

TC: 10071755/A - Hijstabel / Traglasttabelle / Lifting chart / Tableau de levage



0 t



Technical drawing of the bridge deck showing dimensions and load capacity. The deck is 7,95 x 7,66 m. It is shown with a truck load of 60 t and a distributed load of 3.1 t/m.

m																											
		3,5	13	15	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	
	14	LM 1	5000	9,91m 5000	2949	2339	2044	1806	1611	1448	1309	1190	1087	997	917	846	782	725	673	626	583	543	500				
	11	LM 2	5000	10,4m 5000	3139	2495	2182	1930	1724	1552	1406	1280	1171	1075	991	916	848	788	733	683	637	595	550				
	14	LM 1	5000	10,41m 5000	3151	2504	2190	1938	1731	1558	1412	1286	1176	1080	996	920	853	792	737	685	637	595	550				
	11	LM 2	5000	10,08m 5000	3381	2692	2358	2089	1869	1684	1528	1394	1277	1175	1085	1004	932	868	809	754	702	652	603				
kg																											

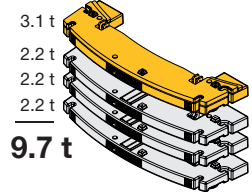
Technical drawing of the 7.5 t bridge crane. The top view shows a rectangular footprint with dimensions 7,95 x 7,66 m. The side view shows the crane's profile with a yellow upper beam and grey lower beams. The lifting capacity is indicated as 7.5 t, with individual beam capacities of 3.1 t, 2.2 t, and 2.2 t.

																													
				3,5	13	15	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	m
	14	LM 1	5000		16,58m 5000	4532	3997	3568	3215	2920	2670	2455	2269	2105	1961	1832	1717	1613	1519	1434	1356	1284	1218	1158	1101	1049	1000		
	11	LM 2	10000		9,9m 10000	6072	4889	4315	3854	3476	3160	2891	2661	2461	2285	2131	1993	1869	1758	1657	1566	1482	1405	1334	1269	1209	1152	1100	
	14	LM 1	5000		17,34m 5000	4783	4221	3769	3398	3089	2826	2600	2404	2232	2080	1945	1824	1715	1616	1527	1445	1369	1300						
	11	LM 2	10000		10,4m 10000	6433	5184	4578	4091	3691	3357	3074	2831	2619	2434	2271	2125	1995	1877	1771	1674	1586	1505	1430					kg

[illegible]



7.95 x 5.72m



			3,5	13	15	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	m
	14	LM 1	5000	8,85m 5000	2925	2320	2026	1790	1596	1434	1297	1179	1077	987	908	837	774	717	665	618	576	536	500				
	11	LM 2	5000	10,31m 5000	3114	2474	2163	1914	1709	1538	1393	1268	1160	1065	981	906	839	779	725	675	630	588	550				kg

			3,5	13	15	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	m
	14	LM 1	5000	8,78m 5000	2495	1969	1713	1508	1339	1199	1079	977	888	809	741	679	624	575	530	45,4m 500							
	11	LM 2	5000	9,19m 5000	2659	2103	1833	1616	1437	1289	1162	1054	960	877	804	739	681	629	582	45,4m 550							kg



7,95 x 7,66 m

			3,5	13	15	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	m
	14	LM 1	5000	17,22m 5000	4744	4186	3737	3369	3062	2801	2577	2382	2212	2061	1927	1807	1699	1601	1512	1431	1356	1275					
	11	LM 2	10000	11,7m 10000	7394	5969	5277	4722	4266	3884	3561	3283	3042	2831	2644	2478	2329	2195	2074	1964	1863	1770	1685	1606	1533	1466	1402
	14	LM 1	5000	19,68m 5000	4907	4388	3962	3605	3303	3044	2819	2621	2447	2291	2152	2027	1914	1810	1716	1630	1550						
	11	LM 2	10000	11,7m 10000	7470	6030	5332	4771	4311	3926	3599	3319	3076	2862	2674	2506	2356	2220	2098	1986	1885	1791	1705				kg

