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Lifting force tables ET65

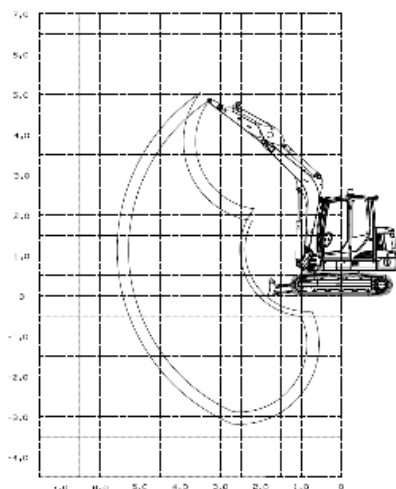


Fig. 1: Lifting force table ET65
Boom without additional rear weight

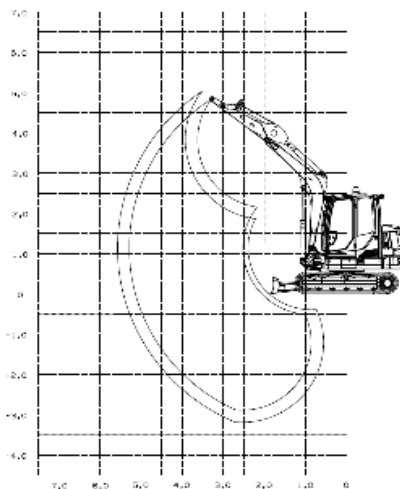


Fig. 2: Lifting force table ET65
Boom with additional rear weight

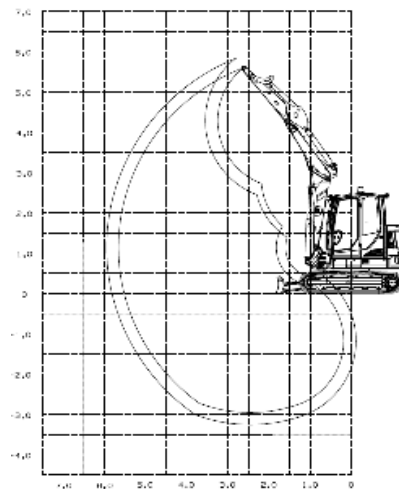


Fig. 3: Lifting force table ET65
Adjustable boom without additional rear weight

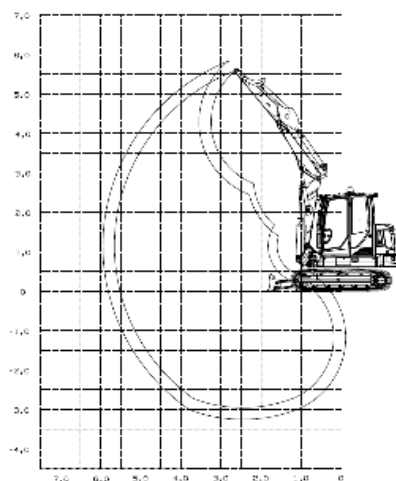


Fig. 4: Lifting force table ET65
Adjustable boom with additional rear weight

max	Permissible load with extended dipper stick
A	Outreach from middle of rotating assembly
B	Load hook height
*	Lifting force limited by hydraulics
	With or without dozer blade support in travel direction
	With or without dozer blade support 90° from the travel direction

All table values are specified in kg (lbs.), in a horizontal position on a solid surface and without a bucket or an attachment.

If a bucket or other attachment is mounted, the lifting force or tipping load is reduced by the device's dead weight.

Base of calculation: according to ISO 10567

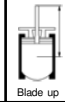
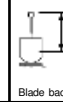
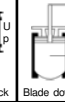
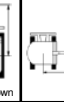
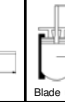
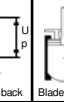
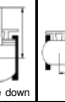
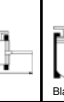
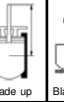
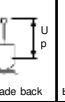
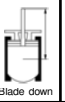
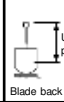
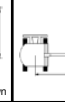
The lifting force of the vehicle is limited by the settings of the pressure relief valves and hydraulic performance or by the tipping safety mechanism.

Neither 75% of the static tipping load nor 87% of the hydraulic lifting force are exceeded.

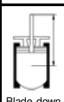
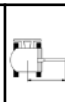
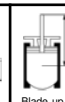
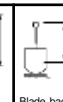
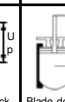
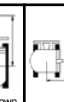
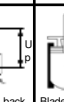
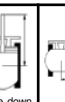
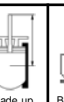
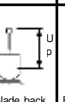
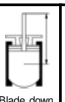
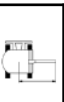
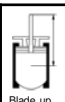
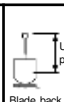
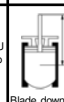
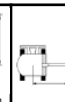


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Lifting force tables ET65

						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																					
		Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up
4,0 m (157.5 in)		1139* (2511*)	959 (2114)	1139* (2511*)	1139* (2511*)					1098* (2421*)	1067 (2352)	1098* (2421*)	1098* (2421*)								
3,0 m (118.1 in)		1130* (2491*)	746 (1645)	903 (1991)	1033 (2277)					1115* (2458*)	1054 (2324)	1115* (2458*)	1115* (2458*)								
2,0 m (78.7 in)		1148* (2531*)	653 (1440)	794 (1750)	914 (2015)	1159* (2555*)	699 (1541)	849 (1872)	975 (2150)	1301* (2868*)	1001 (2207)	1219 (2688)	1301* (2868*)	1658* (3655*)	1562	1658* (3655*)	1658* (3655*)				
1,0 m (39.4 in)		1182* (2606*)	618 (1362)	755 (1665)	873 (1925)	1236* (2725*)	673 (1484)	822 (1812)	948 (2090)	1533* (3780*)	938 (2068)	1152 (2540)	1319 (2908)	2249* (4958*)	1412 (3113*)	1774 (3911)	2023 (4460)				
0,0 m (0 in)		1224* (2698*)	630 (1389)	773 (1704)	894 (1971)	1272* (2804*)	653 (1440)	801 (1766)	927 (2044)	1683* (3710*)	891 (1964)	1103 (2432)	1270 (2800)	2520* (5556*)	1332 (2937)	1687 (3720)	1935 (4266)				
-1,0 m (-39.4 in)		1268* (2795*)	703 (1550)	864 (1905)	999 (2202)					1657* (3653*)	876 (1931)	1086 (2394)	1253 (2762)	2441* (4941*)	1315 (2899)	1669 (3680)	1917 (4226)	4123* (9090*)	2549 (5620)	3466 (7641)	3952 (8713)
-2,0 m (-78.7 in)		1285* (2033*)	912 (2011)	1126 (2482)	1285* (2833*)									2007* (4425*)	1344 (2963)	1699 (3746)	1948 (4295)	3215* (7088*)	2612 (5758)	3215* (7088*)	3215* (7088*)

Tab.1: Lifting force table ET65 – Boom, short dipper stick, rubber track, without additional rear weight

						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																					
		Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up
4,0 m (157.5 in)		1028* (2266*)	837 (1845)	1011 (2229)	1028* (2266*)					936* (2063*)	936* (2063*)	936* (2063*)	936* (2063*)								
3,0 m (118.1 in)		1030* (2271*)	670 (1477)	813 (1792)	933 (2057)	1014* (2235*)	720 (1587)	872 (1922)	997 (2198)	984* (2170*)	984* (2170*)	984* (2170*)	984* (2170*)								
2,0 m (78.7 in)		1052* (2319*)	592 (1305)	722 (1592)	835 (1841)	1072* (2363*)	699 (1541)	850 (1874)	976 (2151)	1183* (2608*)	1009 (2224)	1183* (2608*)	1183* (2608*)	1431* (3155*)	1431* (3155*)	1431* (3155*)	1431* (3155*)				
1,0 m (39.4 in)		1086* (2394*)	561 (1237)	688 (1517)	799 (1761)	1176* (2593*)	668 (1473)	817 (1801)	943 (2079)	1441* (3177*)	940 (2072)	1155 (2547)	1322 (2915)	2074* (4572*)	1434 (3161)	1799 (3966)	2047 (4513)				
0,0 m (0 in)		1128* (2487*)	569 (1254)	701 (1545)	814 (1795)	1250* (2756*)	641 (1413)	790 (1742)	915 (2017)	1634* (3602*)	885 (1951)	1096 (2416)	1264 (2787)	2456* (5415*)	1330 (2932)	1686 (3717)	1934 (4264)	4782* (10542)	2497 (5505)	3409 (7516)	3895 (8587)
-1,0 m (-39.4 in)		1174* (2588*)	625 (1378)	771 (1699)	895 (1973)	1200* (2646*)	633 (1396)	781 (1722)	907 (1999)	1671* (3684*)	859 (1894)	1069 (2357)	1236 (2725)	2481* (5470*)	1296 (2857)	1649 (3635)	1898 (4184)	4419* (9742*)	2502 (5516)	3414 (7527)	3900 (8598)
-2,0 m (-78.7 in)		1212* (2672*)	778 (1715)	971 (2141)	1110 (2447)					1447* (3190*)	869 (1916)	1080 (2381)	1247 (2749)	2172* (4788*)	1310 (2888)	1665 (3671)	1914 (4220)	3640* (8025*)	2554 (5631)	3476 (7663)	3640* (8025*)

