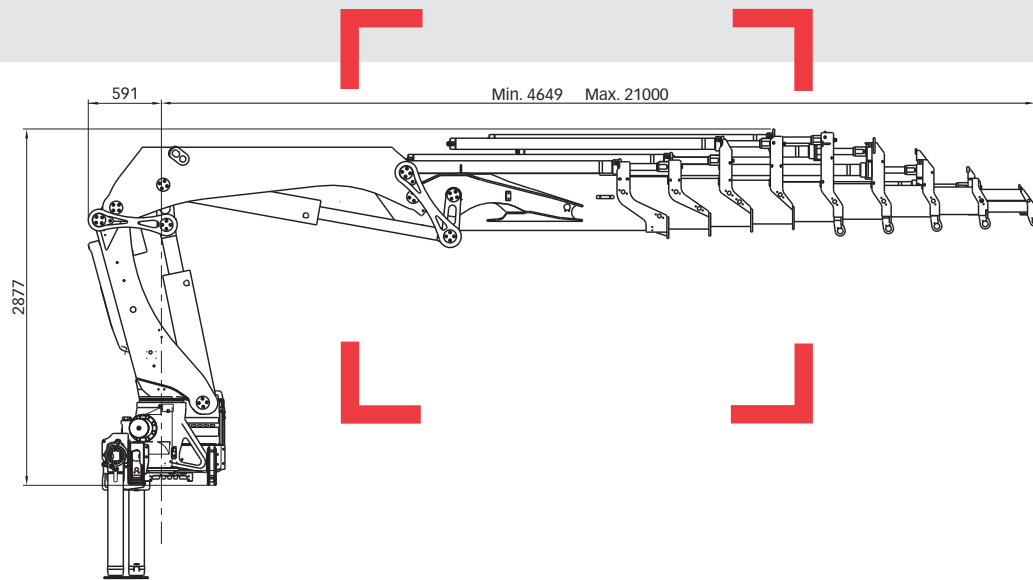
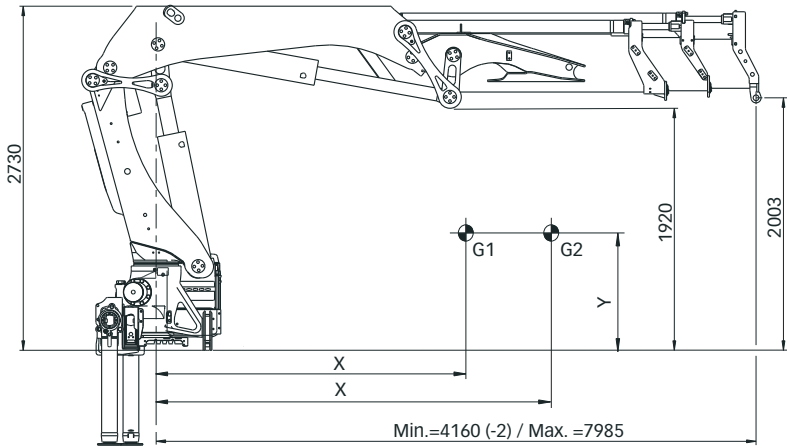


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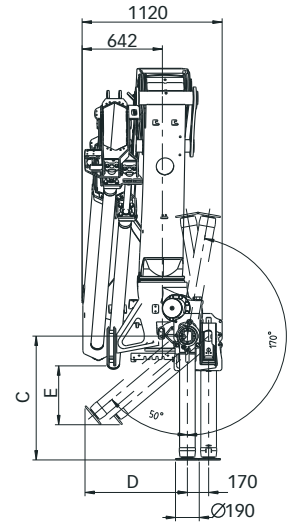


Technical data

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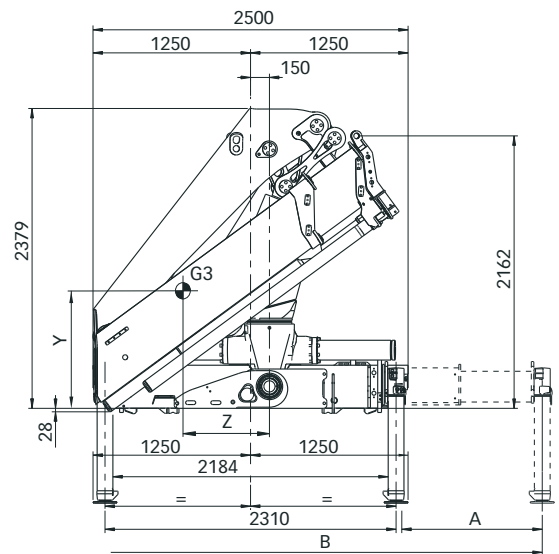
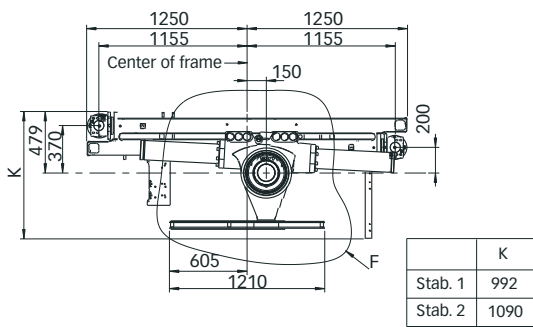
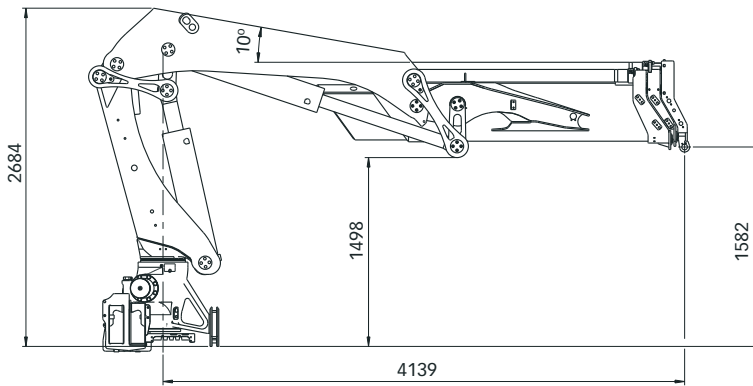


	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	846	1267	84	839	1260	83	829	1250	82	823	1244	81
G2	1198	1267	84	1190	1260	83	1177	1250	82	1168	1244	81
G3	78	774	161	76	771	161	73	765	160	71	761	160

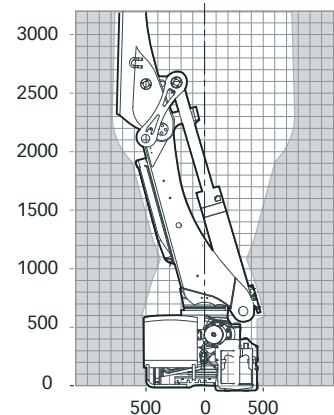
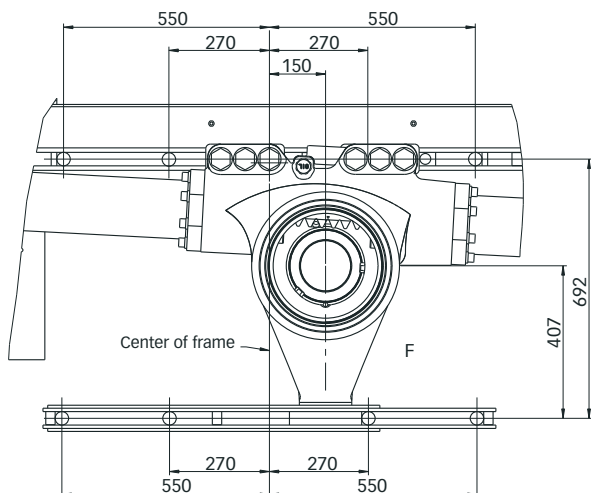


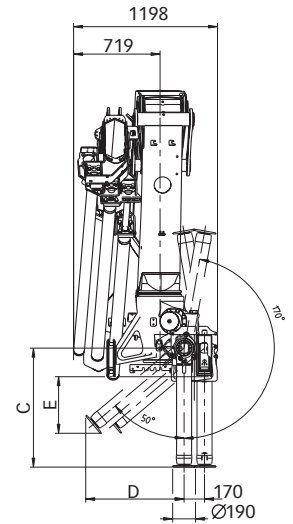
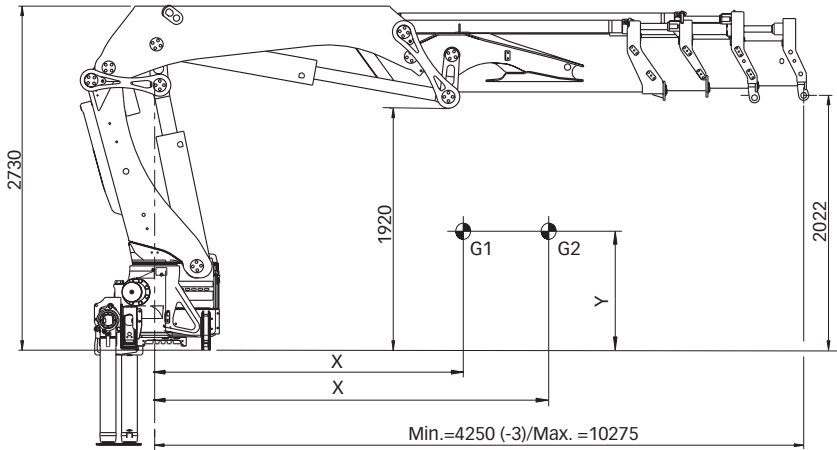
Stabilizers cylinders dimensions

	Tilting 50			Tilting 170		
	C	D	E	C	D	E
Medium length	990	819	470	1193		
Long length	1090	896	534	1293		



	Extensions 5.8 mts	Extensions 7 mts
A	1738	2322
B	5786	6954

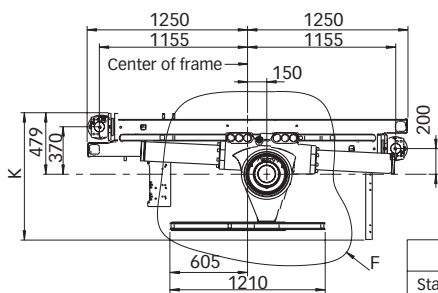
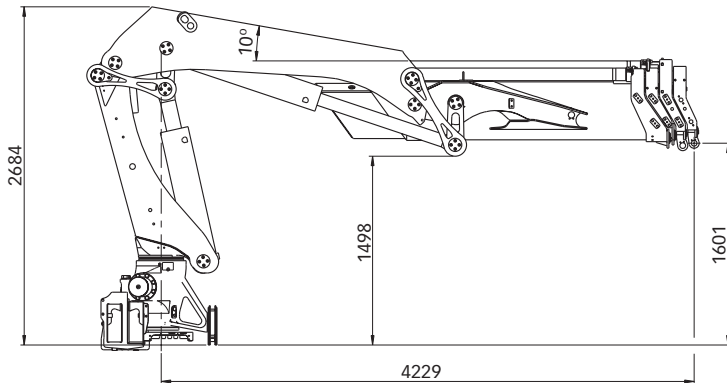




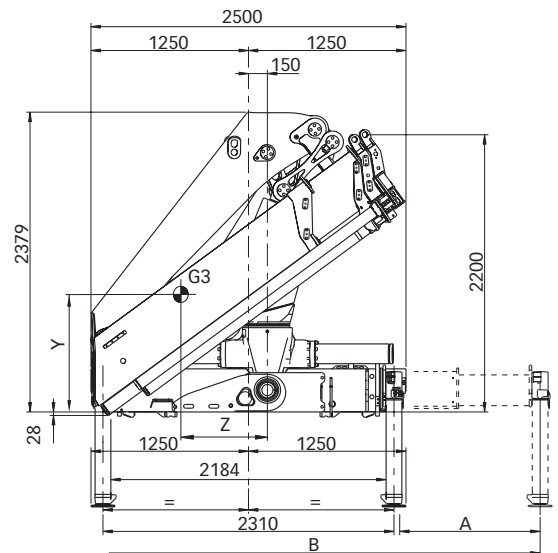
	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	975	1329	109	968	1322	108	958	1313	106	951	1306	105
G2	1653	1329	109	1642	1322	108	1627	1313	106	1616	1306	105
G3	103	796	151	101	793	151	98	787	150	96	784	150

Stabilizers cylinders dimensions

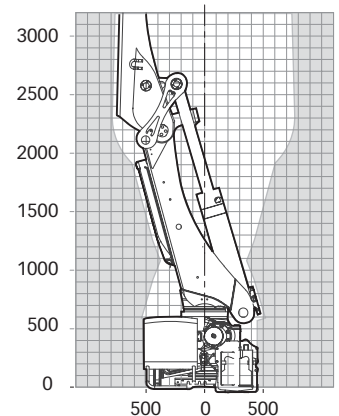
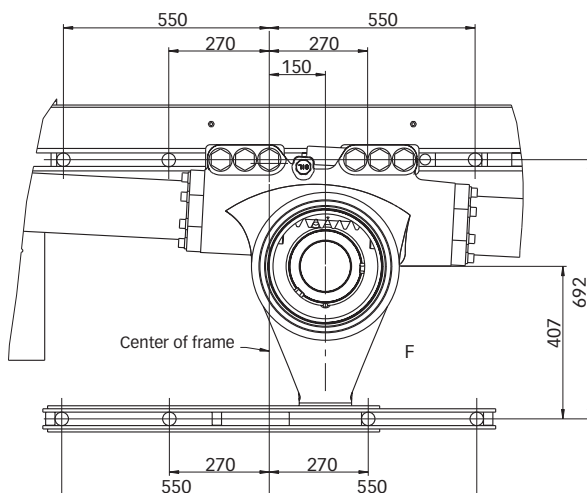
	Tilting 50			Tilting 170		
	C	D	E	C	D	E
Medium length	990	819	470	1193		
Long length	1090	896	534	1293		



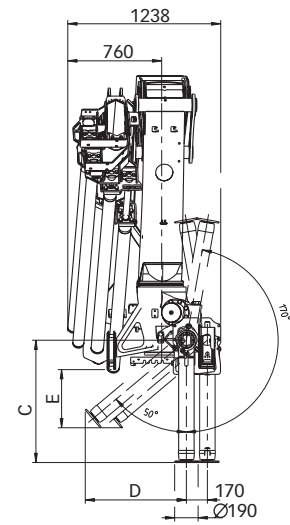
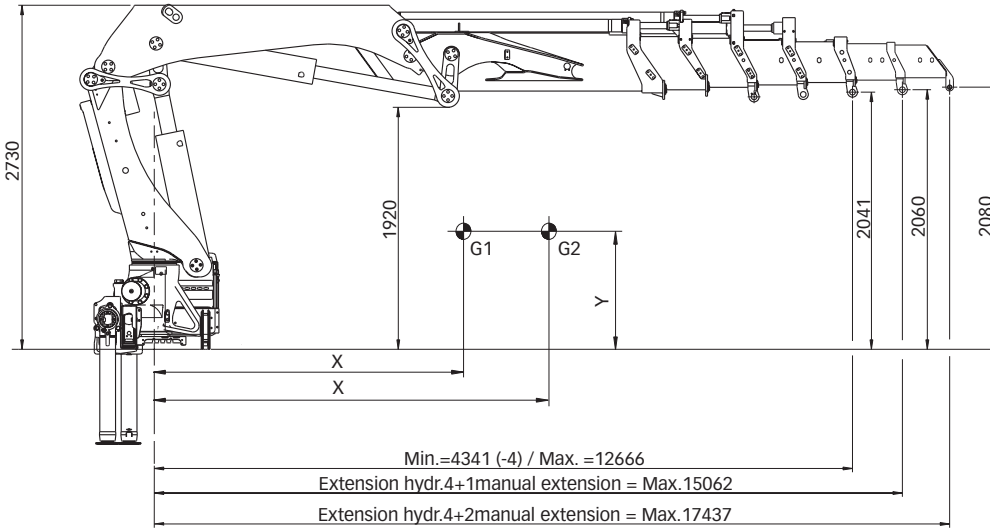
	K
Stab. 1	992
Stab. 2	1090



	Extensions 5.8 mts	Extensions 7 mts
A	1738	2322
B	5786	6954

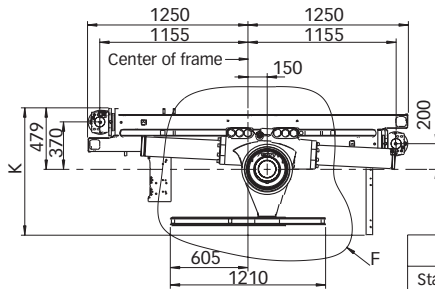
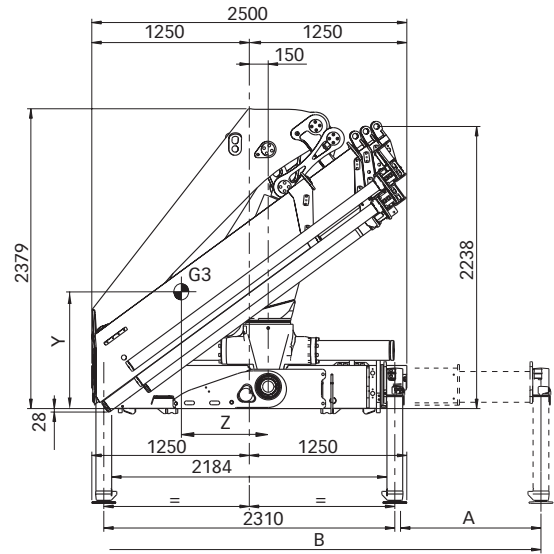
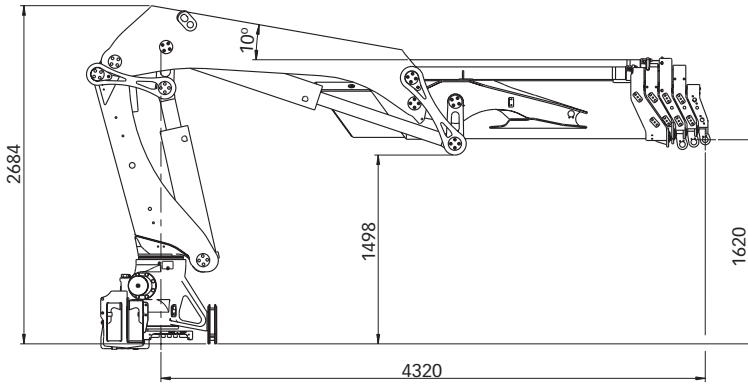


