork.

OPTIONAL EQUIPMENT

Air-conditioning, FOGS guard stage 1 or 2, 450mm or 600mm steel tracks, 450mm Geo Grip Road Liner tracks, Fan & chaff guards, Battery isolator (standard for EU), High back seat or deluxe heated high back air-suspension seat, Radio installation, Electro-proportional thumb controlled low flow auxiliary, Hose burst check valve lifting kit (dozer, boom & dipper), Bucket-to-grab change over valve, Mechanical quickhitch, Hydraulic quickhitch, Hydraulic quickhitch ready pipework, General purpose digging buckets, Ditch/grading buckets, Hydraulic hammers, Rotating/strobe beacon, Travel alarm, White noise alarm, Face fan, Toolkit, Greasegun & cartridge, Fire extinguisher, Exterior cab mounted mirrors, Interior mirror, Electric refuelling pump, JCB Immobiliser (Unique key or keypad system), CESAR datatag (UK only), Dozer float, Angled dozer blade, TAB boom, Dual pattern controls (ISO/SAE change-over), Front screen guard (Fine or course), Rear roof mounted worklight, Twin pair of front roof mounted worklights, Short & long dipper options, Thumb ready dipper, Livelink, Special paint options, Block heater 110/240V.

WORKING RANGE


















		85z-1	86c-1	86c-1 TAB
Boom length	mm	2900	3360	Boom in = 2828 Boom out = 3917
Dipper length	mm	1650 / 2000 / 2100	1650 / 2100 / 2250	1650 / 2100 / 2250
A Max digging reach	mm	6596 / 6933 / 7029	6815 / 7244 / 7387	7246 / 7844 / 7989
B Max digging reach on ground	mm	6401 / 6748 / 6848	6635 / 7075 / 7225	7409 / 7691 / 7840
C Max digging depth – dozer up	mm	3234 / 3584 / 3684	3931 / 4381 / 4531	4022 / 4472 / 4622
Max digging depth – dozer down	mm	3615 / 3625 / 3715	3922 / 4372 / 4522	4013 / 4463 / 4613
D Max digging height	mm	6487 / 6758 / 6836	6848 / 7181 / 7293	7776 / 8180 / 8315
E Max dump / load-over height	mm	4674 / 4946 / 5023	5061 / 5395 / 5506	5900 / 6304 / 6439
F Max height to dipper nose pivot pin	mm	5547 / 5819 / 5896	5914 / 6248 / 6359	6832 / 7236 / 7371
G Max vertical wallcut depth	mm	2525 / 2849 / 2941	2736 / 3151 / 3289	3366 / 3782 / 3920
H Min. front swing radius (no offset)	mm	2847 / 3002 / 3047	2554 / 2679 / 2721	2223 / 2272 / 2288
Min. front swing radius (fully offset)	mm	2478 / 2620 / 2660	2310 / 2427 / 2466	1919 / 1963 / 1978
I Boom swing left	degrees		55	
J Boom swing right	degrees		60	
Bucket rotation	degrees		188	
Dipper rotation	degrees	114	122	126
Bucket tearout	kN		57.1	
Dipper tearout	kN	49.9 / 43.8 / 42.3	49.9 / 42.3 / 40.3	49.9 / 42.3 / 40.3
Slew speed	rpm		10	

DOZER

Machine model		85z-1	86c-1	86c-1 TAB
Dozer length	mm		1497	
Max height above ground	mm		471	
Dig depth below ground	mm		461	
Approach angle	degrees		27.8	
Width	mm		2320	
Height	mm		473	
Reach in front of tracks	mm		615	
