Tab.2: Lifting force table ET65 – Boom, long dipper stick, rubber track, without additional rear weight



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						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																					
		Blade down	Blade up	Blade back	Blade down	Blade up	Blade down	Blade up	Blade down	Blade down	Blade up	Blade back	Blade down	Blade up	Blade back	Blade down	Blade up	Blade back	Blade down	Blade up	Blade back
4,0 m (157.5 in)		1139* (2511*)	967 (2132)	1139* (2511*)	1139* (2511*)					1098* (2421*)	1076* (2372*)	1098* (2421*)	1098* (2421*)								
3,0 m (118.1 in)		1130* (2491*)	753 (1660)	912 (2011)	1042 (2297)					1115* (2458*)	1062 (2341)	1115* (2458*)	1115* (2458*)								
2,0 m (78.7 in)		1148* (2531*)	659 (1452)	802 (1768)	921 (2030)	1159* (2555*)	705 (1554)	857 (1889)	983 (2167)	1301* (2868*)	1010 (2227)	1230 (2712)	1301* (2868*)	1658* (3655*)	1575* (3472*)	1658* (3655*)	1658* (3655*)				
1,0 m (39.4 in)		1182* (2605*)	624 (1376)	763 (1682)	880 (1940)	1236* (2725*)	680 (1499)	830 (1830)	956 (2107)	1533* (3380*)	946 (2085)	1163 (2564)	1329 (2930)	2249* (4958*)	1425 (3141)	1791 (3948)	2039 (4495)				
0,0 m (0 in)		1224* (2698*)	636 (1402)	781 (1722)	902 (1988)	1272* (2804*)	660 (1455)	810 (1786)	935 (2061)	1683* (3710*)	900 (1984)	1114 (2456)	1281 (2846)	2520* (5555*)	1344 (2963)	1703 (3754)	1952 (4303)				
-1,0 m (-39.4 in)		1268* (2795*)	710 (1565)	873 (1925)	1008 (2222)					1657* (3653*)	884 (1949)	1097 (2418)	1264 (2786)	2441* (5381*)	1328 (2927)	1685 (3715)	1934 (4263)	4123* (9089*)	2572 (5670)	3499 (7714)	3985 (8785)
-2,0 m (-78.7 in)		1285* (2833*)	921 (2030)	1137 (2507)	1285* (2833*)									2007* (4424*)	1356 (2989)	1716 (3783)	1964 (4329)	3215* (7088*)	2635 (5809)	3215* (7088*)	3215* (7088*)

Tab.3: Lifting force table ET65 – Boom, short dipper stick, steel track, without additional rear weight

						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																					
		Blade down	Blade up	Blade back	Blade down	Blade up	Blade down	Blade up	Blade down	Blade down	Blade up	Blade back	Blade down	Blade up	Blade back	Blade down	Blade up	Blade back	Blade down	Blade up	Blade back
4,0 m (157.5 in)		1028* (2266*)	844 (1860)	1021 (2251)	1028* (2266*)					936* (2063*)	936* (2063*)	936* (2063*)	936* (2063*)								
3,0 m (118.1 in)		1030* (2271*)	676 (1490)	821 (1810)	941 (2075)	1014* (2235*)	726 (1600)	880 (1940)	1005 (2216)	984* (2169*)	984* (2169*)	984* (2169*)	984* (2169*)								
2,0 m (78.7 in)		1052* (2319*)	598 (1318)	730 (1609)	842 (1856)	1072* (2363*)	706 (1556)	858 (1891)	984 (2169)	1183* (2608*)	1018 (2244)	1183* (2608*)	1183* (2608*)	1431* (3155*)	1431* (3155*)	1431* (3155*)	1431* (3155*)				
1,0 m (39.4 in)		1086* (2394*)	567 (1250)	695 (1532)	806 (1777)	1176* (2592*)	674 (1486)	826 (1821)	951 (2097)	1441* (3177*)	948 (2090)	1166 (2570)	1333 (2938)	2074* (4572*)	1446 (3188)	1815 (4001)	2063 (4548)				
0,0 m (0 in)		1128* (2487*)	575 (1267)	708 (1561)	822 (1812)	1250* (2755*)	648 (1428)	798 (1759)	924 (2037)	1634* (3602*)	893 (1968)	1107 (2440)	1274 (2808)	2456* (5414*)	1342 (2958)	1702 (3752)	1951 (4301)	4782* (10542*)	2520 (5555)	3442 (7588)	3928 (8660)
-1,0 m (-39.4 in)		1175* (2590*)	632 (1393)	779 (1717)	904 (1993)	1200* (2645*)	640 (1411)	790 (1741)	915 (2017)	1671* (3684*)	867 (1911)	1080 (2381)	1247 (2749)	2481* (5469*)	1308 (2883)	1665 (3671)	1914 (4219)	4419* (9742*)	2525 (5566)	3447 (7599)	3933 (8670)
-2,0 m (-78.7 in)		1212* (2672*)	785 (1730)	971 (2140)	1120 (2469)					1447* (3190*)	878 (1935)	1097 (2418)	1258 (2773)	2172* (4788*)	1323 (2917)	1681 (3706)	1930 (4255)	3640* (8024*)	2577 (5681)	3508 (7733)	3640* (8024*)

Tab.4: Lifting force table ET65 – Boom, longer dipper stick, steel track, without additional rear weight



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					5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																				
4,0 m (157.5 in)	1139* (2511*)	965 (2127)	1139* (2511*)	1139* (2511*)					1098* (2421*)	1074 (2368)	1098* (2421*)	1098* (2421*)								
3,0 m (118.1 in)	1130* (2491*)	751 (1655)	910 (2006)	1039 (2291)					1115* (2458*)	1060 (2337)	1115* (2458*)	1115* (2458*)								
2,0 m (78.7 in)	1148* (2531*)	657 (1448)	800 (1763)	919 (2026)	1159* (2555*)	704 (1552)	855 (1885)	981 (2162)	1301* (2868*)	1007 (2220)	1227 (2705)	1301* (2868*)	1658* (3655*)	1571 (3463)	1658* (3655*)	1658* (3655*)				
1,0 m (39.4 in)	1182* (2606*)	622 (1371)	761 (1677)	878 (1936)	1236* (2725*)	678 (1494)	828 (1825)	954 (2103)	1533* (3380*)	944 (2081)	1160 (2557)	1327 (2925)	2249* (4958*)	1422 (3135)	1786 (3937)	2034 (4484)				
0,0 m (0 in)	1224* (2698*)	635 (1340)	778 (1715)	900 (1984)	1272* (2804*)	658 (1450)	807 (1779)	933 (2057)	1683* (3710*)	989 (2180)	1111 (2449)	1278 (2817)	2520* (5556*)	1341 (2956)	1699 (3745)	1947 (4292)				
- 1,0 m (- 39.4 in)	1268* (2795*)	708 (1561)	871 (1920)	1005 (2215)					1657* (3653*)	882 (1944)	1094 (2412)	1261 (2780)	2441* (5381*)	1324 (2919)	1681 (3706)	1929 (4252)	4123* (9089*)	2565 (5655)	3490 (7694)	3976 (8766)
- 2,0 m (- 78.7 in)	1285* (2833*)	918 (2024)	1134 (2500)	1285* (2833*)									2007* (4425*)	1353 (2983)	1711 (3772)	1960 (4321)	3215* (7088*)	2629 (5796)	3215* (7088*)	3215* (7088*)

Tab.5: Lifting force table ET65 – Boom, short dipper stick, hybrid track, without additional rear weight