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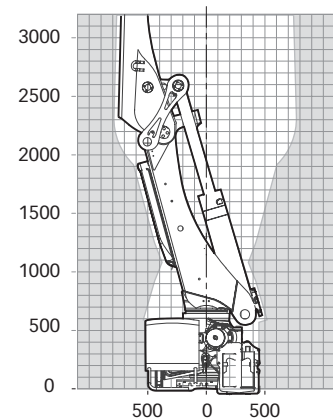
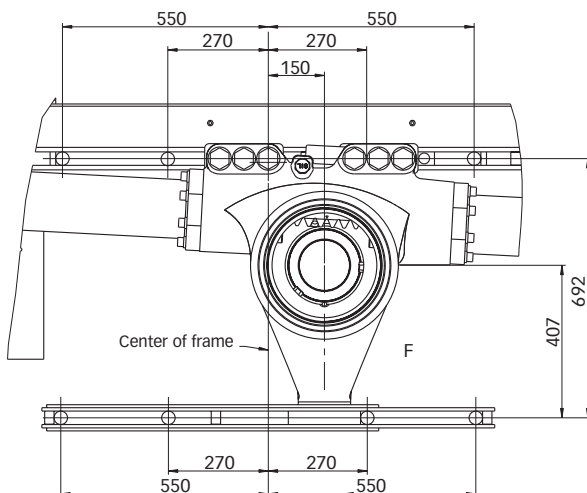
	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1086	1379	131	1079	1372	130	1069	1362	128	1062	1356	127
G2	2160	1379	131	2147	1372	130	2129	1362	128	2116	1356	127
G3	125	819	142	123	815	142	120	810	142	118	806	141

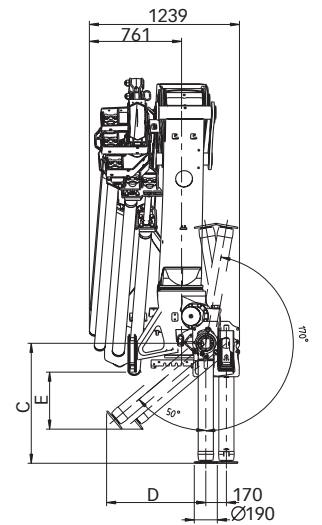
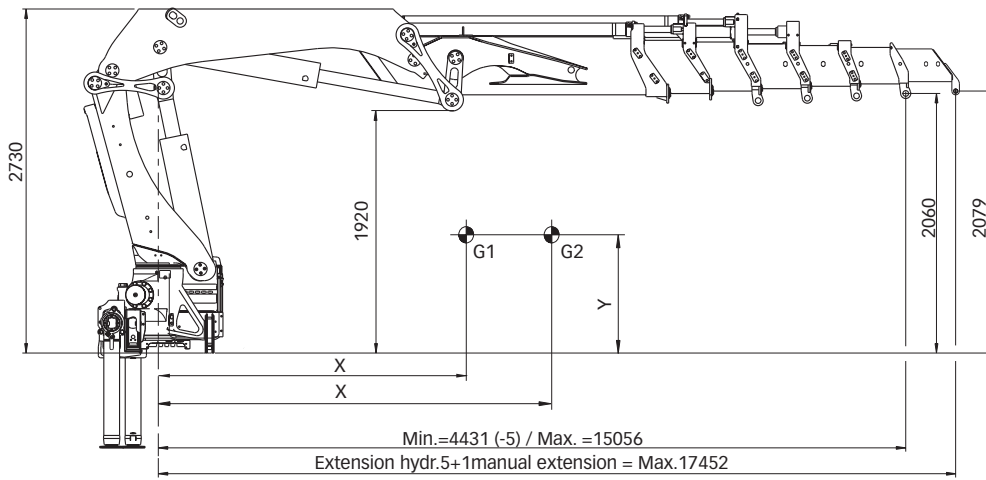
	Tilting 50			Tilting 170		
	C	D	E	C	D	E
Medium length	990	819	470	1193		
Long length	1090	896	534	1293		



	K
Stab. 1	992
Stab. 2	1090

	Extensions 5.8 mts	Extensions 7 mts
A	1738	2322
B	5786	6954

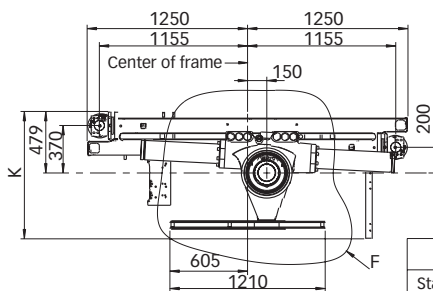
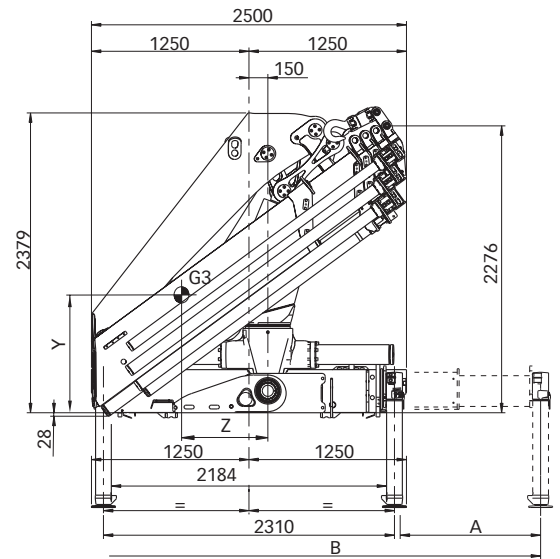
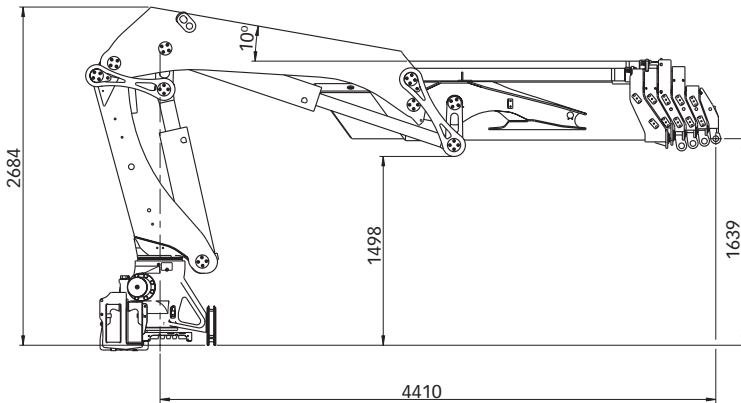




	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1167	1410	146	1159	1404	145	1149	1394	143	1142	1388	142
G2	2607	1410	146	2592	1404	145	2571	1394	143	2556	1388	142
G3	140	838	135	138	835	135	135	829	135	133	826	134

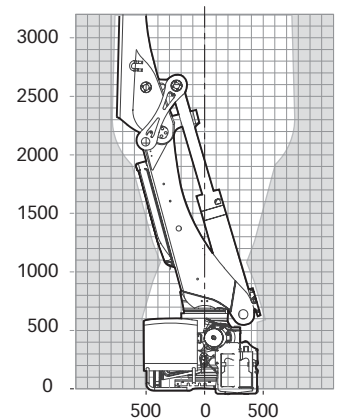
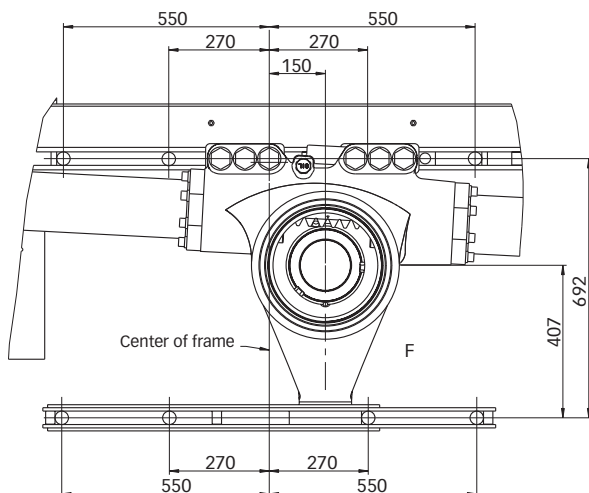
Stabilizers cylinders dimensions

	Tilting 50			Tilting 170		
	C	D	E	C	D	E
Medium length	990	819	470	1193		
Long length	1090	896	534	1293		

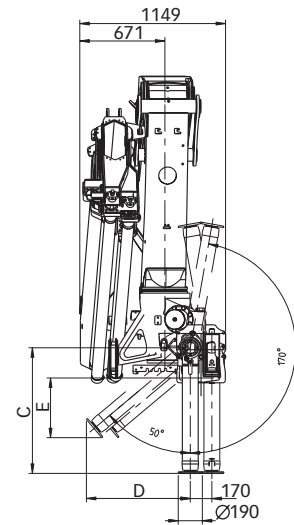
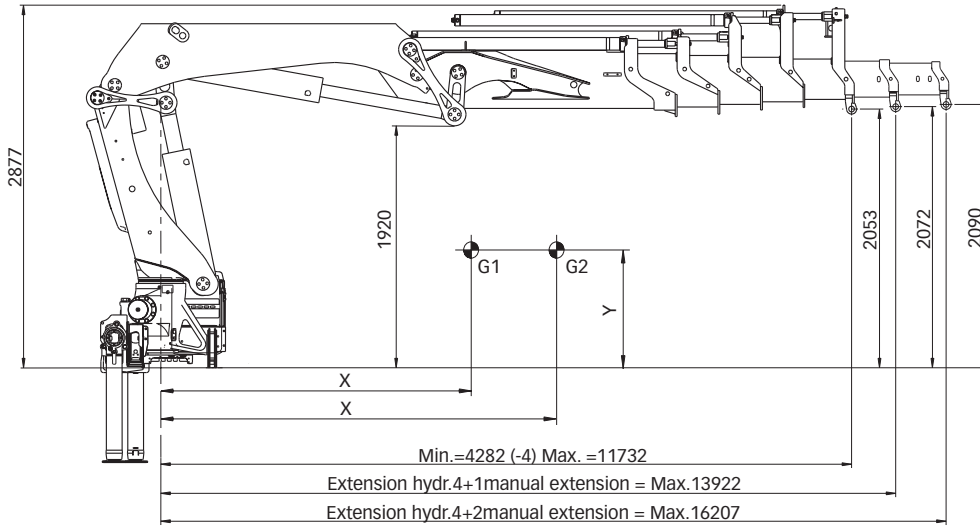


	K
Stab. 1	992
Stab. 2	1090

	Extensions 5.8 mts	Extensions 7 mts
A	1738	2322
B	5786	6954

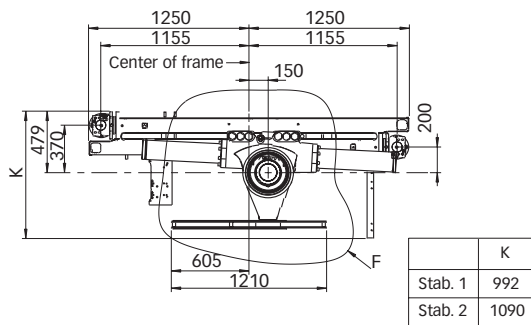
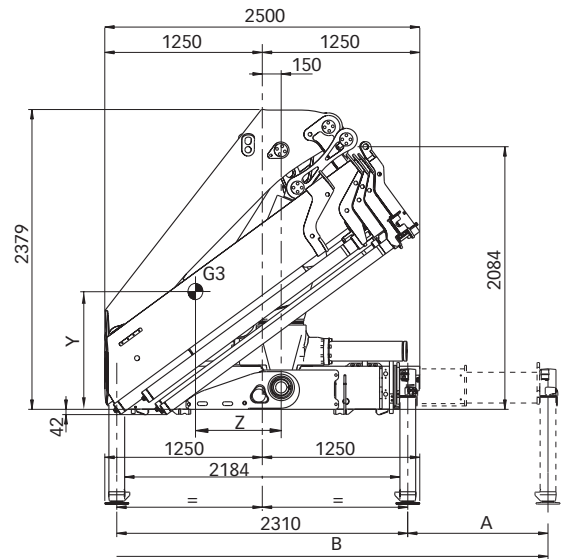
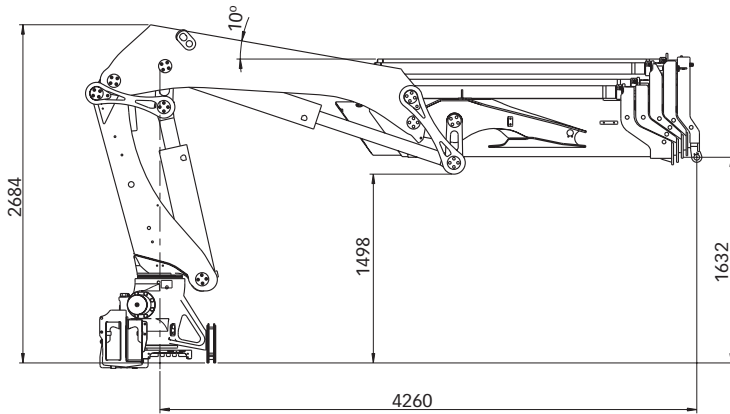


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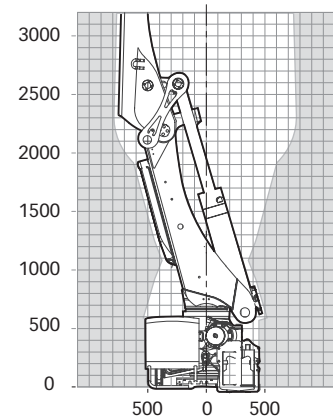
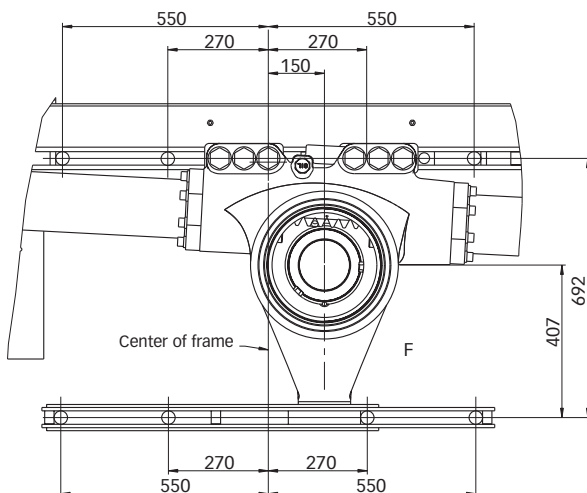


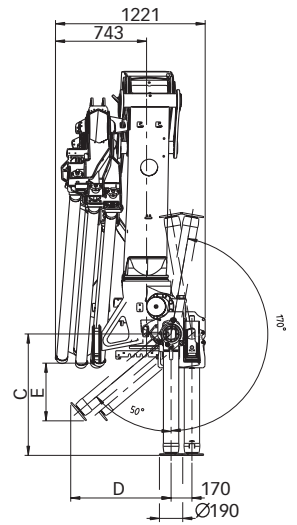
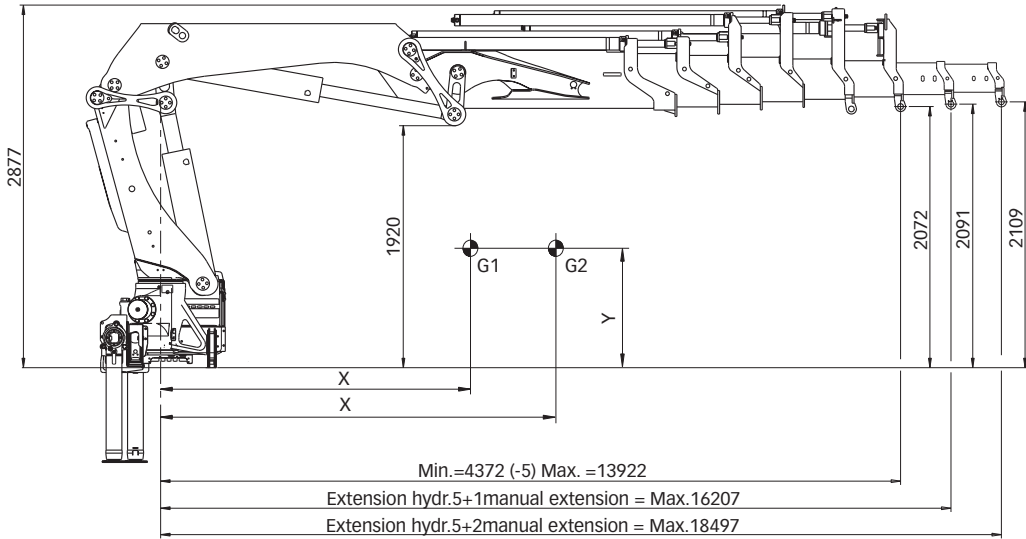
	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1104	1398	134	1097	1391	132	1086	1381	131	1079	1375	129
G2	2070	1398	134	2058	1391	132	2040	1381	131	2028	1375	129
G3	128	788	161	126	784	161	123	779	160	121	776	160

	Stabilizers cylinders dimensions					
	Tilting 50			Tilting 170		
	C	D	E	C	D	E
Medium length	990	819	470	1193		
Long length	1090	896	534	1293		