LIFT CAPACITIES – 450MM RUBBER TRACKS, 3360MM BOOM, 1650MM DIPPER, NO BUCKET

86C

Load Point	2.0m			3.0m			4.0			5.0m			Capacity at maximum reach			Distance
																
Height m	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Distance m
5.0							1543*	1649*	1687*				1486	1712*	1587	4.32
4.0							1532*	1636*	1675*	1532*	1637*	1269	1108	1655*	1210	5.14
3.0				2323	2366*	2375	1888	1923*	1888	1670	1714*	1298	1373	1679*	1155	5.5
2.0				3384	3437*	2655	2271	2314*	1800	1818	1888*	1290	1283	1714*	1035	5.75
1.0				3090	394*	2430	2115	2636*	1673	1575	2036*	1245	1215	1757*	1028	5.73
0.0				3158	3967*	2370	2078	2793*	1643	1523	2097*	1230	1298	1810*	1035	5.5
-1.0	3405*	3638*	3723*	3410	3497*	2348	2085	2601*	1628	1515	1897*	1170	1470	180*	1170	5.1
-2.0	4365*	4663*	4688	2897*	3095*	2354	2010	2176*	1565				1268	1783*	1370	4.44
















LIFT CAPACITY – 450MM RUBBER TRACKS, 3360MM BOOM, 2100MM DIPPER, NO BUCKET

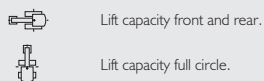
86C

Load Point	2.0m			3.0m			4.0			5.0m			Capacity at maximum reach			Distance
																
Height m	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Distance m
5.0							1236*	1320*	1351*				1206	1484*	1307	4.92
4.0							1274*	1361*	1392*	1315*	1405*	1287	954	1462*	1050	5.64
3.0				1840*	1035*	2012*	1610*	1644*	1627*	1505*	1523*	1505*	1238	1505*	945	6
2.0				2845*	2906*	2845*	2018*	2053*	1966*	1662*	1697*	1260	1125	1523*	885	6.19
1.0				3437*	3663*	2408	2436*	2497*	1643	1545	1931*	1215	1125	1575*	878	6.18
0.0				3060	3950*	2273	2070	2767*	1590	1538	2105*	1178	1148	1618*	923	6.09
-1.0	2881*	3078*	3149*	2933	3663*	2280	1995	2706*	1530	1478	2045*	1140	1245	1662*	983	5.7
-2.0	4963*	4999*	4548	3108	3469*	2284	1962	2419*	1514	1437	1672*	1137	1031*	1646*	1130*	5.03
-3.0	3439*	3674*	3759*	2226*	2378*	2358							1467*	1567*	1604*	3.89

LIFT CAPACITY – 450MM RUBBER TRACKS, 3360MM BOOM, 2250MM DIPPER, NO BUCKET

86C

Load Point	2.0m			3.0m			4.0			5.0m			Capacity at maximum reach			Distance
																
Height m	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Distance m
5.0										1301*	1390*	1283	1134	1418*	1233	5.11
4.0							1184*	1265*	1294*	1247*	1332*	1292	910	1403*	1005	5.8
3.0							1446*	1545*	1581*	1356*	1449*	1264	801	1415*	891	6.21
2.0				2617*	2796*	2573	1860*	1988*	1685	1518	1652*	1218	746	1442*	834	6.41
1.0				3189	3789*	2359	2037	2426*	1588	1469	1866*	1168	730	1479*	818	6.42
0.0				3087	3852*	2263	1970	2691*	1521	1430	2009*	1129	752	1529*	841	6.23
-1.0	2739*	2926*	2994*	3065	4030*	2242	1941	2719*	1493	1412	2014*	1111	816	1569*	908	5.86
-2.0	4612*	4927*	4506*	3087	3568*	2263	1947	2473*	1498	1421	1761*	1120	970	1603*	1067	5.21
-3.0	3863*	4127*	4223*	2427*	2593*	2328	1591*	1699*	1551				1385	1551*	1481	4.15


















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.
