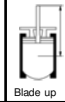
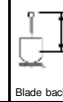
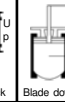
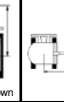
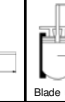
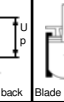
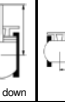
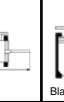
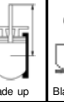
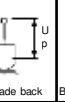
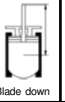
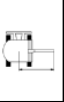
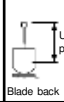
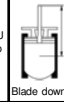
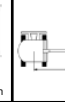
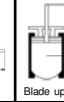
					5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																				
4,0 m (157.5 in)	1028* (2266*)	842 (1856)	1018 (2244)	1028* (2266*)					936* (2063*)	936* (2063*)	936* (2063*)	936* (2063*)								
3,0 m (118.1 in)	1030* (2270*)	675 (1488)	819 (1805)	939 (2070)	1014* (2235*)	724 (1596)	878 (1935)	1003 (2211)	984* (2169*)	984* (2169*)	984* (2169*)	984* (2169*)								
2,0 m (78.7 in)	1052* (2319*)	596 (1314)	728 (1605)	840 (1852)	1072* (2363*)	704 (1552)	856 (1887)	982 (2165)	1183* (2608*)	1015 (2238)	1183* (2608*)	1183* (2608*)	1431* (3155*)	1431* (3155*)	1431* (3155*)	1431* (3155*)				
1,0 m (39.4 in)	1086* (2394*)	565 (1245)	694 (1530)	804 (1772)	1176* (2593*)	673 (1484)	823 (1814)	949 (2092)	1441* (3177*)	946 (2086)	1163 (2564)	1330 (2932)	2074* (4572*)	1443 (3181)	1811 (3993)	2059 (4539)				
0,0 m (0 in)	1128* (2487*)	574 (1265)	706 (1556)	820 (1807)	1250* (2756*)	646 (1424)	796 (1755)	921 (2030)	1634* (3602*)	891 (1964)	1104 (2434)	1271 (2082)	2456* (5414*)	1339 (2952)	1698 (3743)	1946 (4290)	4782* (10542*)	2514 (5542)	3433 (7568)	3919 (8640)
- 1,0 m (- 39.4 in)	1175* (2590*)	630 (1389)	777 (1713)	901 (1986)	1200* (2645*)	638 (1407)	787 (1735)	913 (2013)	1671* (3684*)	865 (1907)	1077 (2374)	1244 (2742)	2481* (5470*)	1305 (2877)	1661 (3662)	1910 (4211)	4419* (9742*)	2518 (5551)	3438 (7579)	3924 (8651)
- 2,0 m (- 78.7 in)	1212* (2672*)	783 (1726)	968 (2134)	1117 (2462)					1447* (3190*)	875 (1929)	1088 (2399)	1255 (2767)	2172* (4788*)	1320 (2910)	1677 (3697)	1925 (4244)	3640* (8025*)	2571 (5668)	3499 (7714)	3640* (8025*)

Tab.6: Lifting force table ET65 – Boom, long dipper stick, long dipper stick, hybrid track, without additional rear weight

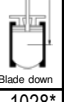
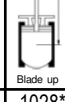
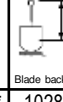
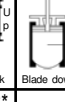
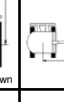
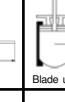
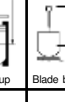
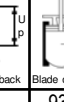
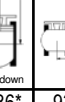
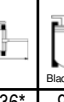
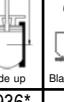
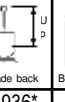
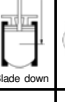
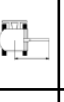
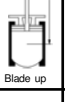
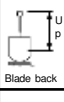
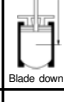
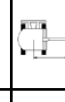
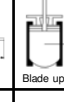


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Lifting force tables ET65

						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																					
		Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up
4,0 m (157.5 in)		1139* (2511*)	1136 (2504)	1139* (2511*)	1139* (2511*)					1098* (2421*)	1098* (2421*)	1098* (2421*)	1098* (2421*)								
3,0 m (118.1 in)		1130* (2491*)	895 (1973)	1071 (2361)	1130* (2491*)					1115* (2458*)	1115* (2458*)	1115* (2458*)	1115* (2458*)								
2,0 m (78.7 in)		1148* (2531*)	790 (1742)	949 (2092)	1068 (2355)	1159* (2555*)	843 (1859)	1012 (2231)	1137 (2507)	1301* (2868*)	1191 (2626)	1301* (2868*)	1301* (2868*)	1658* (3655*)	1658* (3655*)	1658* (3655*)	1658* (3655*)				
1,0 m (39.4 in)		1182* (2606*)	753 (1660)	907 (1999)	1024 (2257)	1236* (2725*)	817 (1801)	985 (2171)	1110 (2447)	1533* (3380*)	1128 (2487)	1369 (3018)	1533* (3380*)	2249* (4958*)	1690 (3726)	2099 (4627)	2249* (4958*)				
0,0 m (0 in)		1224* (2698*)	770 (1697)	930 (2050)	1051 (2317)	1272* (2804*)	798 (1759)	964 (2125)	1089 (2401)	1683* (3710*)	1081 (2383)	1320 (2910)	1486 (3276)	2520* (5556*)	1609 (3547)	2012 (4436)	2259 (4980)				
-1,0 m (-39.4 in)		1268* (2795*)	857 (1889)	1039 (2290)	1173 (2586)					1657* (3653*)	1065 (2348)	1303 (2873)	1469 (3238)	2441* (5381*)	1592 (3510)	1994 (4396)	2241 (4940)	4123* (9090*)	3062 (6750)	4116 (9074)	4123* (9090*)
-2,0 m (-78.7 in)		1285* (2833*)	1103 (2432)	1285* (2833*)	1285* (2833*)									2007* (4425*)	1621 (3574)	2007* (4425*)	2007* (4425*)	3215* (7088*)	3215* (7088*)	3215* (7088*)	3215* (7088*)

Tab.7: Lifting force table ET65 – Boom, short dipping stick, rubber track, with additional rear weight

						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																					
		Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up
4,0 m (157.5 in)		1028* (2266*)	997 (2198)	1028* (2266*)	1028* (2266*)					936* (2063*)	936* (2063*)	936* (2063*)	936* (2063*)								
3,0 m (118.1 in)		1030* (2271*)	808 (1781)	969 (2136)	1030* (2271*)	1014* (2235*)	864 (1905)	1014* (2235*)	1014* (2235*)	984* (2169*)	984* (2169*)	984* (2169*)	984* (2169*)								
2,0 m (78.7 in)		1052* (2319*)	721 (1589)	867 (1911)	979 (2158)	1072* (2363*)	844 (1861)	1013 (2233)	1072* (2363*)	1183* (2608*)	1183* (2608*)	1183* (2608*)	1183* (2608*)	1431* (3155*)	1431* (3155*)	1431* (3155*)	1431* (3155*)				
1,0 m (39.4 in)		1086* (2394*)	688 (1517)	831 (1832)	941 (2075)	1176* (2593*)	812 (1790)	980 (2161)	1105 (2436)	1441* (3177*)	1130 (2491)	1372 (3025)	1441* (3177*)	2074* (4572*)	1711 (3772)	2074* (4572*)	2074* (4572*)				
0,0 m (0 in)		1128* (2487*)	700 (1543)	848 (1869)	961 (2119)	1250* (2756*)	786 (1733)	952 (2099)	1078 (2376)	1634* (3602*)	1074 (2367)	1313 (2895)	1480 (3263)	2456* (5415*)	1607 (3542)	2011 (4433)	2258 (4978)	4782* (10542*)	3010 (6636)	4059 (8948)	4540 (10009)
-1,0 m (-39.4 in)		1175* (2590*)	768 (1693)	932 (2055)	1056 (2328)	1200* (2645*)	778 (1715)	944 (2081)	1069 (2357)	1671* (3684*)	1049 (2313)	1286 (2835)	1452 (3201)	2481* (5470*)	1573 (3468)	1974 (4352)	2221 (4896)	4419* (9742*)	3015 (6647)	4064 (8960)	4419* (9742*)
-2,0 m (-78.7 in)		1212* (2672*)	948 (2090)	1154 (2544)	1212* (2672*)					1447* (3190*)	1059 (2335)	1297 (2859)	1447* (3190*)	2172* (4788*)	1588 (3500)	1990 (4387)	2172* (4788*)	3640* (8025*)	3067 (6762)	3640* (8025*)	3640* (8025*)

Tab.8: Lifting force table ET65 – Boom, long dipper stick, rubber track, with additional rear weight