			3,5	13	15	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	m
	14	LM 1	5000	17,22m 5000	4744	4186	3737	3369	3062	2801	2577	2382	2212	2061	1927	1807	1699	1601	1512	1431	1356	1275					
	11	LM 2	5000	18,4m 5000	4538	4055	3659	3327	3046	2805	2596	2412	2250	2105	1976	1859	1754	1658	1570	1490	1402						
	14	LM 1	5000	17,33m 5000	4781	4219	3768	3397	3087	2824	2599	2403	2231	2079	1944	1823	1714	1616	1520	1431	1356	1275					
	11	LM 2	5000	18,60m 5000	4589	4101	3701	3366	3082	2838	2626	2441	2277	2131	2000	1882	1776	1680	1590	1500	1410	1320					

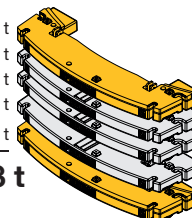


SK1265-AT5 eLift

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3.1 t
2.2 t
2.2 t
2.2 t
3.1 t

12.8 t



7.95 x 5.72m

			3,5	13	15	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	m 60
	14	LM 1	5000	13,32m 5000	4324	3461	3043	2707	2432	2201	2006	1838	1692	1564	1451	1351	1261	1180	1106	1039	978	922	871	823	779	738	700
	11	LM 2	10000	8,09m 10000	4630	3711	3266	2908	2614	2369	2161	1982	1826	1690	1570	1463	1367	1281	1203	1131	1066	1007	952	901	854	811	770
	14	LM 1	5000	13,59m 5000	4434	3551	3123	2780	2497	2261	2061	1889	1740	1609	1494	1391	1299	1216	1141	1072	1010	953	900				
	11	LM 2	10000	8,27m 10000	4773	3829	3370	3002	2700	2447	2233	2049	1890	1750	1626	1516	1417	1328	1248	1175	1108	1046	990				

kg

			3,5	13	15	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	m 60
	14	LM 1	5000	11,79m 5000	3709	2960	2596	2304	2065	1864	1694	1548	1422	1310	1212	1125	1047	976	912	854	801	753	700	52,4m			
	11	LM 2	5000	12,45m 5000	3975	3177	2790	2479	2223	2010	1829	1674	1539	1420	1316	1223	1139	1064	996	934	878	826	770	52,4m			
	14	LM 1	5000	12,04m 5000	3807	3040	2668	2369	2123	1918	1744	1594	1465	1351	1250	1161	1081	1009	943	878	816	757	700	45,4m			
	11	LM 2	5000	12,77m 5000	4103	3281	2883	2562	2300	2080	1894	1734	1595	1473	1365	1269	1184	1106	1036	964	896	832	770	45,4m			

kg



7,95 x 7,66 m

			3,5	13	15	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	m 60
	14	LM 1	10000	13,3m 10000	8694	7030	6223	5575	5042	4597	4220	3896	3614	3368	3150	2956	2782	2626	2484	2355	2237	2129	2030	1938	1853	1774	1700
	11	LM 2	10000	13,3m 10000	8694	7030	6223	5575	5042	4597	4220	3896	3614	3368	3150	2956	2782	2626	2484	2355	2237	2129	2030	1938	1853	1774	1700
	14	LM 1	10000	13,6m 10000	8960	7247	6416	5749	5201	4743	4354	4021	3731	3477	3253	3053	2874	2713	2568	2435	2314	2202	2100				
	11	LM 2	10000	13,6m 10000	8960	7247	6416	5749	5201	4743	4354	4021	3731	3477	3253	3053	2874	2713	2568	2435	2314	2202	2100				

kg

			3,5	13	15	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	m 60
	14	LM 1	5000	.....	.....	.....	21,2m 5000	4797	4334	3947	3619	3337	3093	2878	2689	2520	2369	2233	2110	1998	1896	1802	52,4m 1700				
	11	LM 2	5000	.....	.....	.....	21,2m 5000	4797	4334	3947	3619	3337	3093	2878	2689	2520	2369	2233	2110	1998	1896	1802	52,4m 1700				
	14	LM 1	5000	.....	.....	.....	21,81m 5000	4951	4474	4076	3738	3448	3196	2975	2780	2607	2451	2311	2184	45,4m 2100							
	11	LM 2	5000	.....	.....	.....	21,81m 5000	4951	4474	4076	3738	3448	3196	2975	2780	2607	2451	2311	2184	45,4m 2100							