LIFT CAPACITIES – 450MM RUBBER TRACKS, 2900MM BOOM, 1650MM DIPPER, NO BUCKET

85Z

Load Point	2.0m			3.0m			4.0			5.0m			Capacity at maximum reach			Distance m
																
Height m	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	
4.0							1586*	1694*	1458						900	4.83
3.0				2059*	2199*	2242	1949	2001*	1433	1260	1888*	983	1170	1888*	818	5.2
2.0				2824	3487*	2057	1778	2514*	1380	1238	2088*	960	1058	1966*	833	5.5
1.0				2535	4385*	1905	1643	2915*	1290	1163	2210*	930	1028	2018*	825	5.5
0.0				2355	4454*	1785	1575	3071*	1215	1125	2271*	885	1058	2097*	893	5.27
-1.0	4308*	4603*	3719	2220	3889*	1740	1530	2836*	1178				1200	2105*	1271	4.8
-2.0				2665	2901*	1907	1661*	1774*	1275				1427	1760*	1170	4.01
-3.0																
















LIFT CAPACITY – 450MM RUBBER TRACKS, 2900MM BOOM, 2000MM DIPPER, NO BUCKET

85Z

Load Point	2.0m			3.0m			4.0			5.0m			Capacity at maximum reach			Distance m
																
Height m	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	
4.0							1323*	1413*	1446*	1286	1529*	1000	1000	1577*	915	5.24
3.0							1705*	1740*	1662*	1283	1723*	998	1043	1731*	818	5.5
2.0				3036*	3141*	2153	1800	2297*	1395	1298	1949*	968	960	1810*	720	5.83
1.0				2573	4211*	1928	1658	2784*	1313	1178	2158*	908	923	1844*	728	5.82
0.0				2475	4498*	1785	1605	3062*	1230	1155	2297*	915	990	1940*	788	5.6
-1.0	3599	3845*	3568	2340	4124*	1718	1568	3019*	1193	1155	2245*	870	1073	1966*	863	5.15
-2.0	4999	4999*	3653	2577	3349*	1818	1622	2202*	1200				1146	1667*	1026*	4.52
-3.0																

LIFT CAPACITY – 450MM RUBBER TRACKS, 2900MM BOOM, 2100MM DIPPER, NO BUCKET

85Z

Load Point	2.0m			3.0m			4.0			5.0m			Capacity at maximum reach			Distance m
																
Height m	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	
5.0							1369*	1462*	1473				1302	1614*	1185	4.53
4.0							1275*	1362*	1394*	1309	1491*	1024	984	1555*	905	5.35
3.0							1487*	1588*	1446	1297	1546*	1012	847	1554*	781	5.82
2.0				2617*	2796*	2123	1792	2046*	1369	1262	1735*	977	783	1577*	721	6.05
1.0				2682	4063*	1919	1704	2540*	1282	1221	1949*	935	767	1614*	705	6.06
0.0				2582	4507*	1825	1644	2830*	1223	1190	2079*	903	795	1658*	728	5.86
-1.0	3477*	3715*	3592	2564	4297*	1808	1621	2801*	1200	1179	1999*	892	886	1696*	807	5.42
-2.0	4999*	4999*	3672	2595	3512*	1837	1637	2321*	1216				1114	1684*	1004	4.65
-3.0																





















Lift capacity front and rear.







































Lift capacity full circle.

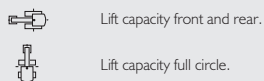
Notes:

- 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 – 450MM RUBBER TRACKS, 3360MM BOOM, 1650MM DIPPER, NO BUCKET																				86C TAB
Load Point	2.0m			3.0m			4.0			5.0m						Capacity at maximum reach			Distance	
																				