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Lifting force tables ET65

						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																					
		Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up
4,0 m (157.5 in)		1139* (2511*)	1139* (2511*)	1139* (2511*)	1139* (2511*)					1098* (2421*)	1098* (2421*)	1098* (2421*)	1098* (2421*)								
3,0 m (118.1 in)		1130* (2491*)	902 (1989)	1080 (2381)	1130* (2491*)					1115* (2458*)	1115* (2458*)	1115* (2458*)	1115* (2458*)								
2,0 m (78.7 in)		1148* (2531*)	797 (1757)	957 (2110)	1076 (2372)	1159* (2555*)	850 (1874)	1020 (2249)	1145 (2524)	1301* (2868*)	1199 (2643)	1301* (2868*)	1301* (2868*)	1658* (3655*)	1658* (3655*)	1658* (3655*)	1658* (3655*)				
1,0 m (39.4 in)		1182* (2606*)	759 (1673)	915 (2017)	1032 (2275)	1236* (2725*)	824 (1817)	993 (2189)	1118 (2465)	1533* (3380*)	1136 (2504)	1380 (3042)	1533* (3380*)	2249* (4958*)	1702 (3752)	2116 (4665)	2249* (4958*)				
0,0 m (0 in)		1224* (2698*)	776 (1711)	938 (2068)	1059 (2335)	1272* (2804*)	804 (1772)	972 (2143)	1098 (2421)	1683* (3710*)	1090 (2403)	1331 (2934)	1497 (3300)	2520* (5556*)	1622 (3576)	2028 (4471)	2275 (5015)				
-1,0 m (-39.4 in)		1268* (2795*)	864 (1905)	1048 (2310)	1182 (2306)					1657* (3653*)	1074 (2368)	1314 (2897)	1480 (3263)	2441* (5381*)	1605 (3538)	2010 (4431)	2257 (4976)	4123* (9090*)	3085 (6801)	4123* (9090*)	4123* (9090*)
-2,0 m (-78.7 in)		1285* (2833*)	1112 (2151)	1285* (2833*)	1285* (2833*)									2007* (4427*)	1633 (3600)	2007* (4427*)	2007* (4427*)	3215* (7088*)	3148 (6940)	3215* (7088*)	3215* (7088*)

Tab.9: Lifting force table ET65 – Boom, short dipper stick, steel track, with additional rear weight

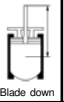
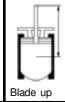
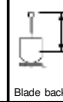
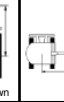
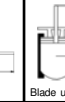
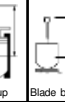
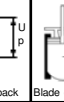
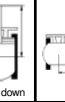
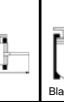
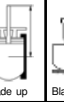
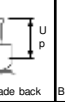
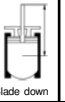
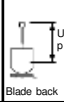
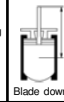
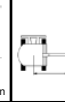
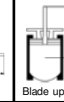
						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																					
		Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up	Blade down	Blade up	Blade back	Blade up
4,0 m (157.5 in)		1028* (2266*)	1004 (2213)	1028* (2266*)	1028* (2266*)					936* (2063*)	936* (2063*)	936* (2063*)	936* (2063*)								
3,0 m (118.1 in)		1030* (2271*)	815 (1797)	977 (2154)	1030* (2271*)	1014* (2235*)	871 (1920)	1014* (2235*)	1014* (2235*)	984* (2169*)	984* (2169*)	984* (2169*)	984* (2169*)								
2,0 m (78.7 in)		1052* (2319*)	727 (1603)	875 (1929)	986 (2174)	1072* (2363*)	850 (1874)	1021 (2251)	1072* (2363*)	1183* (2608*)	1183* (2608*)	1183* (2608*)	1183* (2608*)	1431* (3155*)	1431* (3155*)	1431* (3155*)	1431* (3155*)				
1,0 m (39.4 in)		1086* (2394*)	694 (1530)	838 (1847)	948 (2090)	1176* (2593*)	819 (1806)	988 (2178)	1114 (2456)	1441* (3177*)	1138 (2509)	1383 (2509)	1441* (3177*)	2074* (4572*)	1723 (3798)	2074* (4572*)	2074* (4572*)				
0,0 m (0 in)		1128* (2487*)	706 (1556)	855 (1885)	968 (2134)	1250* (2756*)	792 (1746)	961 (2119)	1086 (2394)	1634* (3604*)	1083 (2388)	1324 (2919)	1490 (3285)	2456* (5414*)	1619 (3569)	2027 (4469)	2274 (5013)	4782* (10542*)	3033 (6687)	4092 (9021)	4572 (10079)
-1,0 m (-39.4 in)		1175* (2590*)	774 (1706)	940 (2072)	1064 (2346)	1200* (2646*)	784 (1728)	952 (2099)	1078 (2376)	1671* (3684*)	1057 (2330)	1297 (2859)	1463 (3225)	2481* (5470*)	1585 (3494)	1991 (4389)	2238 (4934)	4419* (9742*)	3038 (6698)	4097 (9032)	4419* (9742*)
-2,0 m (-78.7 in)		1212* (2672)	956 (2107)	1164 (2566)	1212* (2672*)					1447* (3190*)	1068 (2354)	1308 (2884)	1447* (3190*)	2172* (4788*)	1600 (3527)	2007 (4425)	2172* (4788*)	3640* (8025*)	3090 (6812)	3640* (8025*)	3640* (8025*)

Tab.10: Lifting force table ET65 – Boom, long dipper stick, steel track, with additional rear weight

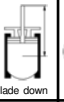
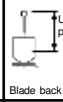
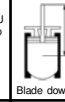
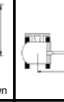
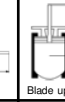
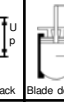
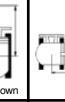
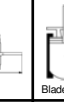
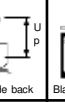
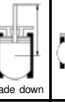
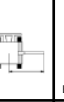
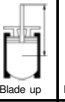
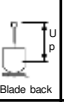
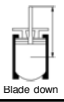
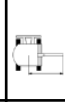
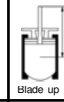


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Lifting force tables ET65

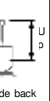
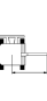
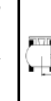
						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																					
		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back	
4,0 m (157.5 in)		1139* (2511*)	1139* (2511*)	1139* (2511*)	1139* (2511*)					1098* (2421*)	1098* (2421*)	1098* (2421*)	1098* (2421*)								
3,0 m (118.1 in)		1130* (2491*)	900 (1984)	1078 (2377)	1130* (2491*)					1115* (2458*)	1115* (2458*)	1115* (2458*)	1115* (2458*)								
2,0 m (78.7 in)		1148* (2531*)	795 (1753)	955 (2105)	1074 (2368)	1159* (2555*)	848 (1870)	1018 (2244)	1143 (2520)	1301* (2868*)	1197 (2639)	1301* (2868*)	1301* (2868*)	1658* (3655*)	1658* (3655*)	1658* (3655*)	1658* (3655*)				
1,0 m (39.4 in)		1182* (2606*)	758 (1671)	913 (2013)	1030 (2270)	1236* (2725*)	822 (1812)	991 (2185)	1116 (2460)	1533* (3380*)	1134 (2500)	1377 (3036)	1533* (3380*)	2249* (4958*)	1699 (3746)	2111 (4654)	2249* (4958*)				
0,0 m (0 in)		1224* (2698*)	775 (1709)	936 (2063)	1057 (2330)	1272* (2804*)	802 (1768)	970 (2138)	1095 (2414)	1683* (3710*)	1087 (2396)	1328 (2928)	1494 (3294)	2520* (5556*)	1618 (3568)	2024 (4462)	2271 (5007)				
- 1,0 m (- 39.4 in)		1268* (2795*)	862 (1900)	1045 (2304)	1179 (2599)					1657* (3653*)	1072 (2363)	1311 (2890)	1477 (3256)	2441* (5381*)	1602 (3532)	2006 (4422)	2253 (4967)	4123* (9090*)	3078 (6786)	4123* (9090*)	4123* (9090*)
- 2,0 m (- 78.7 in)		1285* (2833*)	1110 (2447)	1285* (2833*)	1285* (2833*)									2007* (4425*)	1630 (3594)	2007* (4425*)	2007* (4425*)	3215* (7088*)	3142 (6927)	3215* (7088*)	3215* (7088*)

Tab.11: Lifting force table ET65 – Boom, short dipper stick, hybrid track, with additional rear weight