kg



≤ 5000 kg



≤ 10000 kg



= m/s



60m / 0°
52m / 0°



52,4m / 30°
45,4m / 30°

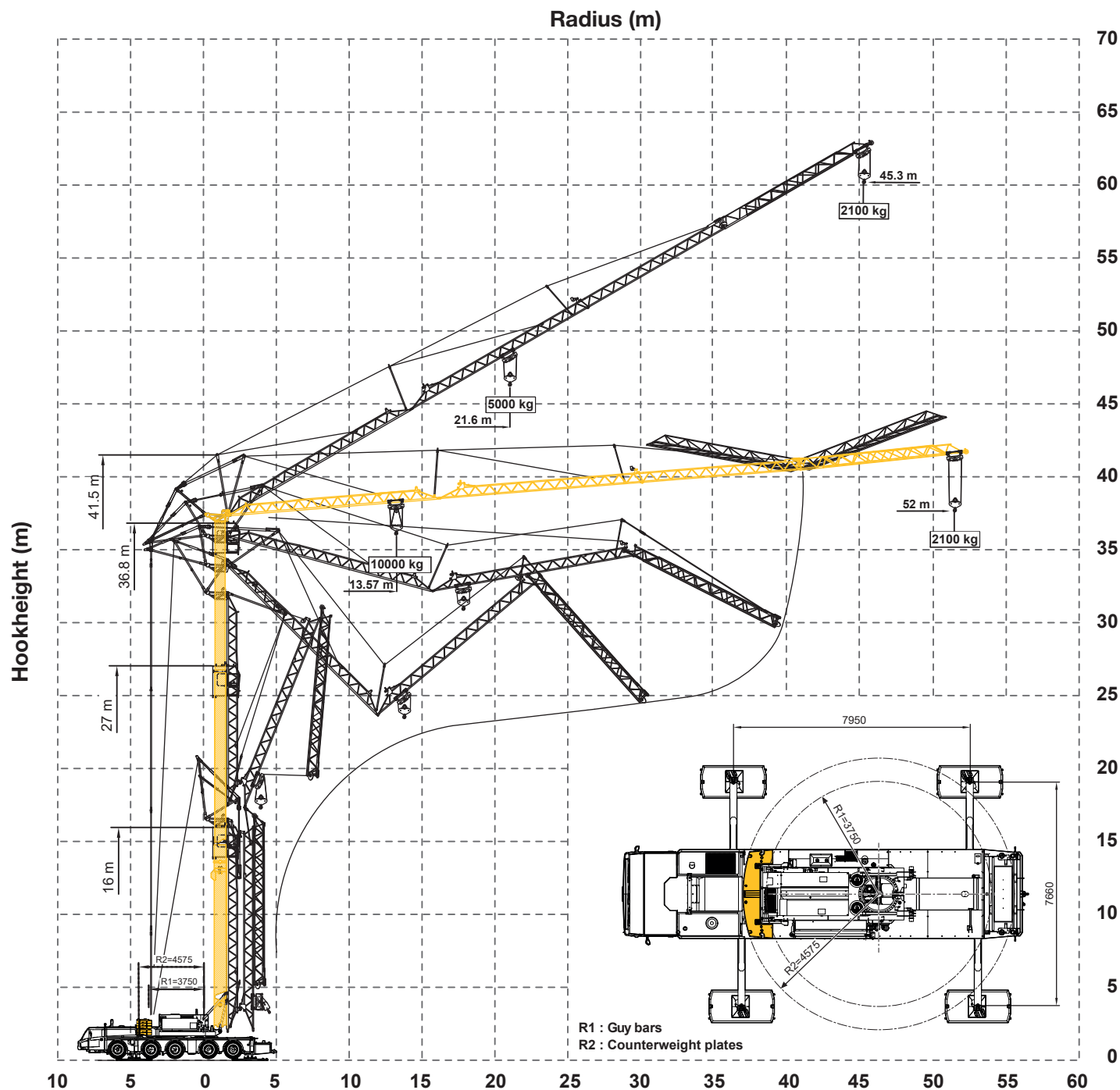
SK1265-AT5 eLift

Erecting procedure of the crane 52 m configuration

Max. outrigger force : 520 kN
Outrigger support pads : 750x600 mm
Ground pressure : 1,15 N/mm²