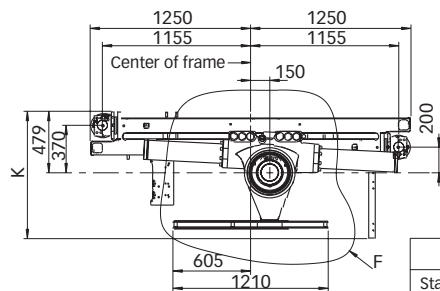
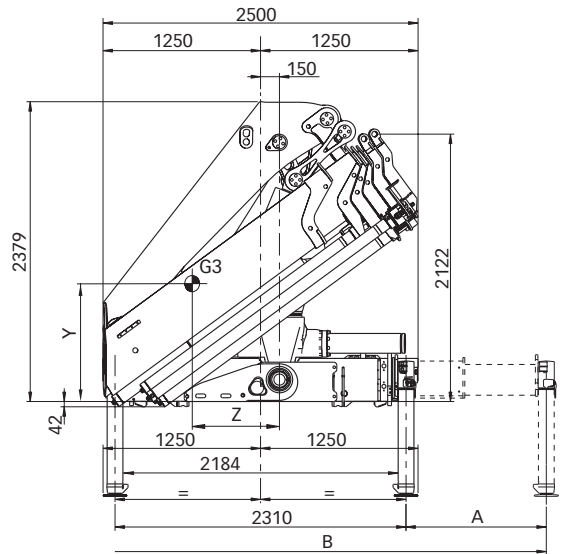
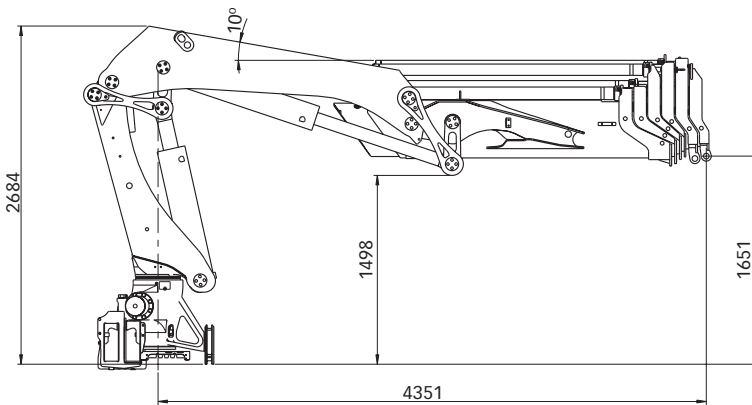
	Extensions 5.8 mts	Extensions 7 mts
A	1738	2322
B	5786	6954





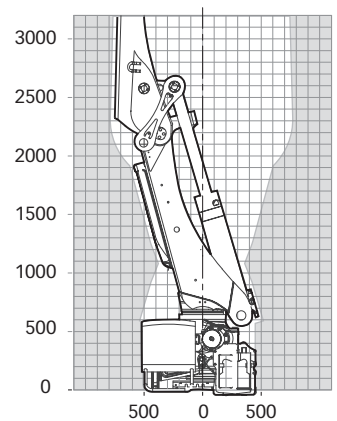
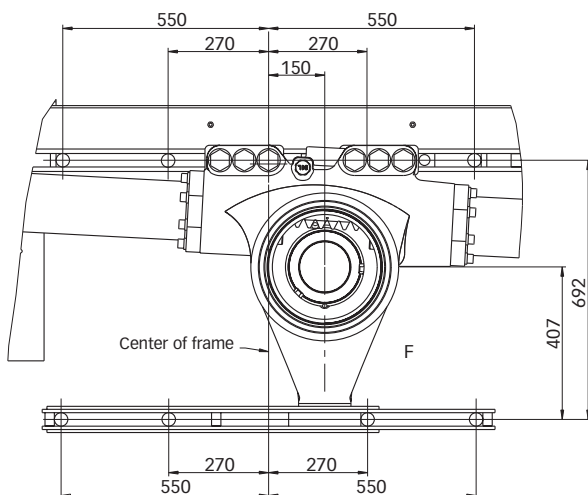
	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1202	1445	152	1194	1438	151	1184	1429	149	1176	1422	148
G2	2562	1445	152	2548	1438	151	2528	1429	149	2514	1422	148
G3	147	800	152	145	797	152	142	792	151	140	789	151

	Stabilizers cylinders dimensions					
	Tilting 50			Tilting 170		
	C	D	E	C	D	E
Medium length	990	819	470	1193		
Long length	1090	896	534	1293		

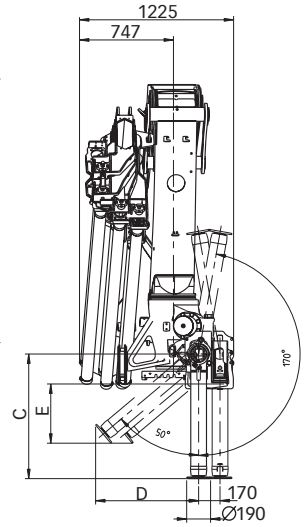
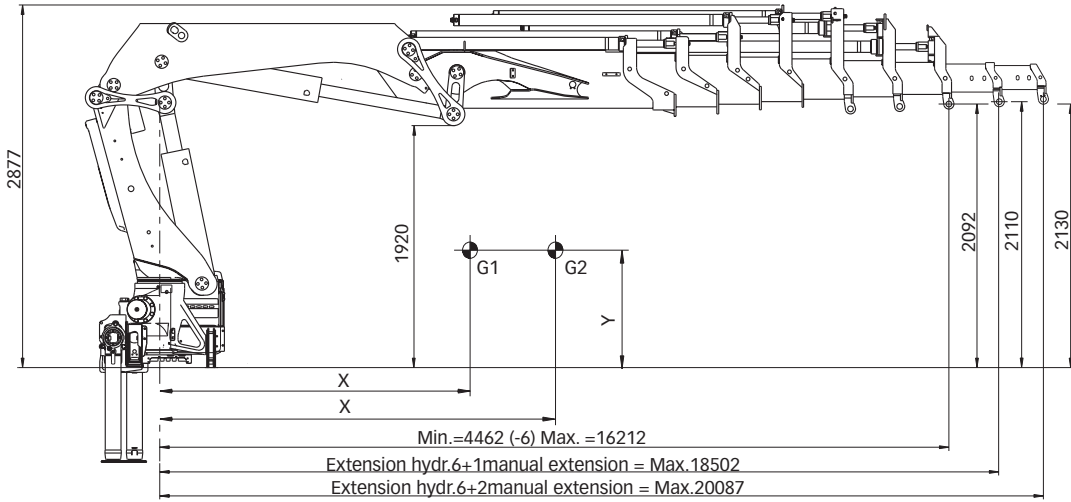


	K
Stab. 1	992
Stab. 2	1090

	Extensions 5.8 mts	Extensions 7 mts
A	1738	2322
B	5786	6954



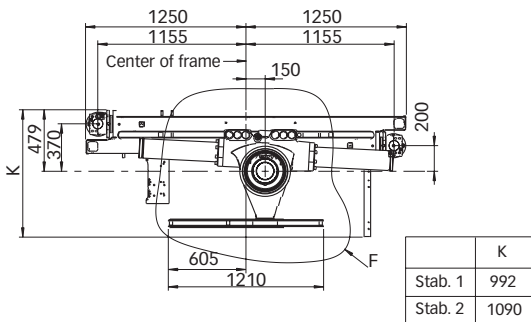
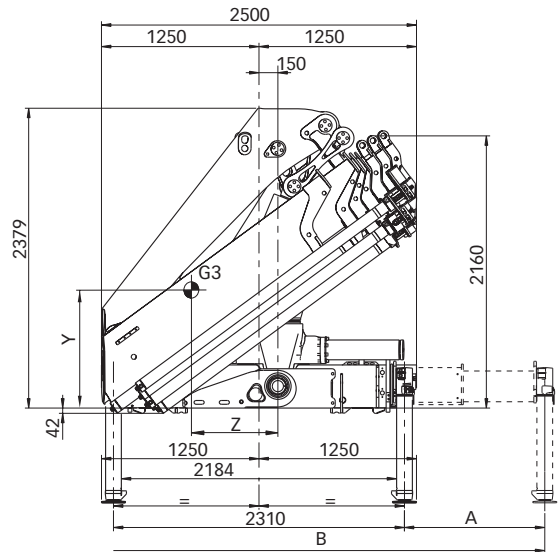
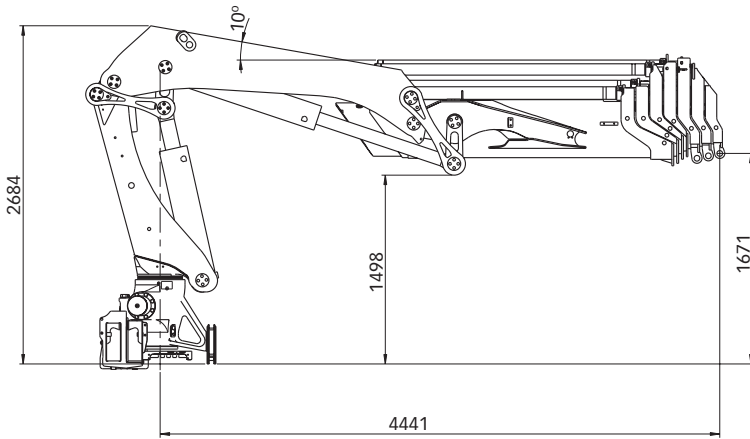
HIAB 322 E-6



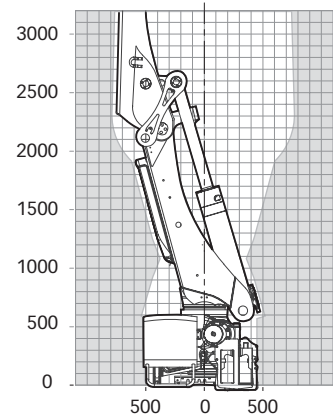
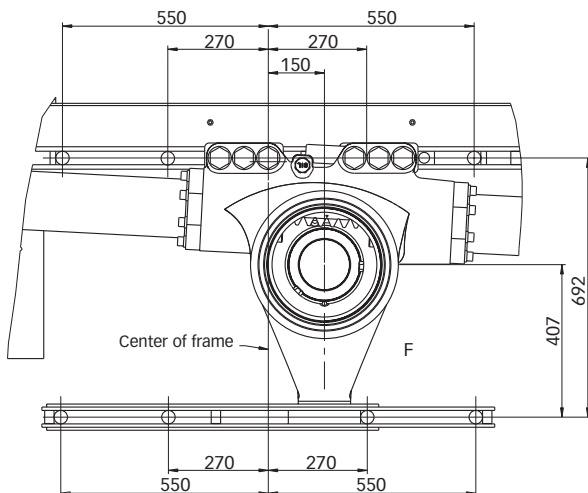
	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1287	1483	169	1279	1476	168	1269	1467	166	1261	1461	164
G2	3075	1483	169	3060	1476	168	3036	1467	166	3021	1461	164
G3	163	814	144	161	811	144	158	806	144	156	803	144

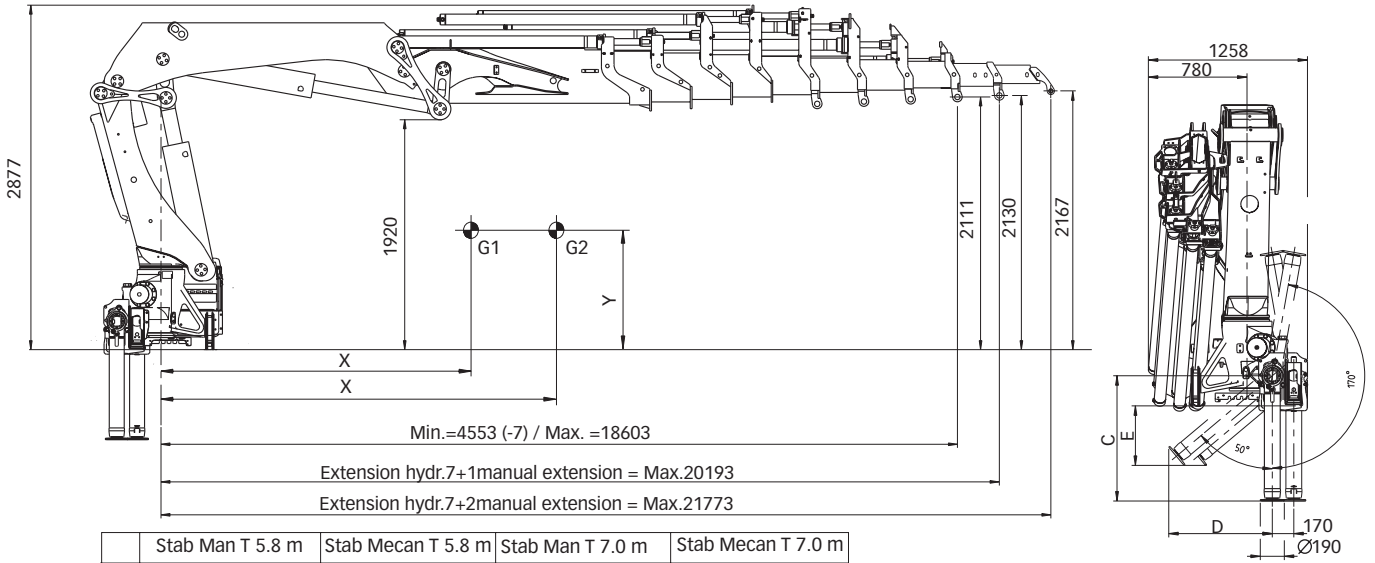
Stabilizers cylinders dimensions

	Tilting 50			Tilting 170		
	C	D	E	C	D	E
Medium length	990	819	470	1193		
Long length	1090	896	534	1293		



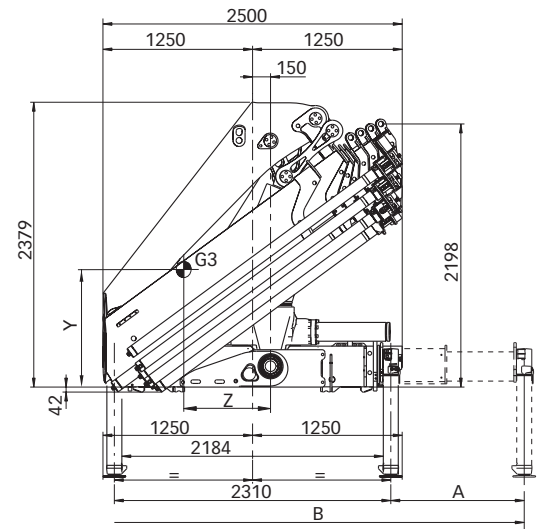
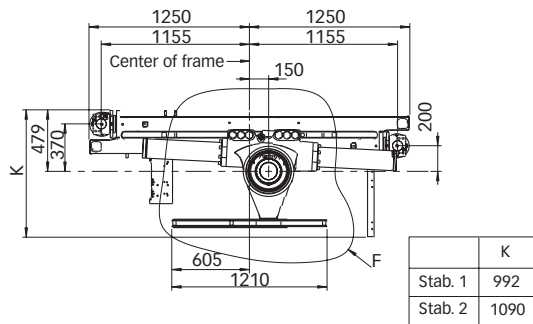
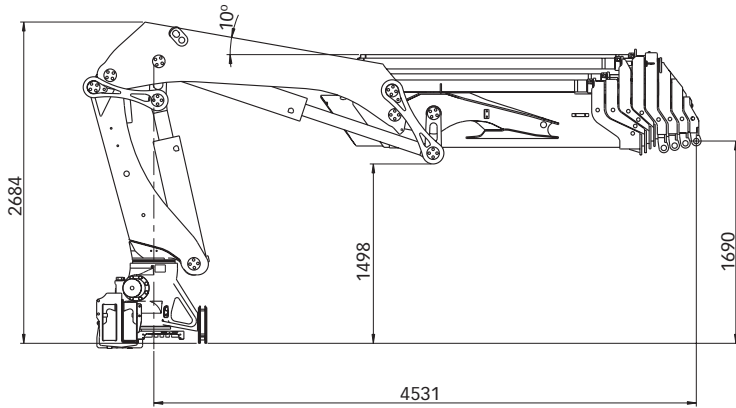
	Extensions 5.8 mts	Extensions 7 mts
A	1738	2322
B	5786	6954



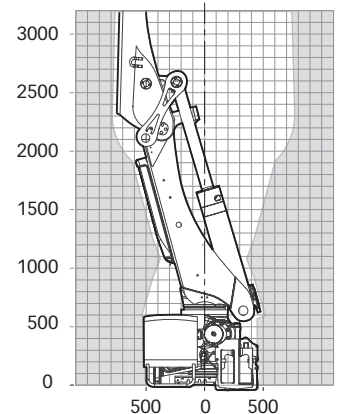
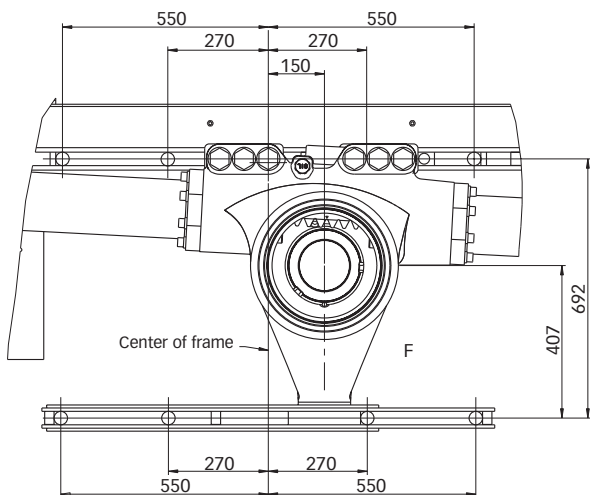


	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1362	1513	184	1355	1507	183	1344	1497	181	1336	1491	179
G2	3605	1513	184	3587	1507	183	3561	1497	181	3544	1491	179
G3	179	829	138	177	826	138	174	821	137	172	818	137