Height m	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg		
6.0				2092*	2092*	2092*	1832*	1832*	1686							1683	1831*	1670	4.02	
5.0				2015*	2015*	2015*	1689*	1689*	1689*	1529*	1529*	1181				1083	1523*	1115	5.15	
4.0				2320*	2320*	2320*	1799*	1799*	1682	1525*	1525*	1177				857	1399*	899	5.83	
3.0							2045*	2045*	1581	1566	1615*	1133	1172	1372*	847	745	1327	790	6.24	
2.0							2084	2299*	1460	1505	1719*	1076	1147	1394*	824	689	1275*	735	6.44	
1.0							1990	2383*	1375	1452	1766*	1027	1121	1387*	799	673	1227*	720	6.45	
0.0							1953	2255*	1341	1421	1706*	998	1106	1298*	785	695	1170*	742	6.27	
-1.0				2364*	2364*	2063*	1953	1959*	1342	1415	1504*	993				764	1074*	810	5.89	
-2.0				1725*	1725*	1725*	1470*	1470*	1370	1057*	1057*	1019				887*	887*	887*	5.25	
-3.0																				

LIFT CAPACITIES – 450MM RUBBER TRACKS, 3360MM BOOM, 2100MM DIPPER, NO BUCKET																				86C TAB
Load Point	2.0m			3.0m			4.0			5.0m						Capacity at maximum reach			Distance	
																				
Height m	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg		
6.0							1557*	1557*	1557*							1265	1507*	1285	4.75	
5.0							1497*	1497*	1497*	1366*	1366*	1211				905	1325*	943	5.71	
4.0				1753*	1753*	1753*	1614*	1614*	1614*	1398*	1398*	1193	1198	1263*	869	741	1237*	784	6.32	
3.0				2618*	2618*	2618*	1865*	1865*	1615	1504*	1504*	1143	1178	1290*	851	654	1183	699	6.69	
2.0							2113	2156*	1484	1510	1631*	1079	1144	1337*	819	609	1145*	655	6.87	
1.0							1993	2328*	1375	1446	1717*	1019	1110	1361*	787	594	1108*	640	6.88	
0.0				1330*	1330*	1330*	1930	2297*	1318	1402	1709*	978	1086	1326*	764	608	1063*	655	6.72	
-1.0	1464*	1464*	1464*	2631*	2631*	2631*	1914	2084*	1303	1385	1576*	962	1079	1177*	758	658	995*	705	6.37	
-2.0	2516*	2516*	2516*	2151*	2151*	2151*	1690*	1690*	1319	1270*	1270*	973				768	874*	814	5.79	
-3.0				1247*	1247*	1247*	1019*	1019*	1019*							598*	598*	598*	4.89	

LIFT CAPACITIES – 450MM RUBBER TRACKS, 3360MM BOOM, 2250MM DIPPER, NO BUCKET																				86C TAB
Load Point	2.0m			3.0m			4.0			5.0m						Capacity at maximum reach			Distance	
																				
Height m	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg	Dozer Up kg	Dozer Down kg	Over Side kg		
6.0							1481*	1481*	1481*							1171	1424*	1196	4.97	
5.0							1433*	1433*	1433*	1316*	1316*	1220				856	1268*	895	5.89	
4.0							1550*	1550*	1550*	1355*	1355*	1199	1203	1227*	874	707	1188*	750	6.48	
3.0				2303*	2303*	2303	1801*	1801*	1628	1465*	1465*	1148	1180	1262*	852	627	1140	671	6.84	
2.0							2102*	2102*	1493	1513	1598*	1081	1144	1314*	818	583	1102*	629	7.02	
1.0							1997	2299*	1377	1445	1696*	1017	1107	1348*	784	569	1069*	615	7.03	
0.0				1425*	1425*	1425*	1925	2299*	1312	1397	1704*	973	1080	1326*	758	582	1029*	628	6.87	
-1.0	1434*	1434*	1434*	2617*	2617*	1970	1902	2114*	1292	1375	1592*	953	1069	1203*	748	627	968*	673	6.53	
-2.0	2738*	2738*	2738*	2276*	2276*	2004	1751*	1751*	1303	1318*	1318*	959				725	860*	771	5.97	
-3.0				1413*	1413*	1413*	1134*	1134*	1134*	705	705*	705*				622*	622*	622*	5.11	



- 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.