Jib can be unfolded through 360°
Luffing the jib 30° can be controlled from
the crane cab or remote control

outrigger support plates : 2200x1095 mm
Surface rea : 2,35 m²
Ground pressure : 0,22 N/mm²



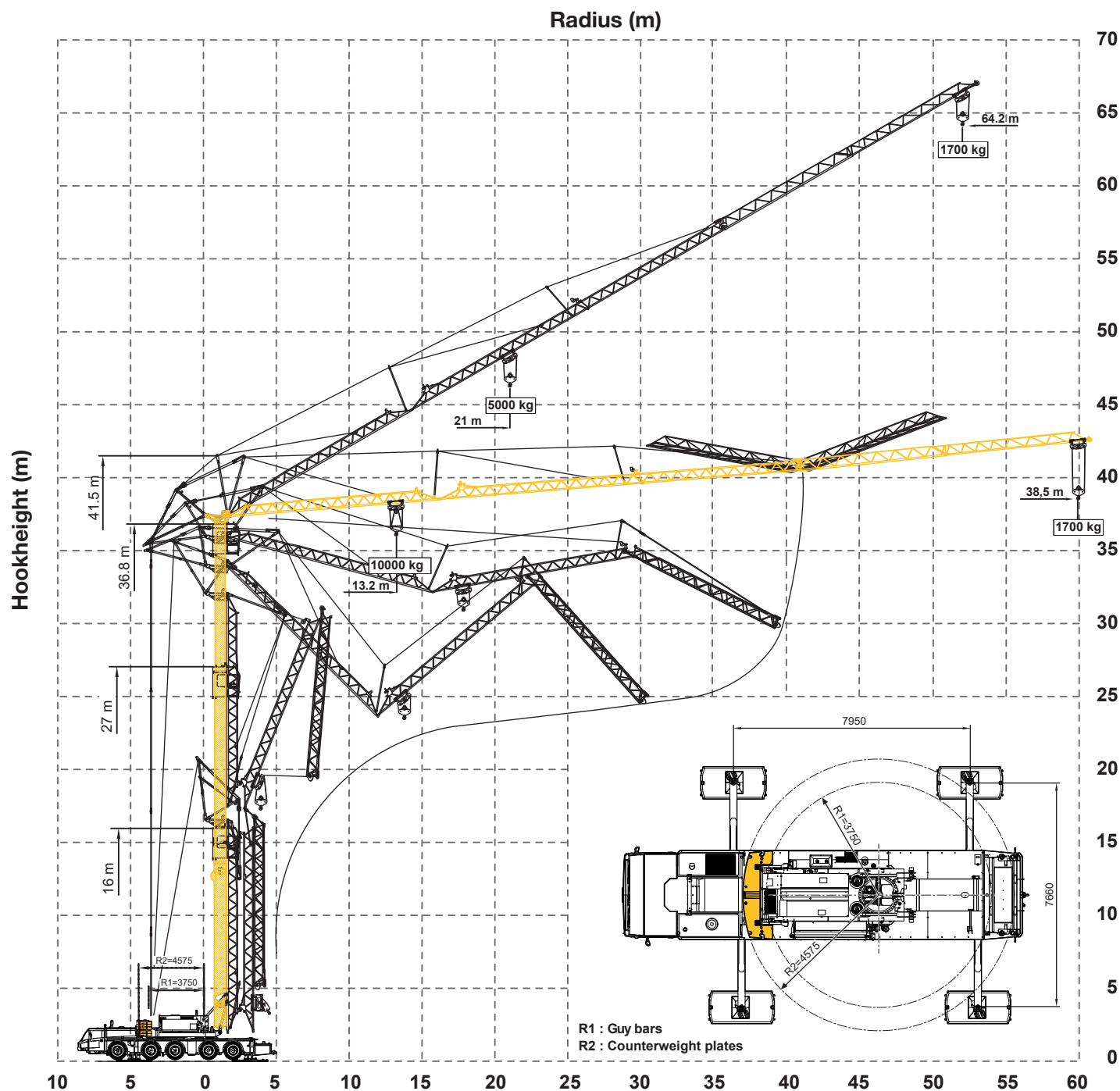
SK1265-AT5 eLift

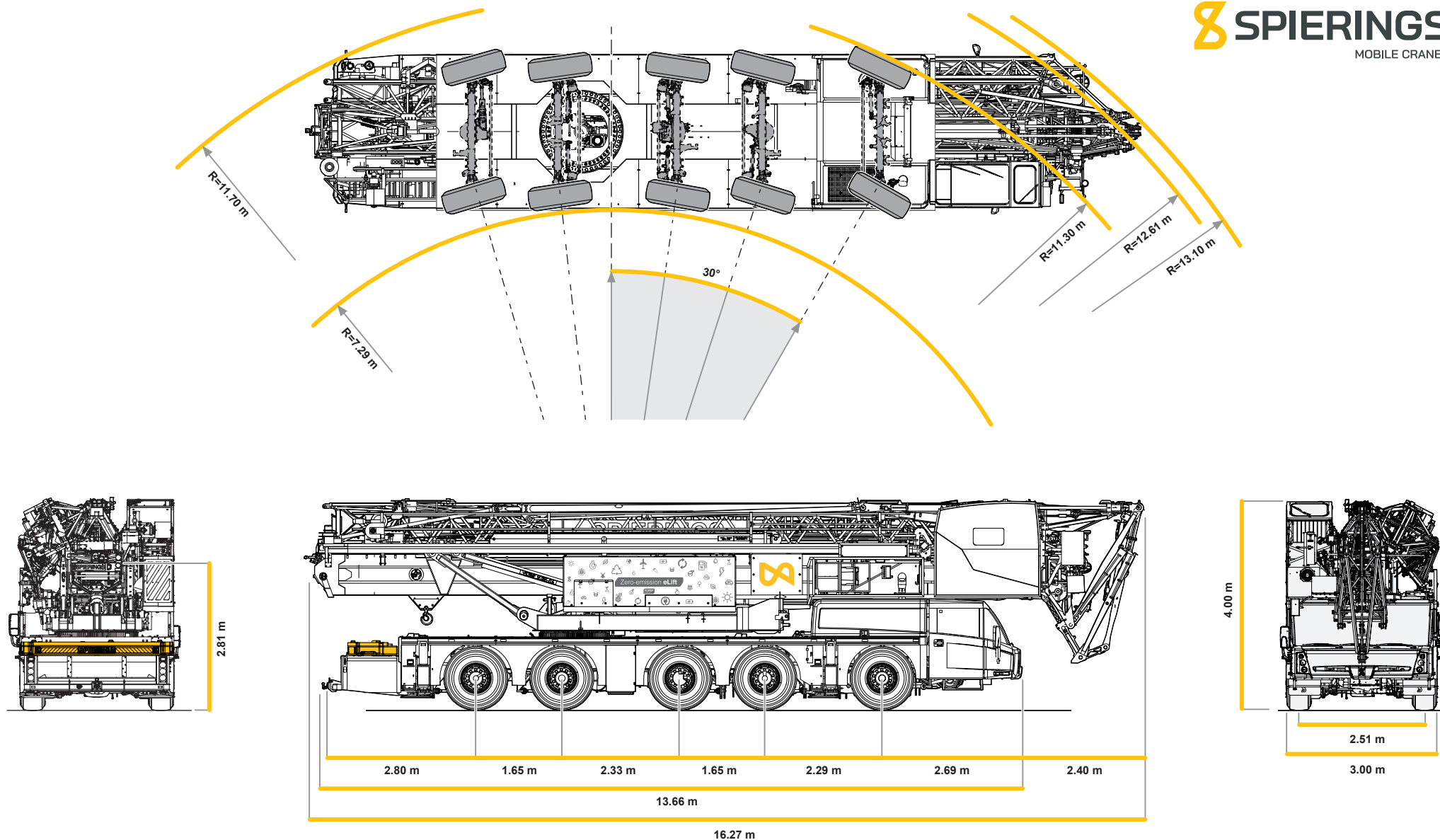
Erecting procedure of the crane 60 m configuration