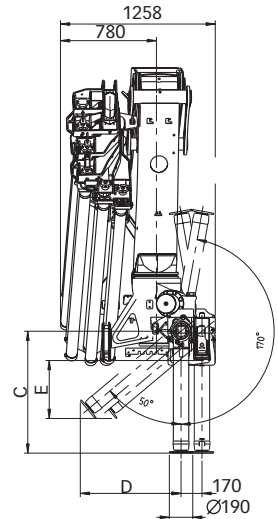
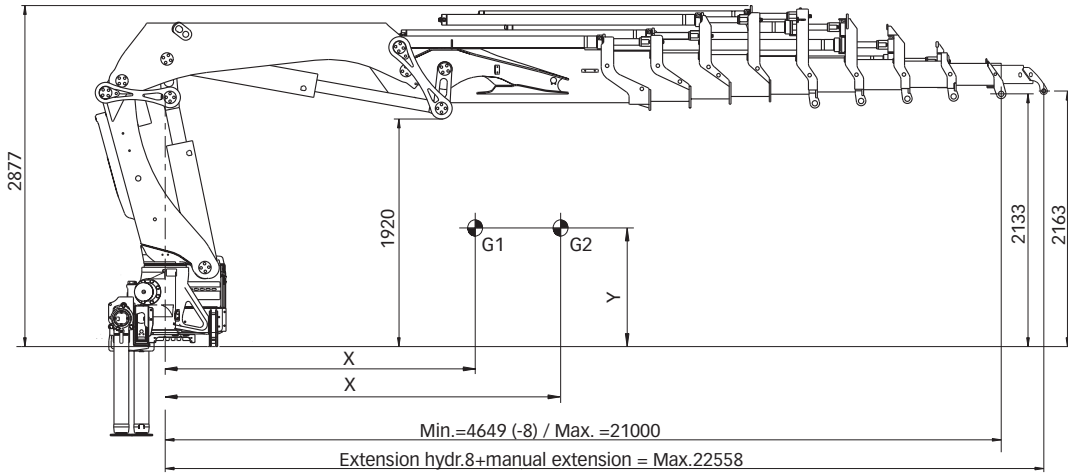
	Stabilizers cylinders dimensions					
	Tilting 50			Tilting 170		
	C	D	E	C	D	E
Medium length	990	819	470	1193		
Long length	1090	896	534	1293		



	Extensions 5.8 mts	Extensions 7 mts
A	1738	2322
B	5786	6954



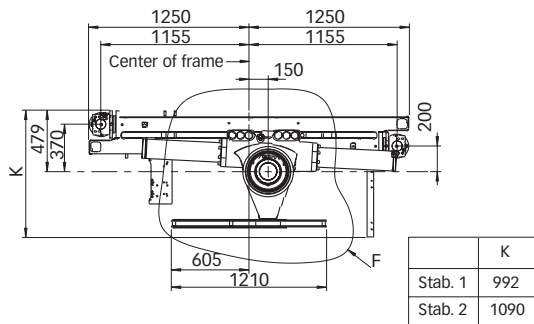
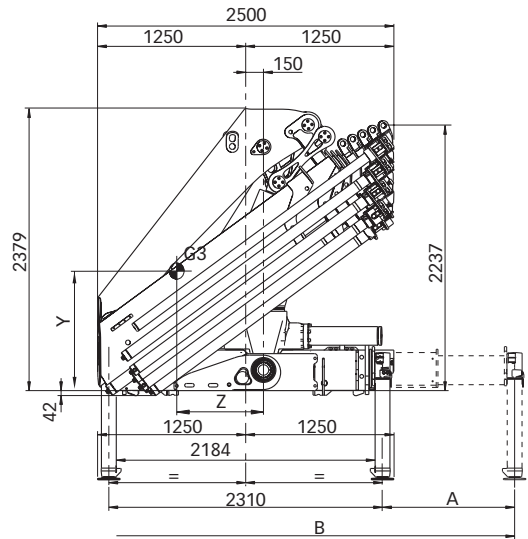
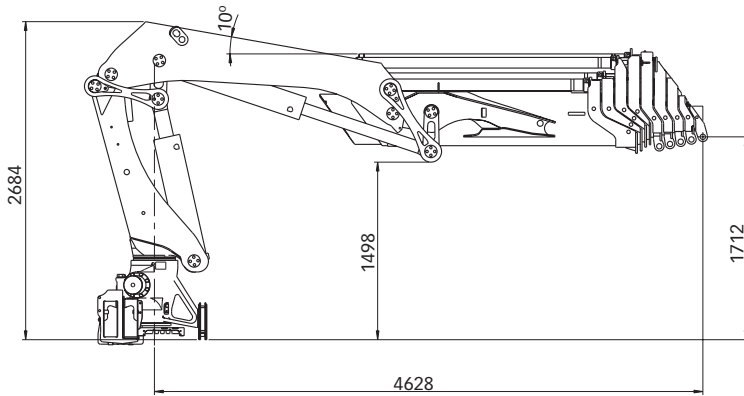
HIAB 322 E-8



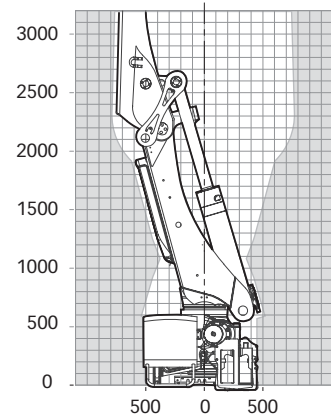
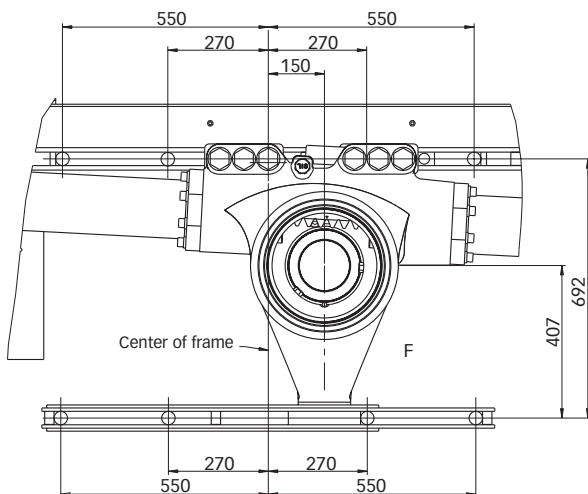
	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1419	1532	195	1412	1526	193	1401	1517	191	1393	1511	190
G2	4044	1532	195	4025	1526	193	3997	1517	191	3978	1511	190
G3	190	844	131	188	841	131	185	836	130	183	833	130

Stabilizers cylinders dimensions

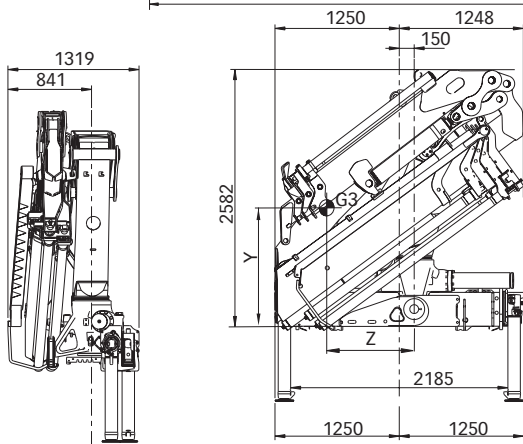
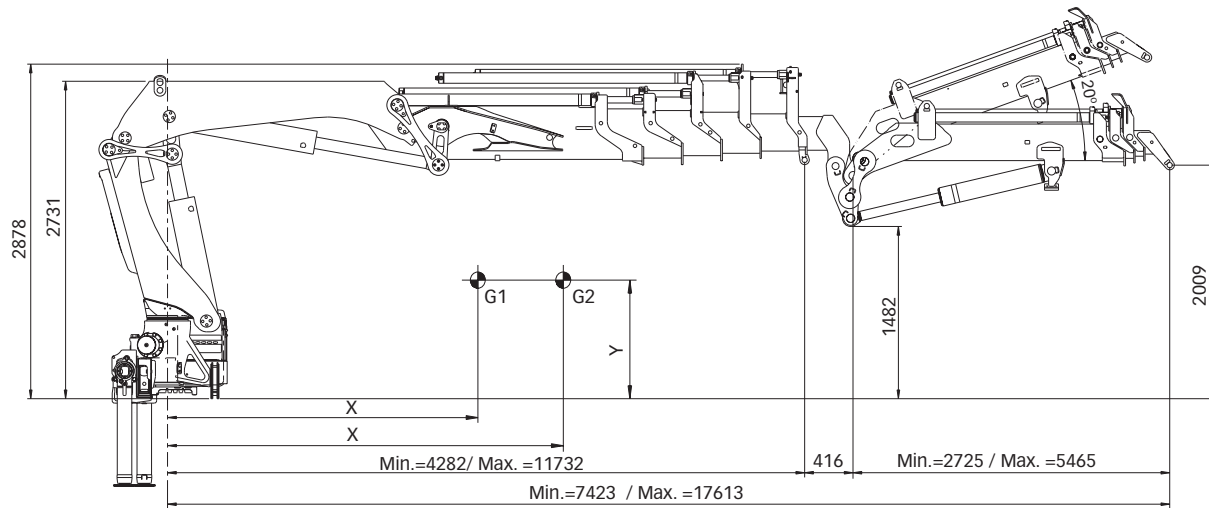
	Tilting 50			Tilting 170		
	C	D	E	C	D	E
Medium length	990	819	470	1193		
Long length	1090	896	534	1293		



	Extensions 5.8 mts	Extensions 7 mts
A	1738	2322
B	5786	6954

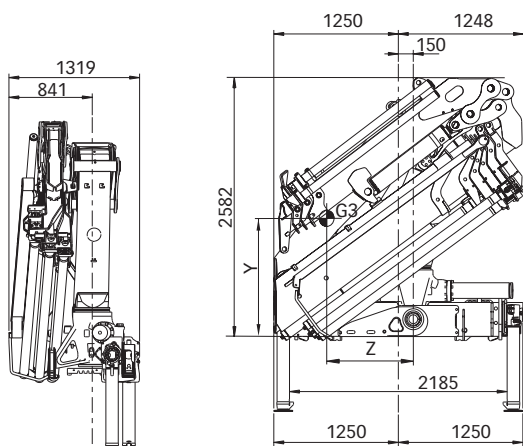
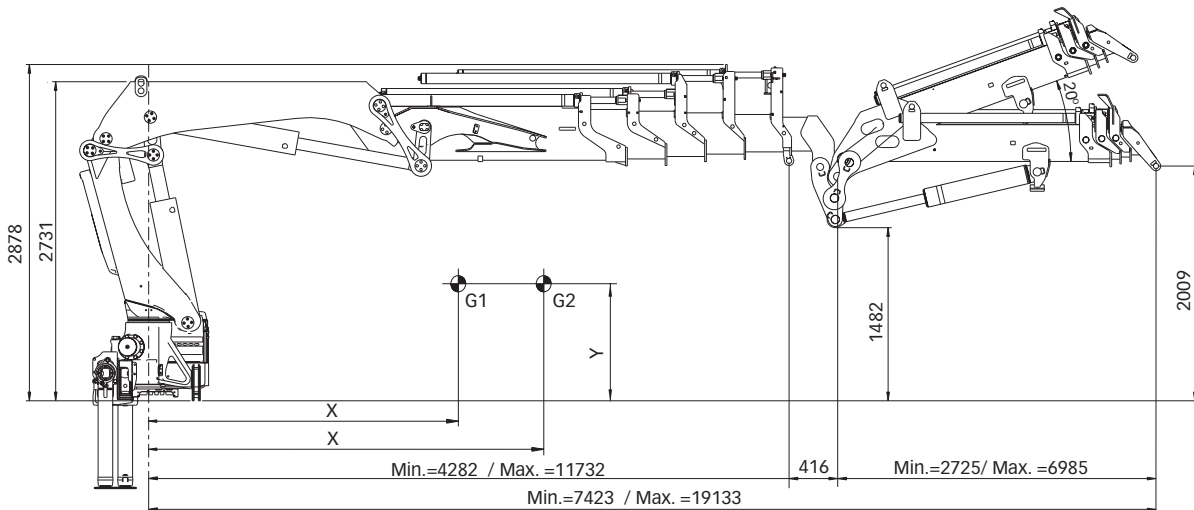


HIAB 322 E-4 + JIB



	Stab Man T 5.8m			Stab Mecan 5.8m			Stab Man T 7m			Stab Mecan T 7m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1887	1501	186	1878	1495	184	1864	1487	182	1855	1481	181
G2	4093	1501	186	4074	1495	184	4047	1487	182	4028	1481	181
G3	181	914	233	179	911	232	176	906	231	174	903	231

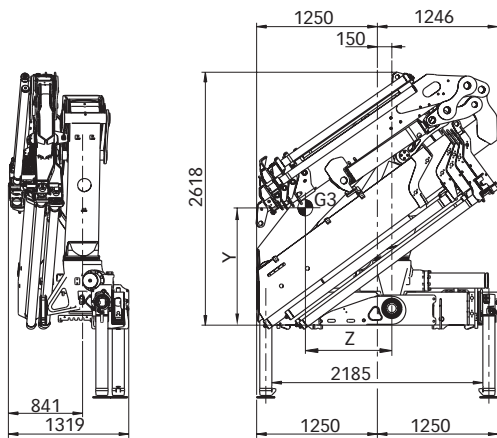
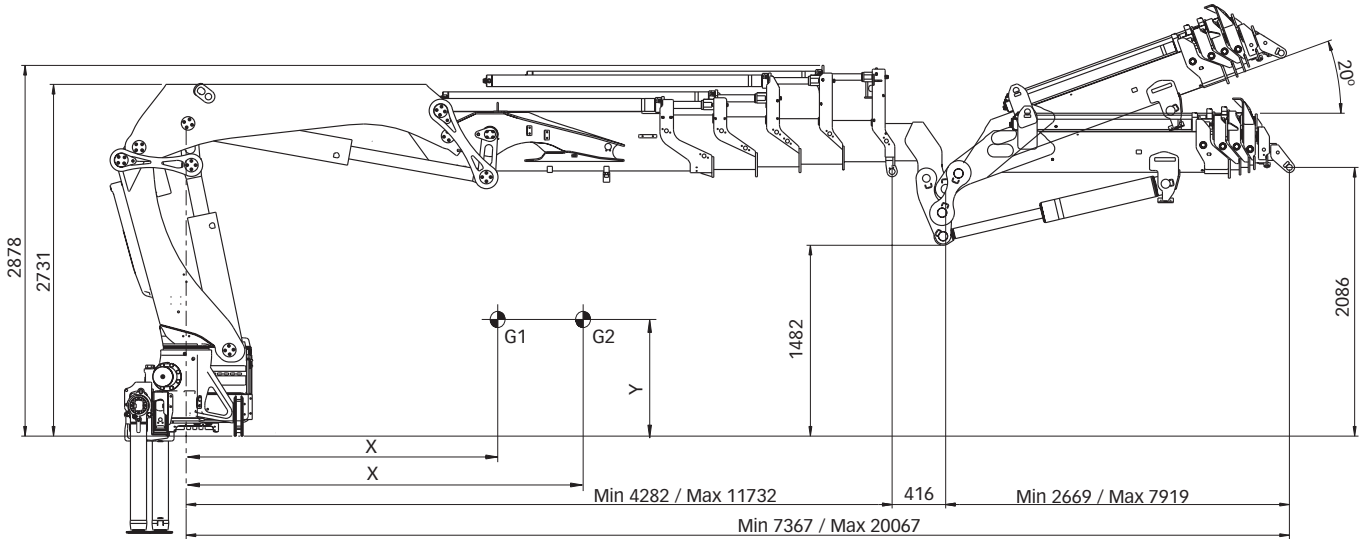
322 E-4 + JIB 100X-2.3



	Stab Man T 5.8m			Stab Mecan 5.8m			Stab Man T 7m			Stab Mecan T 7m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	2028	1527	198	2019	1521	197	2005	1513	195	1955	1507	194
G2	4570	1527	198	4550	1521	197	4520	1513	195	4500	1507	194
G3	193	931	263	191	928	262	188	923	261	186	920	261

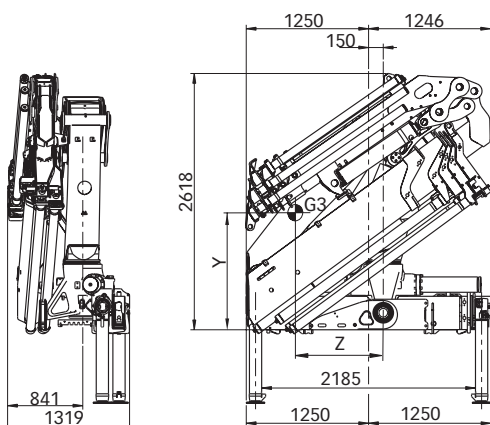
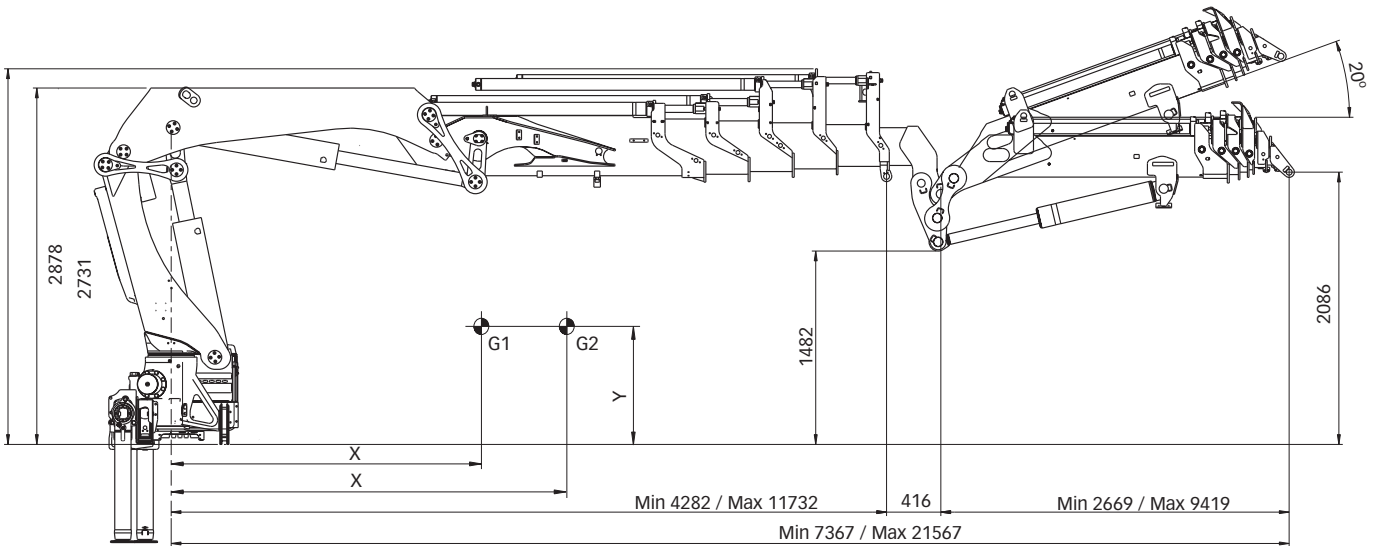
322 E-4 + JIB 100X-3.3