						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																					
		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back	
4,0 m (157.5 in)		1028* (2266*)	1002 (2209)	1028* (2266*)	1028* (2266*)					936* (2063*)	936* (2063*)	936* (2063*)	936* (2063*)								
3,0 m (118.1 in)		1030* (2271*)	813 (1792)	975 (2149)	1030* (2271*)	1014* (2235*)	869 (1916)	1014* (2235*)	1014* (2235*)	984* (2169*)	984* (2169*)	984* (2169*)	984* (2169*)								
2,0 m (78.7 in)		1052* (2319*)	725 (1598)	873 (1925)	984 (2169)	1072* (2363*)	848 (1869)	1019 (2247)	1072* (2363*)	1183* (2608*)	1183* (2608*)	1183* (2608*)	1183* (2608*)	1431* (3154*)	1431* (3154*)	1431* (3154*)	1431* (3154*)				
1,0 m (39.4 in)		1086* (2394*)	693 (1528)	836 (1843)	946 (2086)	1176* (2593*)	817 (1801)	986 (2174)	1111 (2449)	1441* (3177*)	1136 (2504)	1380 (3042)	1441* (3177*)	2074* (4572*)	1720 (3792)	2074* (4572*)	2074* (4572*)				
0,0 m (0 in)		1128* (2487*)	705 (1554)	853 (1880)	966 (2130)	1250* (2756*)	790 (1742)	958 (2112)	1084 (2390)	1634* (3602*)	1081 (2383)	1321 (2912)	1487 (3278)	2456* (5415*)	1616 (3563)	2023 (4460)	2270 (5004)	4782* (10542*)	3027 (6673)	4083 (9001)	4563 (10060*)
- 1,0 m (- 39.4 in)		1175* (2590*)	773 (1704)	938 (2068)	1061 (2339)	1200* (2646*)	782 (1724)	950 (2094)	1075 (2370)	1671* (3684*)	1055 (2326)	1294 (2853)	1460 (3219)	2481* (5470*)	1582 (3487)	1986 (4378)	2233 (4923)	4419* (9742*)	3031 (6682)	4088 (9012)	4419* (9742*)
- 2,0 m (- 78.7 in)		1212* (2672*)	953 (2101)	1162 (2562)	1212* (2672*)					1447* (3190*)	1065 (2348)	1305 (2877)	1447* (3190*)	2172* (4788*)	1597 (3520)	2002 (4414)	2172* (4788*)	3640* (8025*)	3084 (6799)	3640* (8025*)	3640* (8025*)

Tab.12: Lifting force table ET65 – Boom, long dipper stick, hybrid track, with additional rear weight

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						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B	 Blade down				 Blade up				 Blade back				 Blade down				 Blade up				
	 Blade down	 Blade up	 Blade back	 Blade down	 Blade up	 Blade back	 Blade down	 Blade up	 Blade back	 Blade down	 Blade up	 Blade back	 Blade down	 Blade up	 Blade back	 Blade down	 Blade up	 Blade back	 Blade down		
4,0 m (157.5 in)	1212* (2672*)	754 (1662)	926 (2041)	1062 (2341)						1230* (2712*)	1042 (2297)	1230* (2712*)	1230* (2712*)								
3,0 m (118.1 in)	1150* (2535*)	597 (1316)	740 (1631)	857 (1889)	1168* (2575*)	669 (1475)	825 (1819)	951 (2097)	1308* (2884*)	1002 (2209)	1230 (2712)	1308* (2884*)	1580* (3483*)	1580* (3483*)	1580* (3483*)	1580* (3483*)					
2,0 m (78.7 in)	1121* (2471*)	521 (1149)	652 (1437)	762 (1680)	1219* (2687*)	639 (1409)	794 (1750)	919 (2026)	1489* (3283*)	923 (2035)	1145 (2524)	1312 (2892)	2090* (4608*)	1433 (3159)	1811 (3993)	2059 (4539)	2751* (6065*)	2751* (6065*)	2751* (6065*)	2751* (6065*)	
1,0 m (39.4 in)	1105* (2436*)	491 (1082)	618 (1362)	726 (1600)	1279* (2820*)	600 (1322)	753 (1660)	879 (1938)	1665* (3671*)	838 (1847)	1056 (2328)	1222 (2694)	2516* (5547*)	1241 (2736)	1602 (3532)	1851 (4081)	4597* (10136*)	2508 (5529)	3447 (7599)	3932 (8669)	
0,0 m (0 in)	1086* (2394*)	496 (1093)	628 (1384)	740 (1631)	1279* (2820*)	571 (1259)	722 (1592)	848 (1870)	1724* (3801*)	781 (1722)	996 (2196)	1163 (2564)	2539* (5598*)	1163 (2564)	1518 (3347)	1766 (3893)	4632* (10211*)	2297 (5064)	3200 (7055)	3868 (8527)	
-1,0 m (-39.4 in)	1047* (2308*)	547 (1206)	693 (1528)	814 (1795)	1131* (2493)	566 (1248)	717 (1581)	843 (1859)	1605* (3538*)	763 (1682)	976 (2152)	1143 (2520)	2273* (5011*)	1156* (2549*)	1510 (3329)	1758 (3875)	3240* (7143*)	2305 (5082)	3210 (7077)	3240* (7143*)	
-2,0 m (-78.7 in)	937* (2066*)	685 (1510)	865 (1907)	937* (2066*)					1227* (2705*)	786 (1733)	1000 (2205)	1167 (2573)	1744* (3845*)	1191 (2625)	1549 (3415)	1744* (3845*)	2363* (5210*)	2363* (5210*)	2363* (5210*)	2363* (5210*)	

Tab.13: Lifting force table ET65 – Adjustable boom, short dipper stick, rubber track, without additional rear weight

					5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																				
4,0 m (157.5 in)	1099* (2423*)	663 (1462)	817 (1801)	941 (2075)	1095* (2414*)	683 (1506)	840 (1852)	965 (2127)	1109* (2445*)	1062 (2341)	1109* (2445*)	1109* (2445*)								
3,0 m (118.1 in)	1053* (2321*)	535 (1179)	667 (1470)	777 (1713)	1086* (2394*)	678 (1495)	835 (1841)	961 (2119)	1200* (2646*)	1020 (2249)	1200* (2646*)	1200* (2646*)								
2,0 m (78.7 in)	1032* (2275*)	471 (1038)	593 (1307)	696 (1534)	1157* (2551*)	642 (1415)	797 (1757)	923 (2035)	1394* (3073*)	937 (2066)	1161 (2560)	1328 (2927)	1895* (4178*)	1484 (3272)	1867 (4116)	1895* (4178*)				
1,0 m (39.4 in)	1021* (2251*)	443 (977)	562 (1239)	664 (1464)	1238* (2729*)	597 (1316)	751 (1656)	876 (1931)	1600* (3527*)	844 (1861)	1063 (2344)	1230 (2712)	2401* (5293*)	1271 (2802)	1636 (3607)	1884 (4154)	4277* (9429*)	2550 (5622)	3500 (7716)	3985 (8785)
0,0 m (0 in)	1009* (2224*)	446 (983)	569 (1254)	673 (1484)	1271* (2802*)	561 (1237)	716 (1579)	839 (1850)	1703* (3754*)	776 (1711)	991 (2185)	1158 (2553)	2550* (5622*)	1160 (2557)	1515 (3340)	1764 (3889)	4754* (10481*)	2237 (4932)	3133 (6907)	3620 (7981)
- 1,0 m (- 39.4 in)	984* (2169*)	486 (1071)	619 (1365)	732 (1614)	1190* (2624*)	545 (1202)	697 (1537)	823 (1814)	1642* (3620*)	746 (1645)	959 (2114)	1126 (2482)	2376* (5238*)	1132 (2496)	1486 (3276)	1735 (3825)	3757* (8283*)	2235 (4927)	3130 (6900)	3617 (7974)
- 2,0 m (- 78.7 in)	911* (2008*)	585 (1290)	749 (1651)	879 (1938)					1361* (3000*)	755 (1664)	969 (2136)	1136 (2504)	1936* (4268*)	1155 (2546)	1510 (3329)	1759 (3878)	2874* (6336)	2300 (5071)	2874* (6336*)	2874* (6336*)

Tab.14: Lifting force table ET65 – Adjustable boom, long dipper stick, rubber track, without additional rear weight