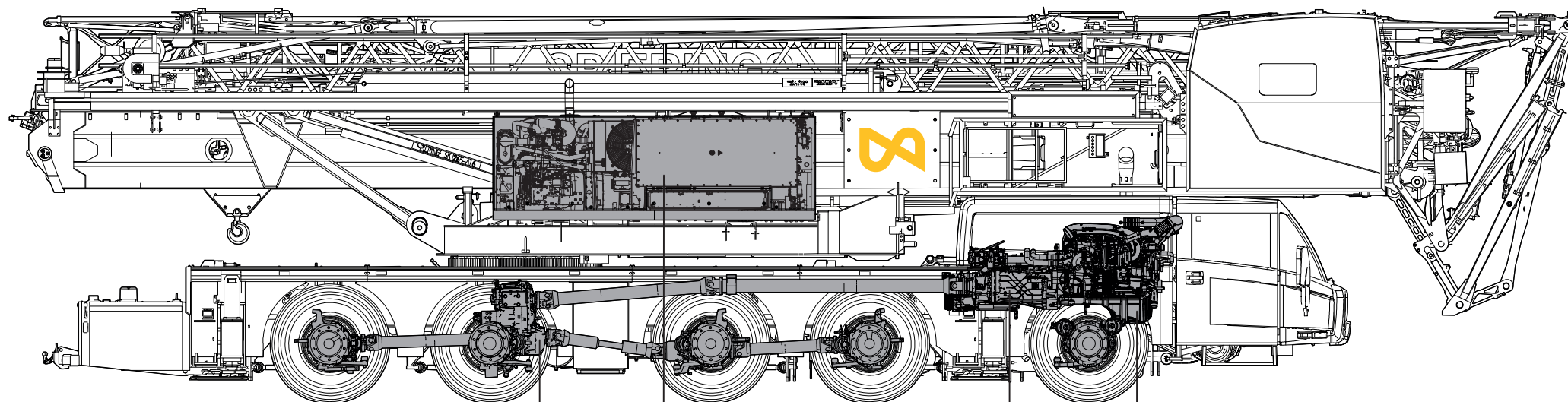
Max. outrigger force : 520 kN
Outrigger support pads : 750x600 mm
Ground pressure : 1,15 N/mm²

Jib can be unfolded through 360°
Luffing the jib 30° can be controlled from
the crane cab or remote control

outrigger support plates : 2200x1095 mm
Surface area : 2,35 m²
Ground pressure : 0,22 N/mm²







Axle 5

Axle 4

Axle 3

Axle 2

Axle 1

Transfer box:
ZF TC 27

Road gear $i=0,87$
Off-road gear $i=1,54$

Hybrid Powerpack:

Diesel engine: John Deere 3029HI530

Power: 55 kW (2400 rpm)

Torque: 292 Nm (1600 rpm)

Motor/generator: Danfoss EM-PMI375-T500

Power: 130 kW (2300 rpm)

Torque: 538 Nm (2300 rpm)

Battery:

Nom. voltage: 666 V DC

Capacity: 48 Ah

Energy: 31,97 kWh

Gearbox:

ZF Traxon 16TX-3441 SO

Automatic + Intarder

Dry plate clutch

Carrier diesel engine:

DAF: MX13-390 H4 Euro VI (12,9 ltr)

Power: 390 kW (1675 rpm)

Torque: 2600 Nm (1000-1400 rpm)

Axle 1 : Steer axle

Axle 2 : Steer drive axle (end reduction $i=6,35$)

Axle 3 : Steer drive axle (end reduction $i=6,35$)

Axle 4 : Steer axle

Axle 5 : Steer drive axle (end reduction $i=6,35$)

Kessler-axes with disc brakes

Tyres

Suspension

Stroke suspension

Max. speed carrier

Min. speed carrier (engine at 1000 rpm)

Overall weight

: 445/75 R22,5

: Hydro-pneumatic on all axles

: 247 mm

: 83 km/h

: 1,4 km/h

: 60.000 kg