HIAB 322 E-4 + JIB



	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	2028	1527	198	2019	1521	197	2005	1513	195	1995	1507	194
G2	4570	1527	198	4550	1521	197	4520	1513	195	4500	1507	194
G3	193	931	263	191	928	262	188	923	261	186	920	261

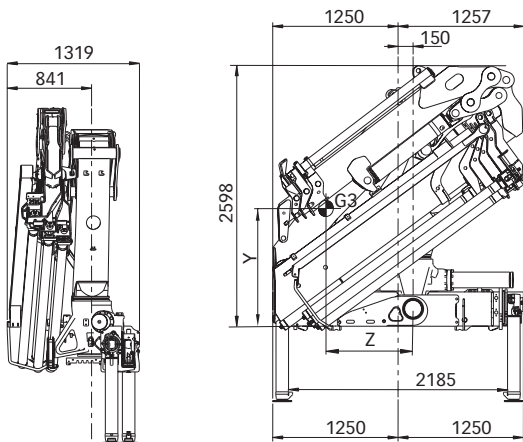
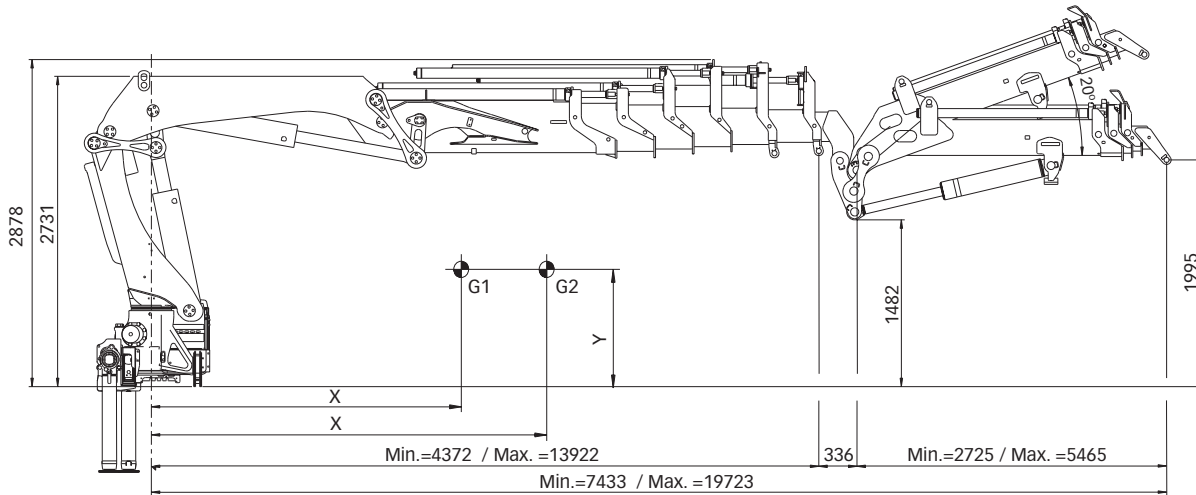
322 E-4+JIB 100X-4



	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	2088	1535	203	2079	1529	201	2065	1521	200	2055	1515	198
G2	4796	1535	203	4775	1529	201	4745	1521	200	4724	1515	198
G3	198	935	276	196	931	275	193	927	274	191	923	273

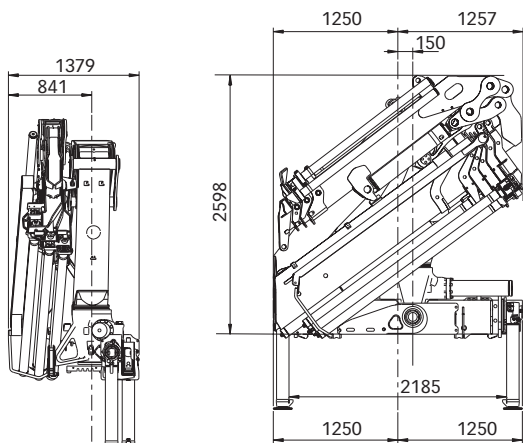
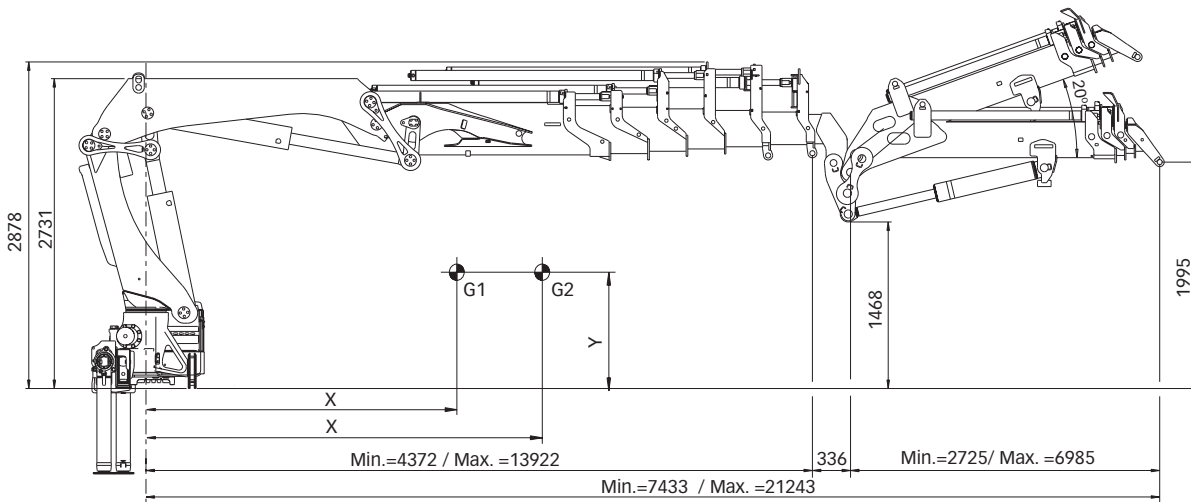
322 E-4 + JIB 100X-5

HIAB 322 E-5 + JIB



	Stab Man T 5.8m			Stab Mecan 5.8m			Stab Man T 7m			Stab Mecan T 7m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1908	1536	206	1899	1530	205	1886	1521	203	1877	1516	201
G2	4671	1536	206	4650	1530	205	4620	1521	203	4599	1516	201
G3	201	914	202	199	910	201	196	906	201	194	902	200

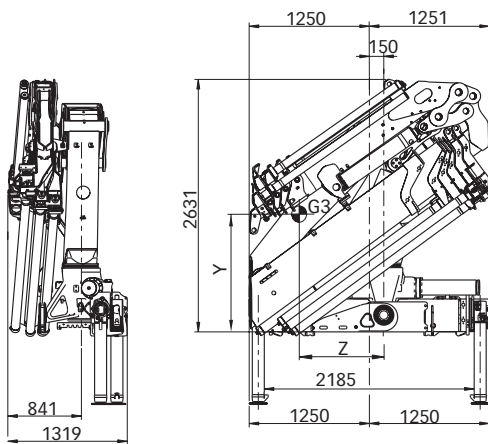
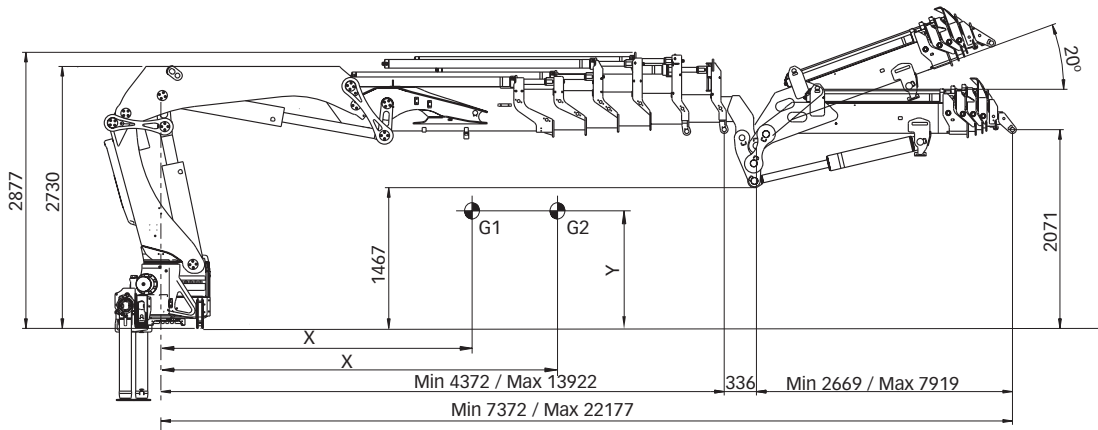
322 E-5 + JIB 100X-2.3



	Stab Man T 5.8m			Stab Mecan 5.8m			Stab Man T 7m			Stab Mecan T 7m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1984	1548	213	1975	1542	211	1961	1533	209	1952	1528	208
G2	4943	1548	213	4921	1542	211	4890	1533	209	4869	1528	208
G3	208	921	216	206	918	215	203	913	215	201	910	214

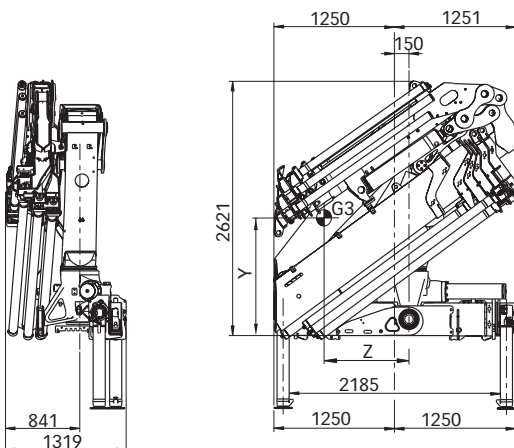
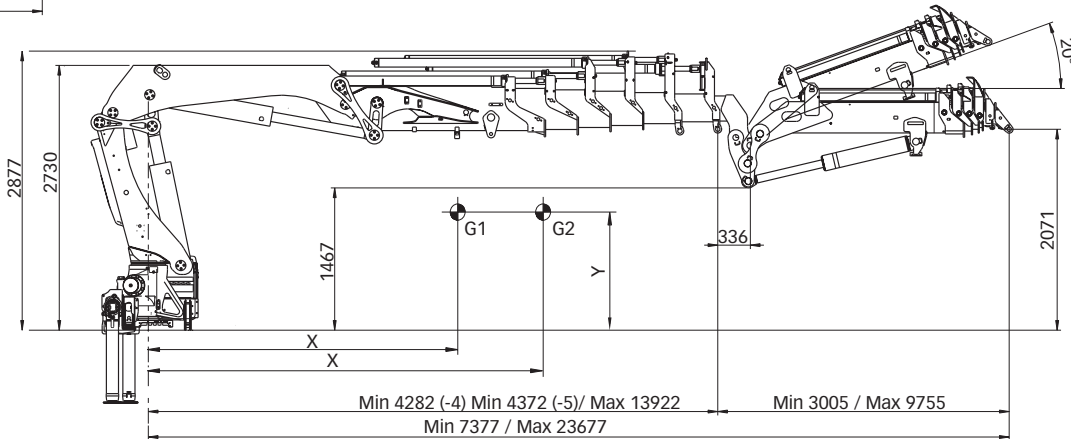
322 E-5 + JIB 100X-3.3

HIAB 322 E-5 + JIB



	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	2045	1560	219	2036	1554	218	2022	1546	216	2013	1540	215
G2	5184	1560	219	5162	1554	218	5129	1546	216	5108	1540	215
G3	214	931	227	213	928	226	210	923	226	208	920	225

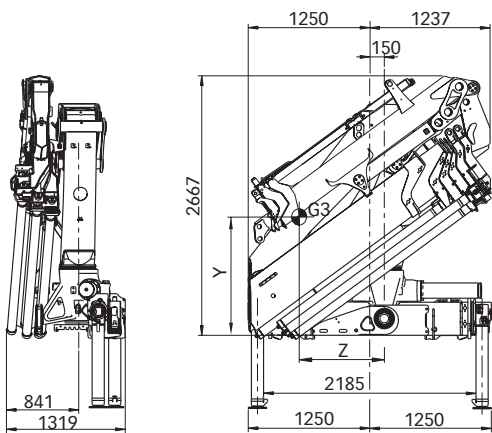
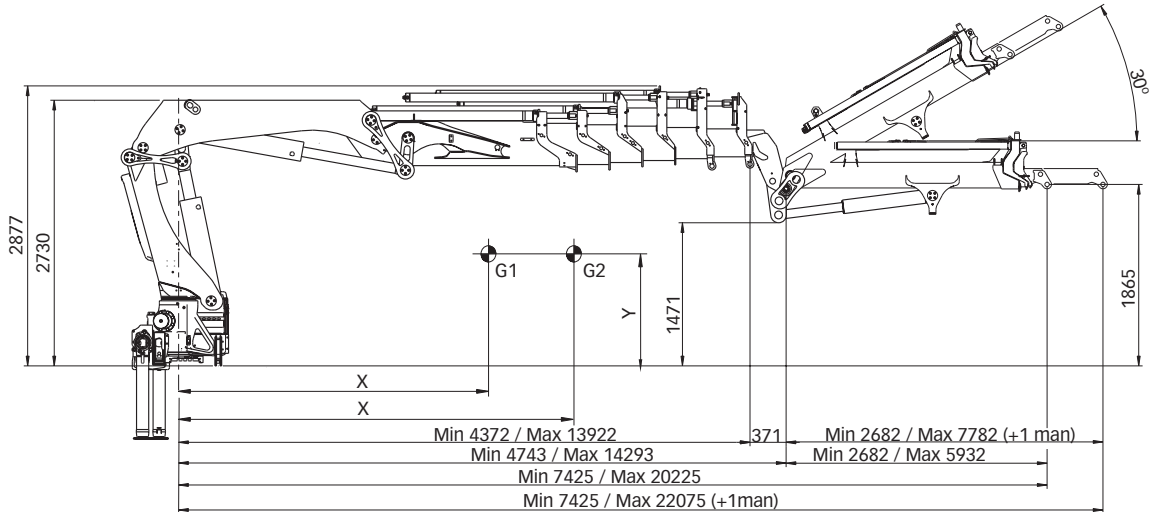
322 E-5 + JIB 100X-4



	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	2104	1568	224	2094	1562	223	2080	1554	221	2071	1548	220
G2	5424	1568	224	5401	1562	223	5368	1554	221	5346	1548	220
G3	220	935	237	218	932	237	215	927	236	213	924	235

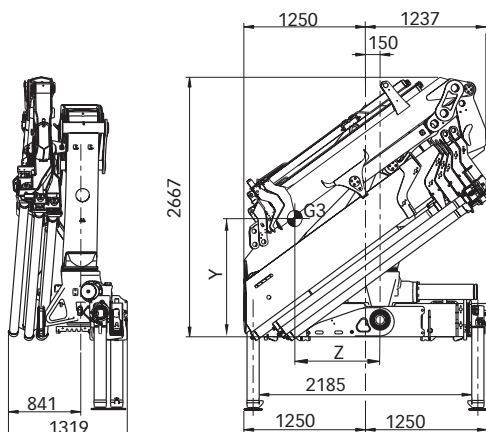
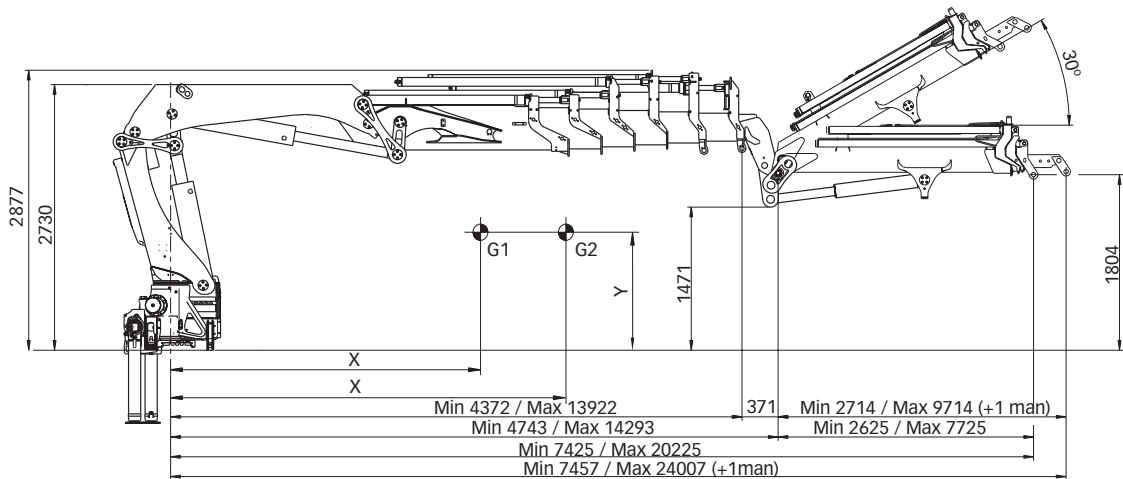
322 E-5 + JIB 100X-5

HIAB 322 E-5 + JIB



	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1771	1497	197	1762	1491	195	1749	1482	194	1740	1477	192
G2	4298	1497	197	4278	1491	195	4249	1482	194	4230	1477	192
G3	192	880	182	190	877	182	187	872	181	185	869	181