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Lifting force tables ET65

						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)						
A B																								
4,0 m (157.5 in)	1212* (2672*)	761 (1678)	935 (2061)	1071 (2361)					1230* (2712*)	1050 (2315)	1230* (2712*)	1230* (2712*)												
3,0 m (118.1 in)	1150* (2535*)	603 (1329)	747 (1647)	865 (1907)	1168* (2575)	676 (1490)	834 (1839)	959 (2114)	1308 (2884)	1011 (2229)	1241 (2736)	1308 (2884)	1580 (3483)	1580 (3483)	1580 (3483)	1580 (3483)								
2,0 m (78.7 in)	1121* (2471*)	527 (1162)	659 (1452)	769 (1695)	1219* (2687*)	645 (1422)	802 (1768)	927 (2044)	1489* (3283)	931 (2053)	1156 (2549)	1323 (2917)	2090* (4608*)	1446 (3188)	1827 (4028)	2075 (4575)	2751* (6065*)	2751* (6065*)	2751* (6065*)	2751* (6065*)				
1,0 m (39.4 in)	1105* (2436*)	496 (1093)	625 (1378)	733 (1616)	1279* (2820*)	606 (1336)	761 (1678)	887 (1956)	1665* (3671*)	846 (1865)	1067 (2352)	1233 (2718)	2516* (5547*)	1253 (2762)	1618 (3567)	1867 (4116)	4597* (10135*)	2531 (5580)	3480 (7672)	3965 (8741)				
0,0 m (0 in)	1086* (2394*)	502 (1107)	635 (1400)	747 (1647)	1279* (2820*)	577 (1272)	731 (1611)	856 (1887)	1274* (2808*)	790 (1742)	1007 (2220)	1173 (2586)	2539* (5598*)	1175 (2590)	1534 (3382)	1783 (3931)	4632* (10211*)	2320 (5115)	3233 (7128)	3719 (8199)				
-1,0 m (-39.4 in)	1047* (2308*)	553 (1219)	701 (1545)	822 (1812)	1131* (2493*)	572 (1261)	726 (1601)	851 (1876)	1605* (3538*)	771 (1700)	987 (2176)	1154 (2544)	2273* (5011*)	1168 (2575)	1526 (3364)	1775 (3913)	3240* (7143*)	2329 (5135)	3240* (7143*)	3240* (7143*)				
-2,0 m (-78.7 in)	937* (2066*)	692 (1526)	874 (1927)	937* (2066*)					1227* (2705*)	794 (1750)	1011 (2229)	1178 (2597)	1744* (3845*)	1204 (2654)	1565 (3450)	1744* (3845*)	2363* (5210*)	2363* (5210*)	2363* (5210*)	2363* (5210*)				

Tab. 15: Lifting force table ET65 – Adjustable boom, short dipper stick, steel track, without additional rear weight

					5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																				
	Blade down		Blade up	Blade back	Blade down	Blade up	Blade up	Blade back	Blade down		Blade up	Blade back	Blade down		Blade up	Blade back	Blade down		Blade up	Blade back
4,0 m (157.5 in)	1099* (2423*)	669 (1475)	825 (1819)	949 (2092)	1095* (2414*)	689 (1519)	848 (1870)	974 (2147)	1109* (2445*)	1071 (2361)	1109* (2445*)	1109* (2445*)								
3,0 m (118.1 in)	1053* (2321*)	541 (1193)	674 (1486)	784 (1728)	1086* (2394*)	685 (1510)	844 (1861)	969 (2136)	1200* (2646*)	1028 (2266)	1200* (2646*)	1200* (2646*)								
2,0 m (78.7 in)	1032* (2275*)	476 (1049)	599 (1321)	703 (1550)	1157* (2551*)	648 (1429)	806 (1777)	931 (2053)	1394* (3073*)	946 (2086)	1172 (2584)	1339 (2952)	1895* (4178*)	1496 (3298)	1884 (4153)	1895* (4178*)				
1,0 m (39.4 in)	1021* (2251*)	449 (990)	569 (1254)	671 (1479)	1238* (2729*)	603 (1329)	759 (1673)	884 (1949)	1600* (3527*)	853 (1880)	1074 (2368)	1241 (2735)	2401* (5293)	1283 (2829)	1652 (3642)	1901 (4191)	4277* (9429*)	2573 (5672)	3533 (7789)	4017 (8856)
0,0 m (0 in)	1009* (2224*)	452 (996)	576 (1270)	680 (1499)	1271* (2802*)	567 (1250)	721 (1590)	847 (1867)	1703* (3754*)	784 (1728)	1002 (2209)	1169 (2577)	2550* (5622*)	1172 (2584)	1532 (3377)	1780 (3924)	4754* (10481*)	2260 (4982)	3166 (6980)	3652 (8051)
- 1,0 m (- 39.4 in)	984* (2169*)	491 (1082)	626 (1380)	739 (1629)	1190* (2624*)	552 (1217)	705 (1554)	831 (1832)	1642* (3620*)	754 (1658)	970 (2138)	1137 (2507)	2376* (5238*)	1145 (2524)	1502 (3311)	1751 (3860)	3757* (8283*)	2258 (4978)	3163 (6973)	3649 (8045)
- 2,0 m (- 78.7 in)	911* (2008*)	596 (1314*)	757 (1669)	888 (1958)					1361* (3000*)	764 (1684)	980 (2161)	1147 (2529)	1936* (4268*)	1167 (2573)	1527 (3366)	1775 (3913)	2874* (6336*)	2323 (5121)	2874* (6336*)	2874* (6336*)

Tab. 16: Lifting force table ET65 – Adjustable boom, long dipper stick, steel track, without additional rear weight



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Lifting force tables ET65

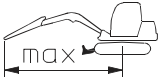
						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)																																																																					
A B	   	   	   	   	   	  	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	 	

Tab.17: Lifting force table ET65 – Adjustable boom, short dipper stick, hybrid track, without additional rear weight

					5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																				
4,0 m (157.5 in)	1099* (2423*)	668 (1473)	823 (1814)	947 (2088)	1095* (2414*)	687 (1515)	846 (1865)	971 (2141)	1109* (2445*)	1068 (2355)	1109* (2445*)	1109* (2445*)								
3,0 m (118.1 in)	1053* (2321*)	539 (1188)	672 (1481)	782 (1724)	1086* (2394*)	683 (1506)	841 (1854)	967 (2132)	1200* (2646*)	1026 (2262)	1200* (2646*)	1200* (2646*)								
2,0 m (78.7 in)	1032* (2275*)	475 (1047)	598 (1318)	701 (1545)	1157* (2551*)	647 (1426)	803 (1770)	929 (2048)	1394* (3073*)	943 (2079)	1169 (2577)	1336 (2945)	1895* (4178*)	1493 (3291)	1879 (4142)	1895* (4178*)				
1,0 m (39.4 in)	1021* (2251*)	447 (985)	567 (1250)	669 (1475)	1328* (2927*)	602 (1327)	757 (1669)	882 (1944)	1600* (3527*)	850 (1874)	1071 (2361)	1238 (2729)	2401* (5293*)	1280 (2822)	1648 (3633)	1896 (4180)	4277* (9429*)	2567 (5659)	3524 (7769)	4008 (8836)
0,0 m (0 in)	1009* (2224*)	450 (992)	574 (1265)	678 (1495)	1271* (2802*)	566 (1248)	719 (1585)	845 (1863)	1703* (3754*)	782 (1724)	999 (2202)	1166 (2571)	2550* (5622*)	1169 (2577)	1527 (3366)	1776 (3915)	4754* (10481*)	2254 (4969)	3157 (6960)	3643 (8031)
- 1,0 m (- 39.4 in)	984* (2169*)	490 (1080)	624 (1376)	737 (1625)	1190* (2624*)	550 (1213)	703 (1550)	829 (1828)	1642* (3620*)	752 (1658)	967 (2132)	1134 (2500)	2376* (5238*)	1142 (2518)	1498 (3303)	1746 (3849)	3757* (8283*)	2251 (4963)	3154 (6953)	3640 (8025)
- 2,0 m (- 78.7 in)	911* (2008*)	594 (1310)	755 (1664)	885 (1951)					1361* (3000*)	761 (1678)	977 (2154)	1144 (2522)	1936* (4268*)	1164 (2566)	1522 (3355)	1771 (3904)	2874* (6336*)	2317 (5108)	2874* (6336*)	2874* (6336*)

Tab.18: Lifting force table ET65 – Adjustable boom, long dipper stick, hybrid track, without additional rear weight

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						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B	 Blade down	 Blade up	 Blade back	 U/P	 Blade down	 Blade up	 Blade back	 U/P	 Blade down	 Blade up	 Blade back	 U/P	 Blade down	 Blade up	 Blade back	 U/P	 Blade down	 Blade up	 Blade back		
4,0 m (157.5 in)	1212* (2672*)	909 (2004)	1102 (2429)	1212* (2672*)					1230* (2712*)	1230* (2712*)	1230* (2712*)	1230* (2712*)									
3,0 m (118.1 in)	1150* (2535*)	732 (1614)	892 (1967)	1009 (2224)	1168* (2575*)	814 (1795)	988 (2178)	1113 (2454)	1308* (2884*)	1192 (2628)	1308* (2884*)	1308* (2884*)	1580* (3483*)	1580* (3483*)	1580* (3483*)	1580* (3483*)					
2,0 m (78.7 in)	1121* (2471*)	648 (1429)	794 (1750)	904 (1993)	1219* (2687*)	783 (1726)	956 (2108)	1081 (2383)	1489* (3283*)	1113 (2454)	1362 (3003)	1489* (3283*)	2090* (4608*)	1710 (3770)	2090* (4608*)	2090* (4608*)	2751* (6065*)	2751* (6065*)	2751* (6065*)	2751* (6065*)	
1,0 m (39.4 in)	1105* (2436*)	615 (1356)	758 (1671)	866 (1909)	1279* (2820*)	744 (1640)	916 (2019)	1041 (2295)	1665* (3671*)	1028 (2266)	1273 (2806)	1439 (3172)	2516* (5545*)	1518 (3347)	1927 (4248)	2174 (4793)	4597* (10135*)	3021 (6660)	4097 (9032)	4577 (10091)	
0,0 m (0 in)	1086* (2394*)	625 (1378)	722 (1592)	883 (1947)	1279* (2820*)	715 (1576)	885 (1951)	1010 (2227)	1742* (3840*)	971 (2141)	1213 (2674)	1379 (3040)	2539* (5598*)	1440 (3175)	1843 (4063)	2090 (4608)	4632* (10212*)	2810 (6195)	2850 (6283)	4331 (9548)	
- 1,0 m (- 39.4 in)	1047* (2308*)	687 (1515*)	850 (1874)	970 (2138)	1131* (2493*)	710 (1565)	880 (1940)	1005 (2216)	1605* (3538*)	953 (2101)	1193 (2630)	1359 (2996)	2273* (5011*)	1433 (3159)	1835 (4045)	2082 (4590)	3240* (7143*)	2818 (6213)	3240* (7143*)	3240* (7143*)	
- 2,0 m (- 78.7 in)	937* (2066*)	850 (1874)	937* (2066*)	937* (2066*)					1227* (2705*)	976 (2152)	1217 (2683)	1227* (2705*)	1744* (3845*)	1469 (3239)	1744* (3845*)	1744* (3845*)	2363* (5210*)	2363* (5210*)	2363* (5210*)	2363* (5210*)	

Tab.19: Lifting force table ET65 – Adjustable boom, short dipper stick, rubber track, with additional rear weight

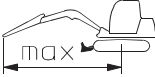
					5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																				
4,0 m (157.5 in)	1099* (2423*)	805 (1775)	978 (2156)	1099* (2423*)	1095* (2414*)	827 (1823)	1003 (2211)	1095* (2414*)	1109* (2445*)	1109* (2445*)	1109* (2445*)	1109* (2445*)								
3,0 m (118.1 in)	1053* (2321*)	662 (1459)	809 (1784)	918 (2024)	1086* (2394*)	822 (1812)	998 (2200)	1086* (2394*)	1200* (2646*)	1200* (2646*)	1200* (2646*)	1200* (2646*)								
2,0 m (78.7 in)	1032* (2275*)	590 (1301)	726 (1601)	829 (1828)	1157* (2551*)	786 (1733)	960 (2116)	1085 (2392)	1394* (3073*)	1127 (2485)	1378 (3038)	1394* (3073*)	1895* (4178*)	1761 (3882)	1895* (4178*)	1895* (4178*)				
1,0 m (39.4 in)	1021* (2251*)	561 (1237)	694 (1530)	796 (1755)	1238* (2729*)	741 (1634)	913 (2013)	1038 (2288)	1600* (3527*)	1034 (2280)	1280 (2822)	1446 (3188)	2401* (5293*)	1548 (3413)	1961 (4323)	2208 (4868)	4277* (9429*)	3063 (6753)	4150 (9149)	4277* (9429*)
0,0 m (0 in)	1009* (2224*)	567 (1250)	704 (1552)	808 (1781)	1271* (2802*)	705 (1554)	876 (1931)	1001 (2207)	1703* (3754*)	966 (2130)	1208 (2663)	1374 (3029)	2550* (5622*)	1437 (3168)	1841 (4059)	2088 (4603)	4754* (10481*)	2750 (6063)	3783 (8340)	4264 (9401)
- 1,0 m (- 39.4 in)	984* (2169*)	615 (1356)	765 (1686)	877 (1933)	1190* (2624*)	690 (1521)	860 (1896)	985 (2172)	1642* (3620*)	936 (2064)	1176 (2593)	1342 (2959)	2376* (5238*)	1410 (3109)	1811 (3993)	2058 (4537)	3757* (8283*)	2748 (6058)	3757* (8283*)	3757* (8283*)
- 2,0 m (- 78.7 in)	911* (2008*)	739 (1629)	911* (2008*)	911* (2008*)					1361* (3000*)	945 (2083)	1186 (2615)	1352 (2981)	1936* (4268*)	1432 (3157)	1835 (4045)	1936* (4268*)	2874* (6336*)	2813 (6202)	2874* (6336*)	2874* (6336*)

Tab.20: Lifting force table ET65 – Adjustable boom, long dipper stick, rubber track, with additional rear weight

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						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																					
	Blade down	Blade up	Blade back	U P	Blade down	Blade up	Blade back	U P	Blade down	Blade up	Blade back	U P	Blade down	Blade up	Blade back	U P	Blade down	Blade up	Blade back	U P	
4,0 m (157.5 in)	1212* (2672*)	916 (2019)	1111 (2449)	1212* (2672*)					1230* (2712*)	1230* (2712*)	1230* (2712*)	1230* (2712*)									
3,0 m (118.1 in)	1150* (2535*)	738 (1627)	900 (1984)	1016 (2240)	1168* (2575*)	820 (1808)	996 (2196)	1121 (2471)	1308* (2884*)	1201 (2648)	1308* (2884*)	1308* (2884*)	1580* (3483*)	1580* (3483*)	1580* (3483*)	1580* (3483*)					
2,0 m (78.7 in)	1121* (2471*)	654 (1442)	802 (1768)	911 (2008)	1219* (2687*)	790 (1762)	965 (2127)	1090 (2403)	1489* (3283*)	1121 (2471)	1373 (3027)	1489* (3283*)	2090* (4608*)	1723 (3799)	2090* (4608*)	2090* (4608*)	2751* (6065*)	2751* (6065*)	2751* (6065*)	2751* (6065*)	
1,0 m (39.4 in)	1105* (2436*)	621 (1369)	765 (1687)	873 (1925)	1279* (2820*)	751 (1656)	924 (2037)	1049 (2313)	1665* (3671*)	1036 (2284)	1284 (2831)	1449 (3194)	2516* (5547*)	1530 (3373)	1944 (4286)	2190 (4828)	4597* (10135*)	3044 (6711)	4130 (9105)	4597* (10135*)	
0,0 m (0 in)	1086* (2394*)	631 (1391)	780 (1720)	891 (1964)	1279* (2820*)	721 (1590)	893 (1969)	1081 (2383)	1724* (3801*)	979 (2158)	1224 (2698)	1390 (3064)	2539* (5818*)	1453 (3203)	1859 (4098)	2106 (4643)	4632* (10212*)	2833 (6246)	3883 (8561)	4364 (9621)	
-1,0 m (-39.4 in)	1047* (2308*)	693 (1528)	858 (1892)	978 (2156)	1131* (2493*)	717 (1581)	888 (1958)	1013 (2233)	1605* (3538*)	961 (2119)	1204 (2654)	1370 (3020)	2273* (5011*)	1445 (3186)	1851 (4081)	2098 (4625)	3240* (7143*)	2842 (6266)	3240* (7143*)	3240* (7143*)	
-2,0 m (-78.7 in)	937* (2066*)	857 (1889)	937* (2066*)	937* (2066*)					1227* (2705*)	984 (2169)	1227* (2705*)	1227* (2705*)	1744* (3845*)	1481 (3265)	1744* (3845*)	1744* (3845*)	2363* (5210*)	2363* (5210*)	2363* (5210*)	2363* (5210*)	