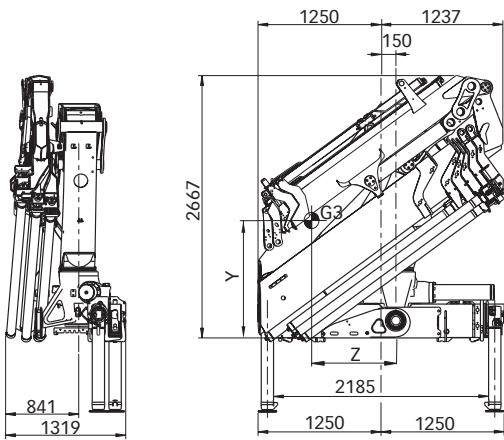
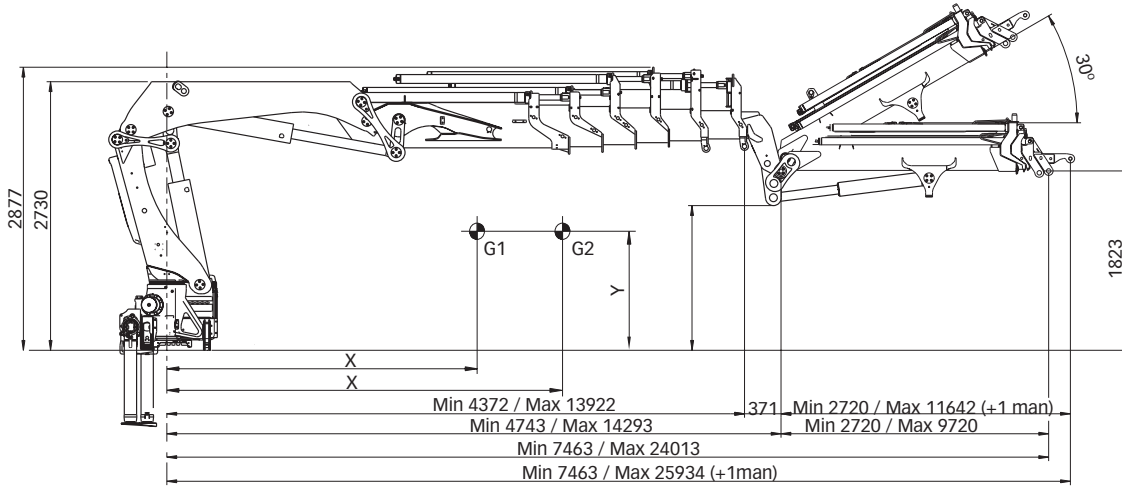
322 E-5 + JIB 70X-2



	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1827	1502	200	1818	1496	198	1805	1488	197	1796	1482	195
G2	4503	1502	200	4483	1496	198	4453	1488	197	4433	1482	195
G3	195	881	194	193	877	194	190	873	193	188	869	193

322 E-5 + JIB 70X-3

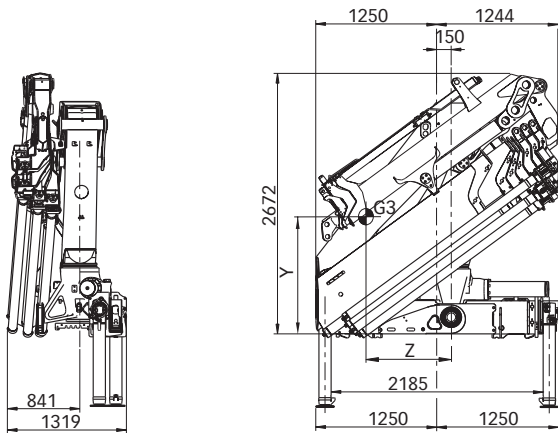
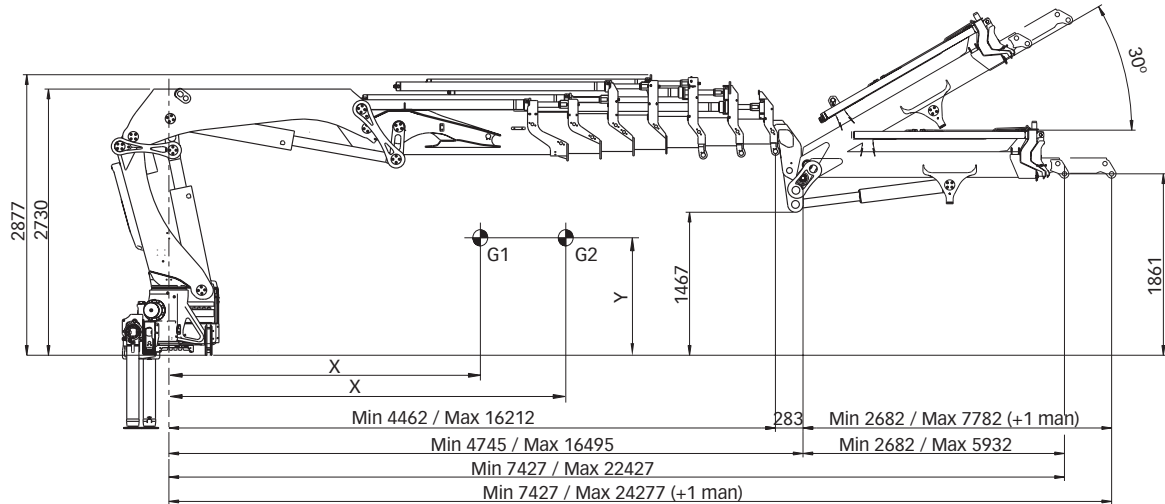
HIAB 322 E-5 + JIB



	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1900	1510	205	1891	1504	204	1877	1496	202	1868	1490	201
G2	4810	1510	205	4789	1504	204	4757	1496	202	4736	1490	201
G3	201	886	205	199	883	204	196	879	204	194	875	203

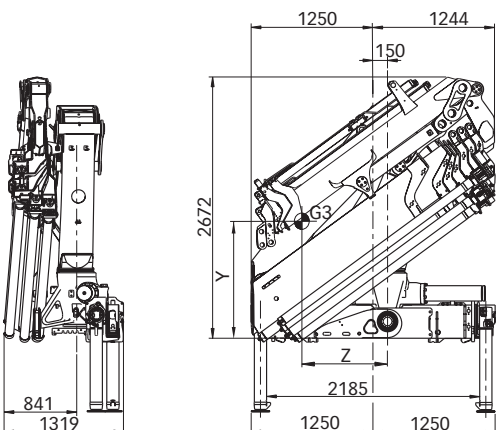
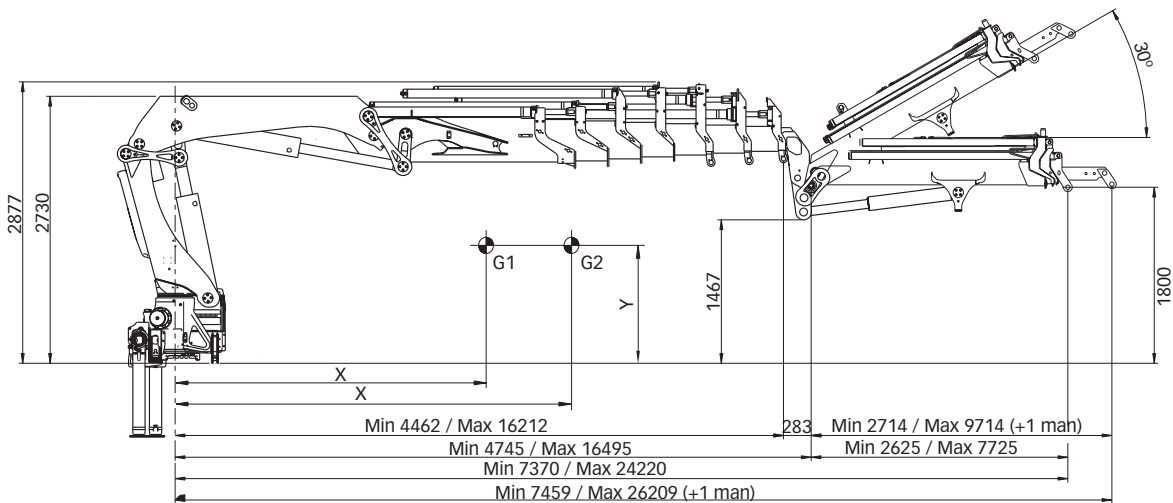
322 E-5 + JIB 70X-4

HIAB 322 E-6 + JIB



	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1822	1528	213	1813	1522	212	1800	1513	210	1791	1507	209
G2	4944	1528	213	4923	1522	212	4891	1513	210	4869	1507	209
G3	209	890	154	207	887	154	204	882	153	202	879	153

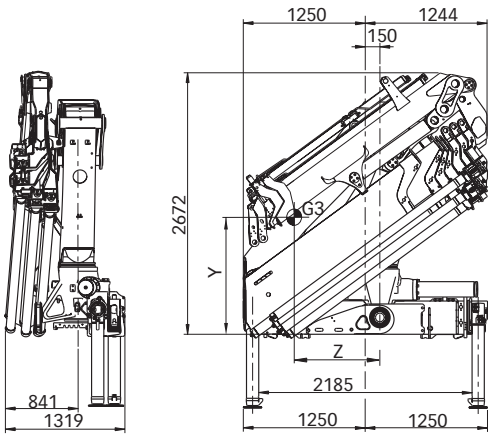
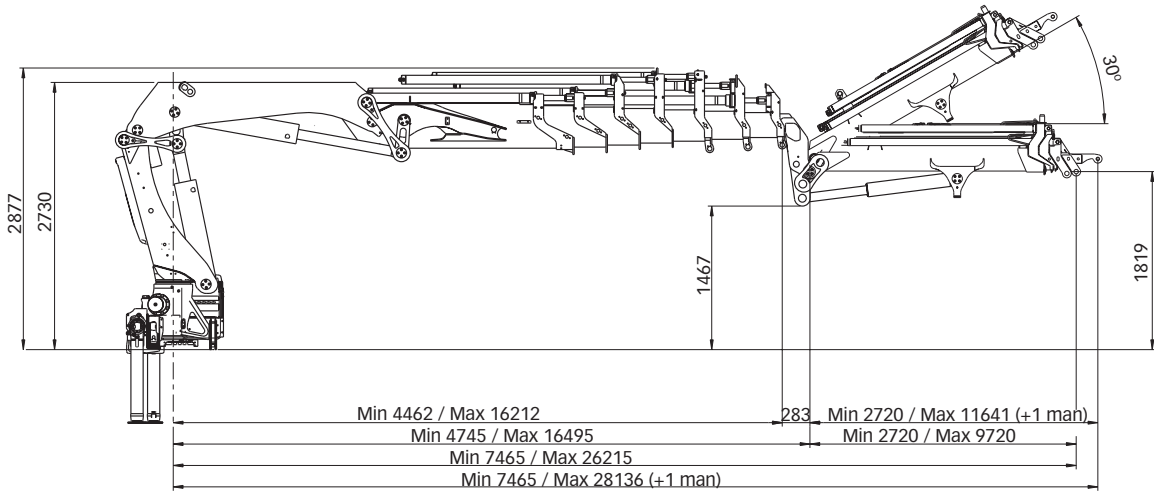
322 E-6 + JIB 70X-2



	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1875	1532	216	1866	1527	215	1853	1518	213	1845	1512	212
G2	5160	1532	216	5137	1527	215	5104	1518	213	5082	1512	212
G3	212	891	164	210	888	163	207	883	163	205	880	163

322 E-6 + JIB 70X-3

HIAB 322 E-6 + JIB



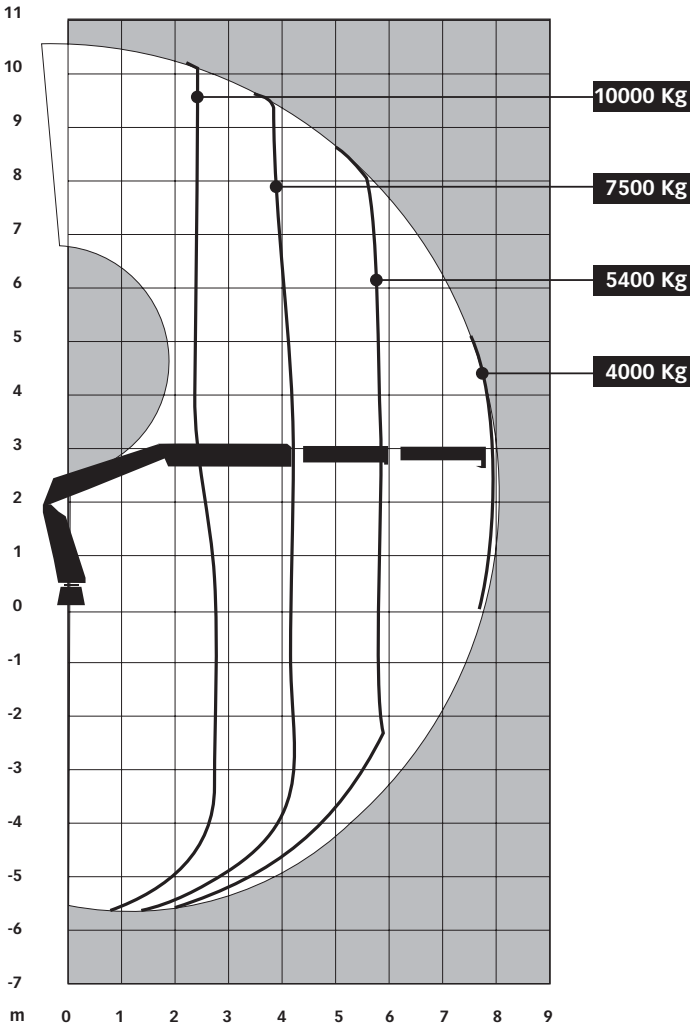
	Stab Man T 5.8 m			Stab Mecan T 5.8 m			Stab Man T 7.0 m			Stab Mecan T 7.0 m		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
G1	1945	1539	222	1936	1533	221	1922	1525	219	1914	1519	218
G2	5481	1539	222	5458	1533	221	5423	1525	219	5400	1519	218
G3	218	896	171	216	893	171	213	889	171	211	886	170

322 E-6 + JIB 70X-4

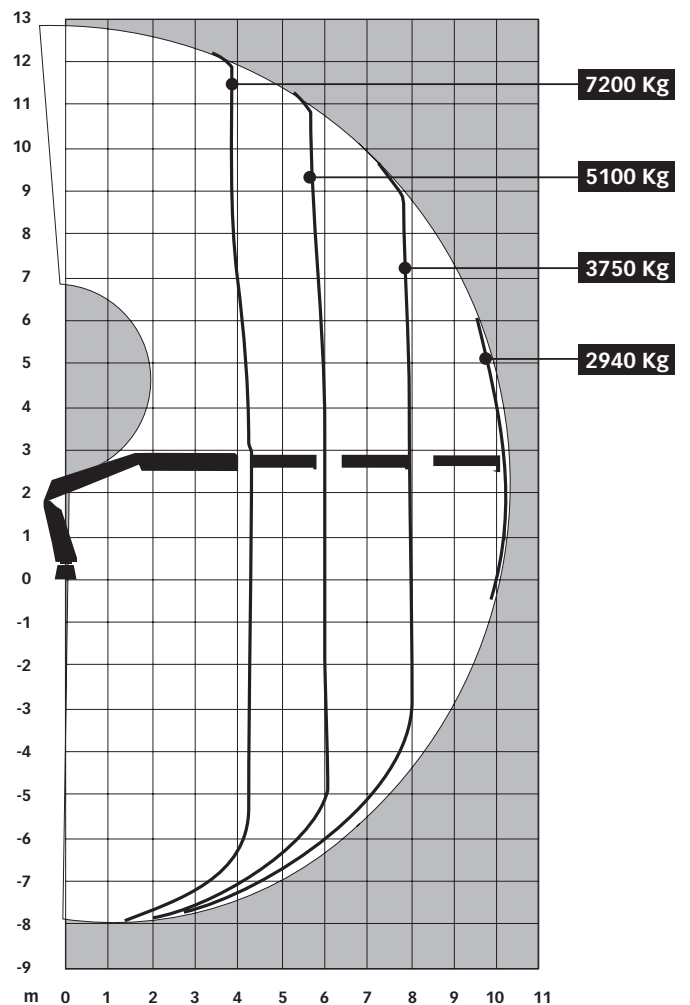
HIAB 322 EP-2 HIPRO 322 EP-3 HIPRO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



322 EP-2 HIPRO

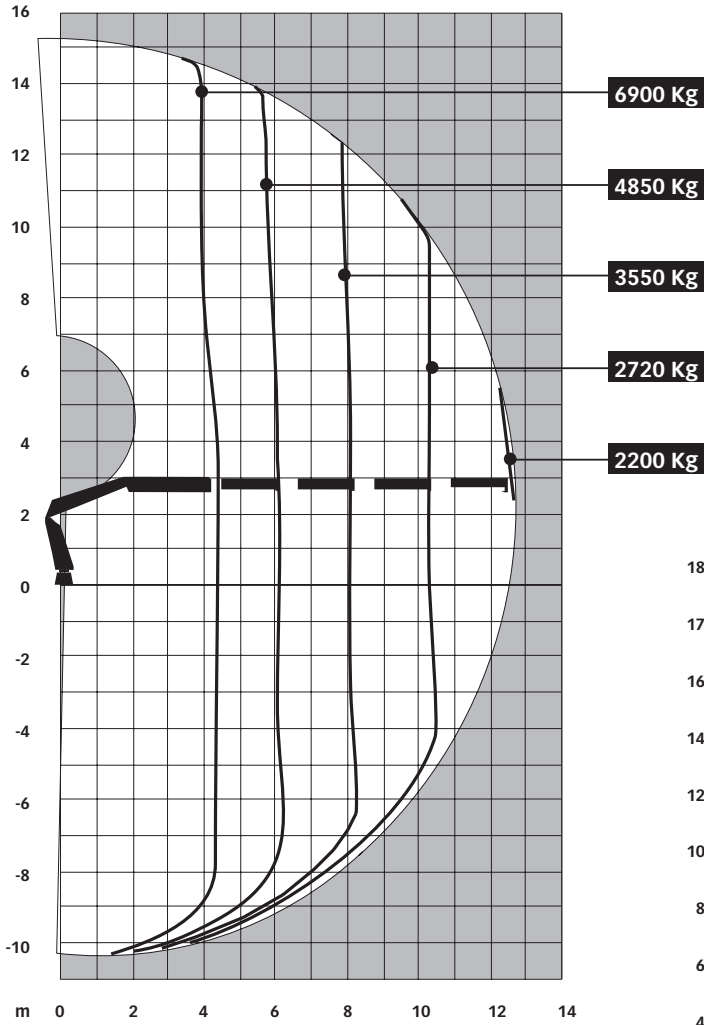


322 EP-3 HIPRO

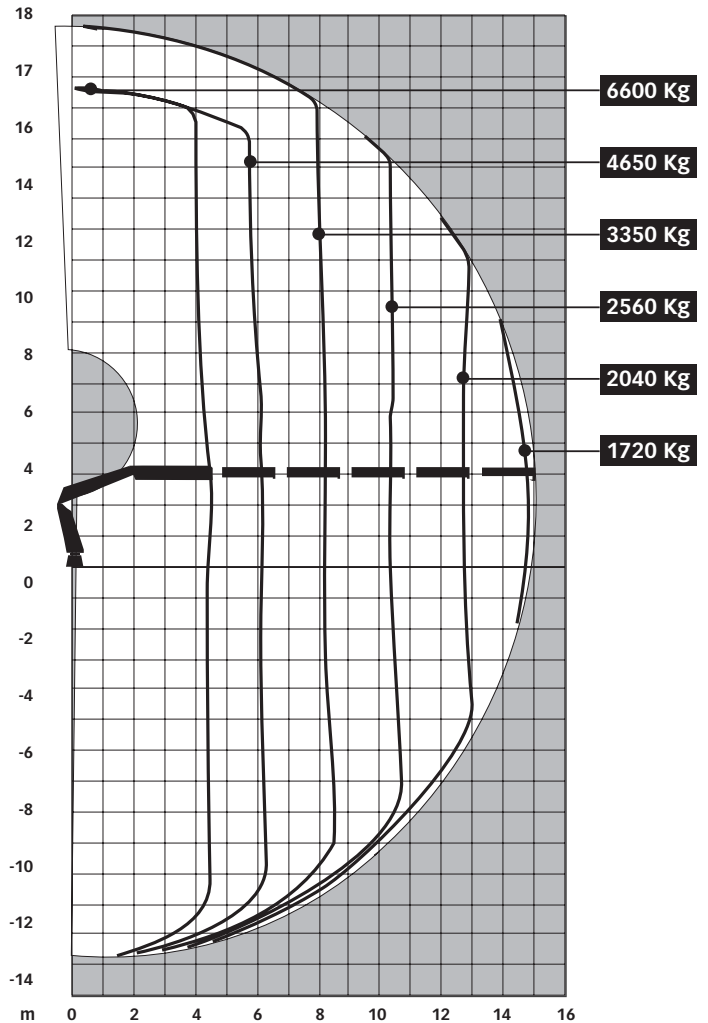
HIAB 322 EP-4 HIPRO 322 EP-5 HIPRO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



322 EP-4 HIPRO

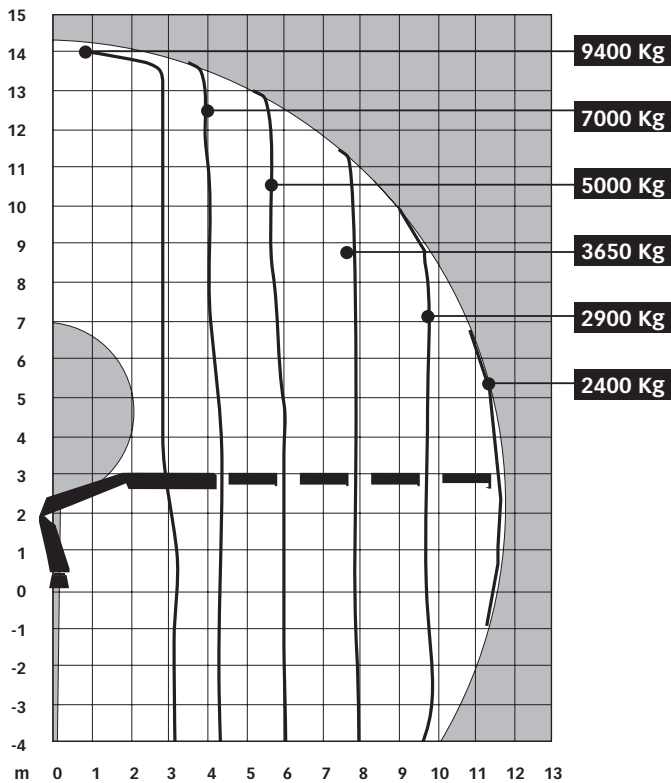


322 EP-5 HIPRO

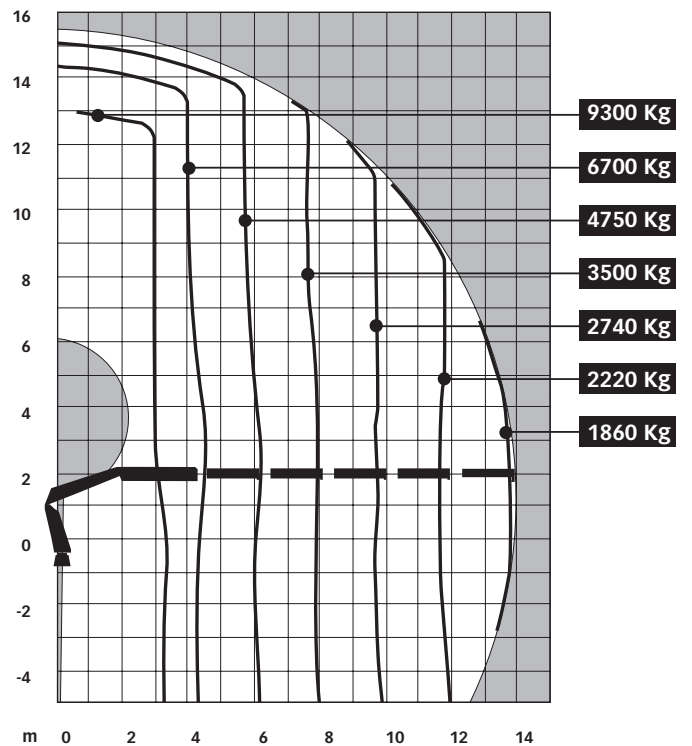
HIAB 322 E-4 HIPRO 322 E-5 HIPRO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



322 E-4 HIPRO

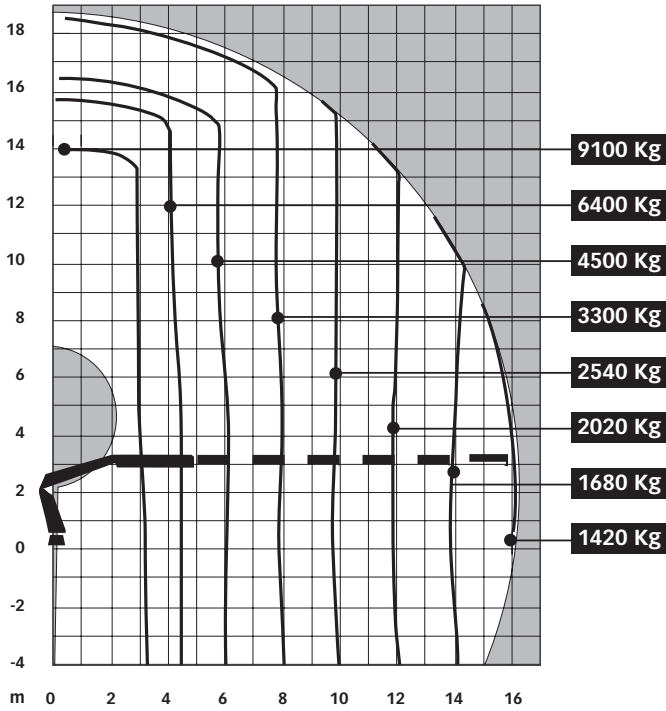


322 E-5 HIPRO

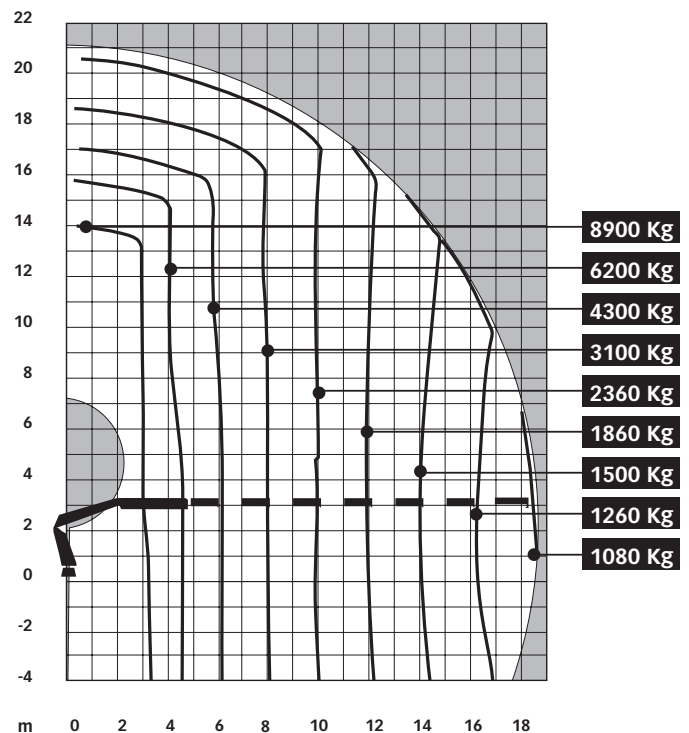
HIAB 322 E-6 HIPRO 322 E-7 HIPRO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



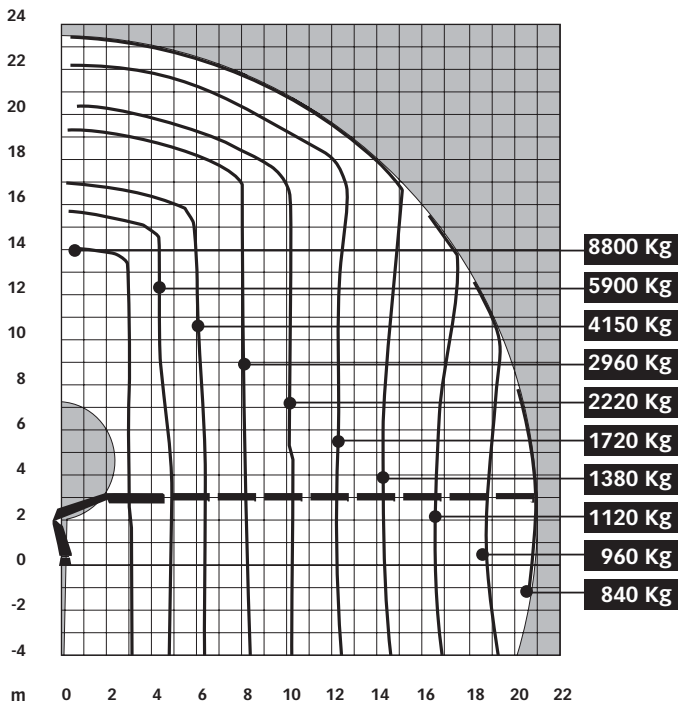
322 E-6 HIPRO



322 E-7 HIPRO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.

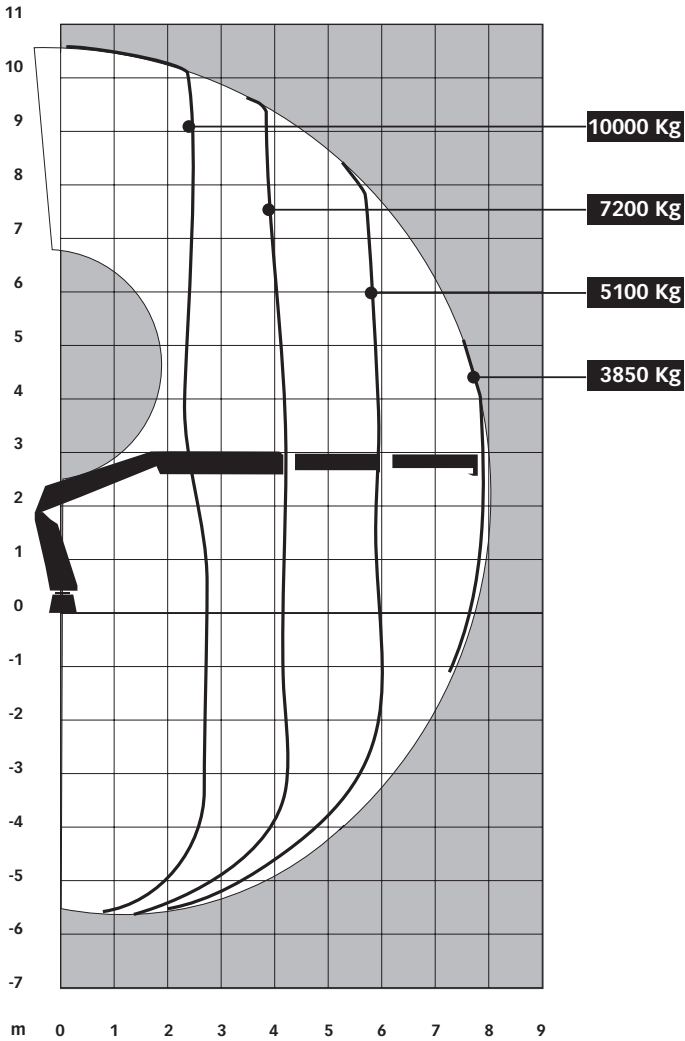


322 E-8 HIPRO

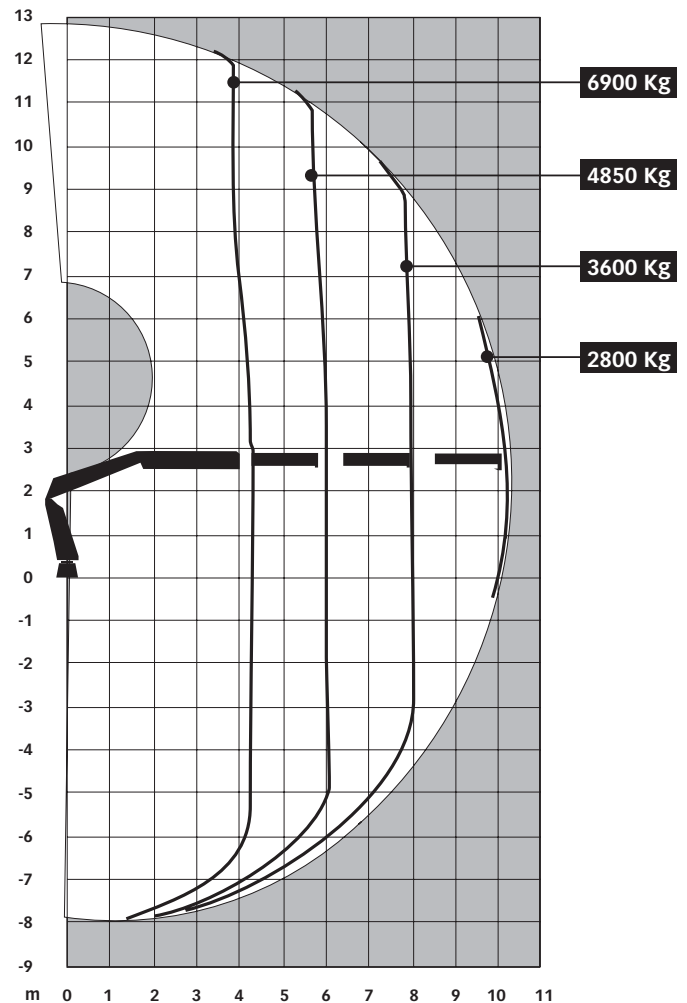
HIAB 322 EP-2 HIDUO 322 EP-3 HIDUO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