Tab.21: Lifting force table ET65 – Adjustable boom, short dipper stick, steel track, with additional rear weight

		5,0 m (196.8 in)							4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																				
4,0 m (157.5 in)	1099* (2423*)	812 (1790)	986 (2174)	1099* (2423*)	1095* (2414*)	833 (1836)	1011 (2229)	1095* (2414*)	1109* (2445*)	1109* (2445*)	1109* (2445*)	1109* (2445*)								
3,0 m (118.1 in)	1053* (2321*)	668 (1473)	816 (1799)	925 (2039)	1086* (2394*)	829 (1828)	1006 (2218)	1086* (2394*)	1200* (2646*)	1200* (2646*)	1200* (2646*)	1200* (2646*)								
2,0 m (78.7 in)	1032* (2275*)	596 (1314)	733 (1616)	836 (1843)	1157* (2551*)	793 (1748)	968 (2134)	1093 (2410)	1394* (3073*)	1135 (2502)	1189 (2621)	1394* (3073*)	1895* (4178*)	1773 (3909)	1895* (4178*)	1895* (4178*)				
1,0 m (39.4 in)	1021* (2251*)	566 (1248)	701 (1545)	802 (1768)	1238* (2729*)	748 (1649)	922 (2033)	1047 (2308)	1600* (3527*)	1043 (2299)	1291 (2846)	1457 (3212)	2401* (5293*)	1560 (3439)	1978 (4361)	2224 (4903)	4277* (9429*)	3086 (6803)	4183 (9222)	4277* (9429*)
0,0 m (0 in)	1009* (2224*)	573 (1263)	711 (1567)	815 (1797)	1271* (2802*)	712 (1570)	884 (1949)	1009 (2224)	1703* (3754*)	974 (2147)	1219 (2687)	1385 (3053)	2550* (5622*)	1449 (3194)	1857 (4094)	2104 (4639)	4754* (10481*)	2773 (6113)	3816 (8412)	4297 (9473)
- 1,0 m (- 39.4 in)	984* (2169*)	621 (1369)	772 (1702)	884 (1949)	1190* (2624*)	696 (1534)	868 (1914)	993 (2189)	1642* (3620*)	944 (2081)	1187 (2617)	1353 (2983)	2376* (5238*)	1422 (3135)	1828 (4030)	2075 (4575)	3757* (8283*)	2771 (6109)	3757* (8283*)	3757* (8283*)
- 2,0 m (- 78.7 in)	911* (2008*)	746 (1645)	911* (2008*)	911* (2008*)					1361* (3000*)	953 (2101)	1197 (2639)	1361* (3000*)	1936* (4268*)	1444 (3183)	1852 (4083)	1936* (4268*)	2874* (6336*)	2836 (6252)	2874* (6336*)	2874* (6336*)

Tab.22: Lifting force table ET65 – Adjustable boom, long dipper stick, steel track, with additional rear weight

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						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																					
		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back	
4,0 m (157.5 in)		1212* (2672*)	914 (2015)	1108 (2443)	1212* (2672*)					1230* (2712*)	1230* (2712*)	1230* (2712*)	1230* (2712*)								
3,0 m (118.1 in)		1150* (2535*)	737 (1625)	897 (1978)	1014 (2235)	1168* (2575*)	818 (1803)	994 (2191)	1119 (2467)	1308* (2884*)	1199 (2643)	1308* (2884*)	1308* (2884*)	1580* (3483*)	1580* (3483*)	1580* (3483*)	1580* (3483*)				
2,0 m (78.7 in)		1121* (2471*)	652 (1437)	800 (1764)	909 (2004)	1219* (2687*)	788 (1737)	962 (2121)	1087 (2396)	1489* (3283*)	1119 (2467)	1370 (3020)	1489* (3283*)	2090* (4608*)	1719 (3790)	2090* (4608*)	2090* (4608*)	2751* (6065*)	2751* (6065*)	2751* (6065*)	2751* (6065*)
1,0 m (39.4 in)		1105* (2436*)	620 (1367)	763 (1682)	871 (1920)	1279* (2820*)	749 (1651)	922 (2033)	1047 (2308)	1665* (3671*)	1034 (2280)	1281 (2824)	1446* (3187*)	2516* (5547*)	1527 (3366)	1939 (4275)	2186 (4819)	4597* (10135*)	3038 (6698)	4121 (9085)	4597* (10135*)
0,0 m (0 in)		1086* (2394*)	629 (1387)	778 (1715)	889 (1960)	1279* (2820*)	720 (1587)	891 (1964)	1016 (2240)	1724* (3801*)	977 (2154)	1221 (2692)	1387 (3058)	2539* (5598*)	1449 (3194)	1855 (4090)	2102 (4634)	4362* (10212*)	2827 (6232)	3874 (8541)	4355 (9601)
-1,0 m (-39.4 in)		1047* (2308*)	691 (1523)	855 (1885)	976 (2152)	1131* (2493*)	715 (1576)	886 (1953)	1011 (2229)	1605* (3538*)	959 (2114)	1201 (2648)	1367 (3014)	2273* (5011*)	1442 (3179)	1847 (4072)	2094 (4616)	3240* (7143*)	2835 (6250)	3240* (7143*)	3240* (7143*)
-2,0 m (-78.7 in)		937* (2066*)	855 (1885)	937* (2066*)	937* (2066*)					1227* (3807*)	982 (2165)	1225 (2701)	1227* (2705*)	1744* (3845*)	1478 (3258)	1744* (3845*)	1744* (3845*)	2363* (5210*)	2363* (5210*)	2363* (5210*)	2363* (5210*)

Tab.23: Lifting force table ET65 – Adjustable boom, short dipper stick, hybrid track, with additional rear weight

						5,0 m (196.8 in)				4,0 m (157.5 in)				3,0 m (118.1 in)				2,0 m (78.7 in)			
A B																					
		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back		Blade down	Blade up	Blade back	
4,0 m (157.5 in)		1099* (2423*)	810 (1786)	983 (2167)	1099* (2423*)	1095* (2414*)	832 (1834)	1009 (2224)	1095* (2414*)	1109* (2445*)	1109* (2445*)	1109* (2445*)	1109* (2445*)								
3,0 m (118.1 in)		1053* (2321*)	666 (1468)	814 (1795)	923 (2035)	1086* (2394*)	827 (1823)	1004 (2213)	1086* (2394*)	1200* (2646*)	1200* (2646*)	1200* (2646*)	1200* (2646*)								
2,0 m (78.7 in)		1032* (2275*)	594 (1310)	731 (1612)	834 (1839)	1157* (2551*)	791 (1744)	966 (2130)	1091* (2405*)	1394* (3073*)	1133 (2498)	1386 (3056)	1394* (3073*)	1895* (4178*)	1770 (3904)	1895* (4178*)	1895* (4178*)				
1,0 m (39.4 in)		1021* (2251*)	565 (1246)	699 (1541)	801 (1766)	1238* (2729*)	746 (1645)	919 (2026)	1044 (2301)	1600* (3527*)	1040 (2293)	1288 (2840)	1454 (3206)	2401* (5293*)	1557 (3433)	1973 (4350)	2220 (4894)	4277* (9429*)	3080 (6790)	4174 (9202)	4277* (9429*)
0,0 m (0 in)		1009* (2224*)	571 (1259)	709 (1563)	813 (1792)	1271* (2802*)	710 (1565)	882 (1944)	1007 (2220)	1703* (3754*)	972 (2143)	1216 (2681)	1382 (3047)	2550* (5622*)	1446 (3188)	1853 (4085)	2099 (4628)	4754* (10481*)	2767 (6100)	3807 (8393)	4288 (9453)
-1,0 m (-39.4 in)		984* (2169*)	620 (1367)	770 (1698)	882 (1944)	1190* (2624*)	695 (1532)	886 (1953)	991 (2185)	1642* (3120*)	942 (2077)	1184 (2610)	1350 (2976)	2376* (5238*)	1419 (3128)	1823 (4019)	2070 (4564)	3757* (8283*)	2764 (6094)	3757* (8283*)	3757* (8283*)
-2,0 m (-78.7 in)		911* (2008*)	744 (1640)	911* (2008*)	911* (2008*)					1361* (3000*)	951 (2097)	1194 (2632)	1360 (2998)	1936* (4268*)	1441 (3177)	1847 (4072)	1936* (4268*)	2874* (6336*)	2830 (6239)	2874* (6336*)	2874* (6336*)

Tab.24: Lifting force table ET65 – Adjustable boom, long dipper stick, hybrid track, with additional rear weight