322 EP-2 HIDUO

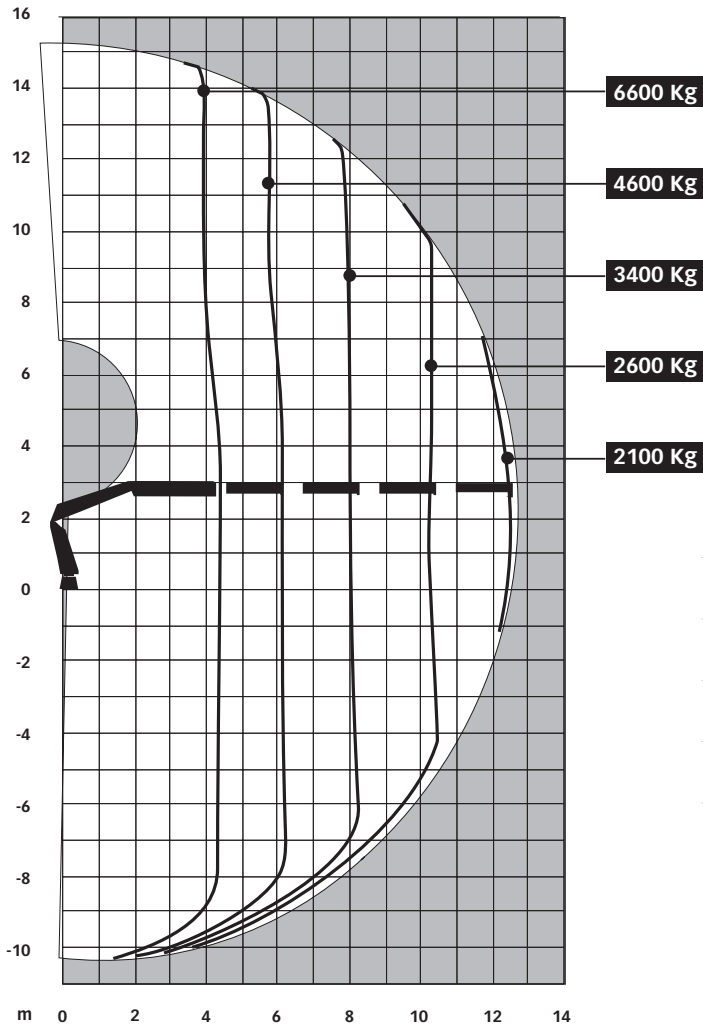


322 EP-3 HIDUO

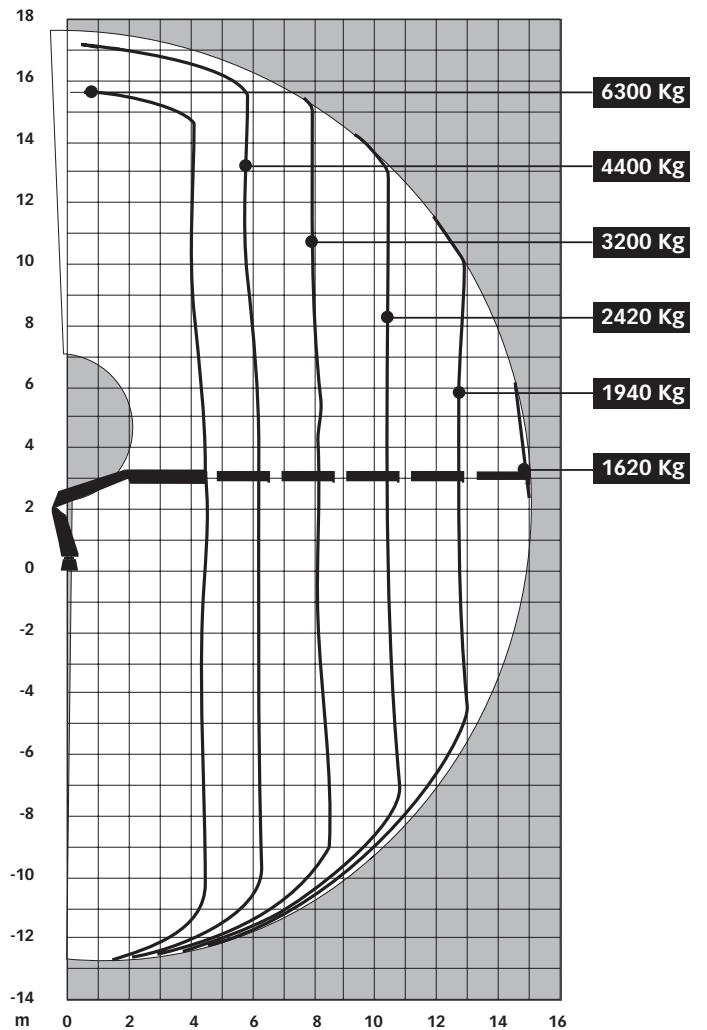
HIAB 322 EP-4 HIDUO 322 EP-5 HIDUO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



322 EP-4 HIDUO

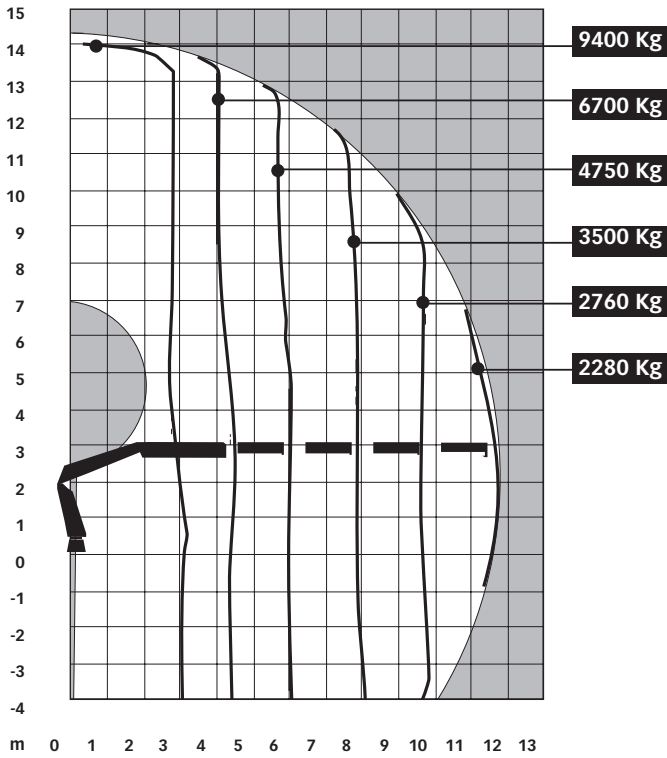


322 EP-5 HIDUO

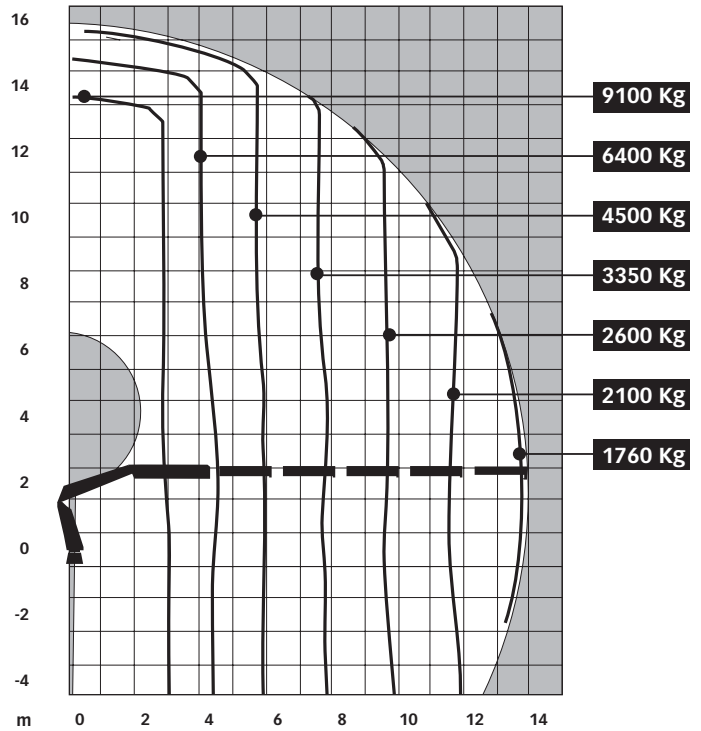
HIAB 322 E-4 HIDUO 322 E-5 HIDUO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



322 E-4 HIDUO

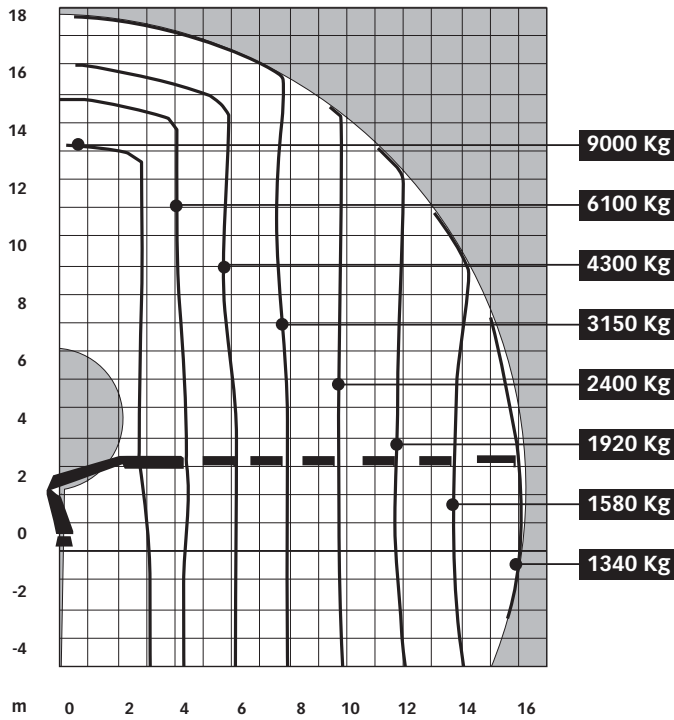


322 E-5 HIDUO

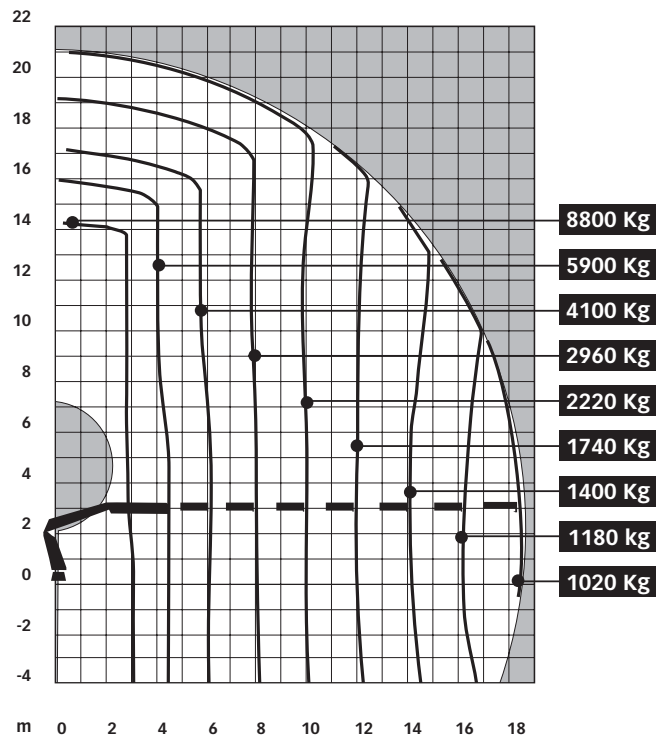
HIAB 322 E-6 HIDUO 322 E-7 HIDUO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



322 E-6 HIDUO

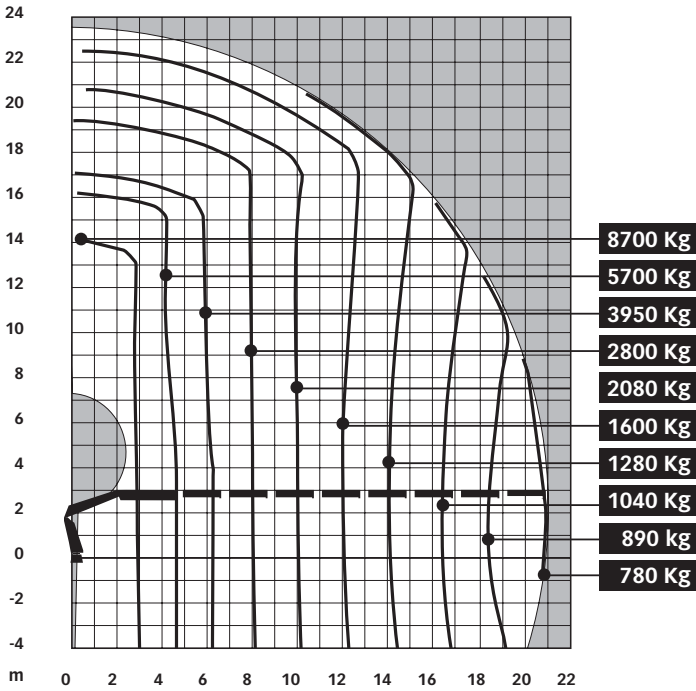


322 E-7 HIDUO

HIAB 322 E-8 HIDUO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.

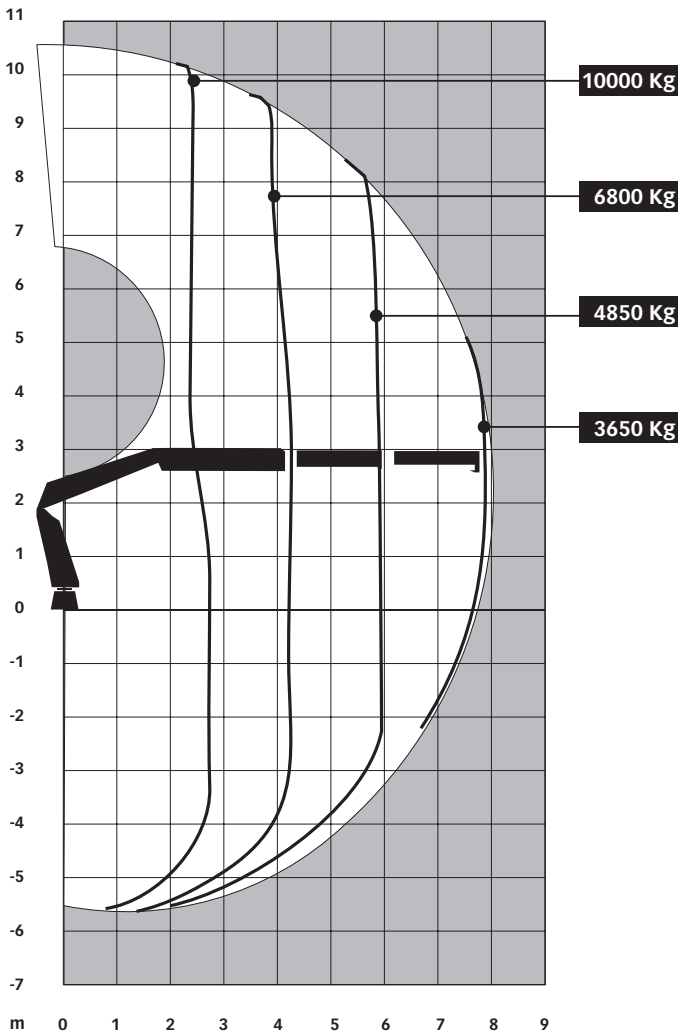


322 E-8 HIDUO

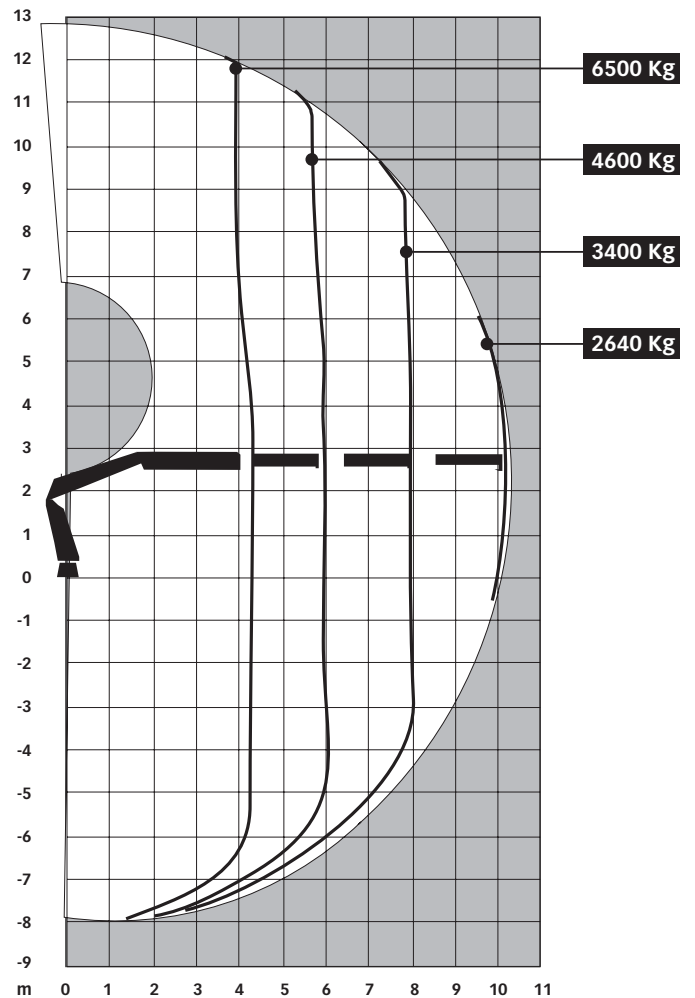
HIAB 322 EP-2 DUO 322 EP-3 DUO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



322 EP-2 DUO

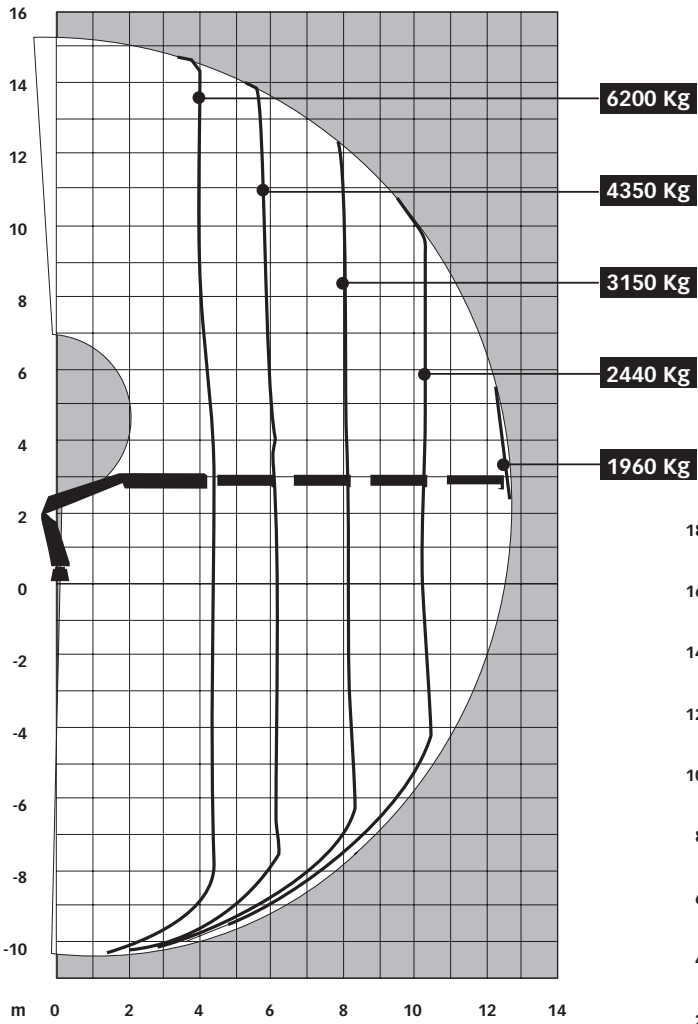


322 EP-3 DUO

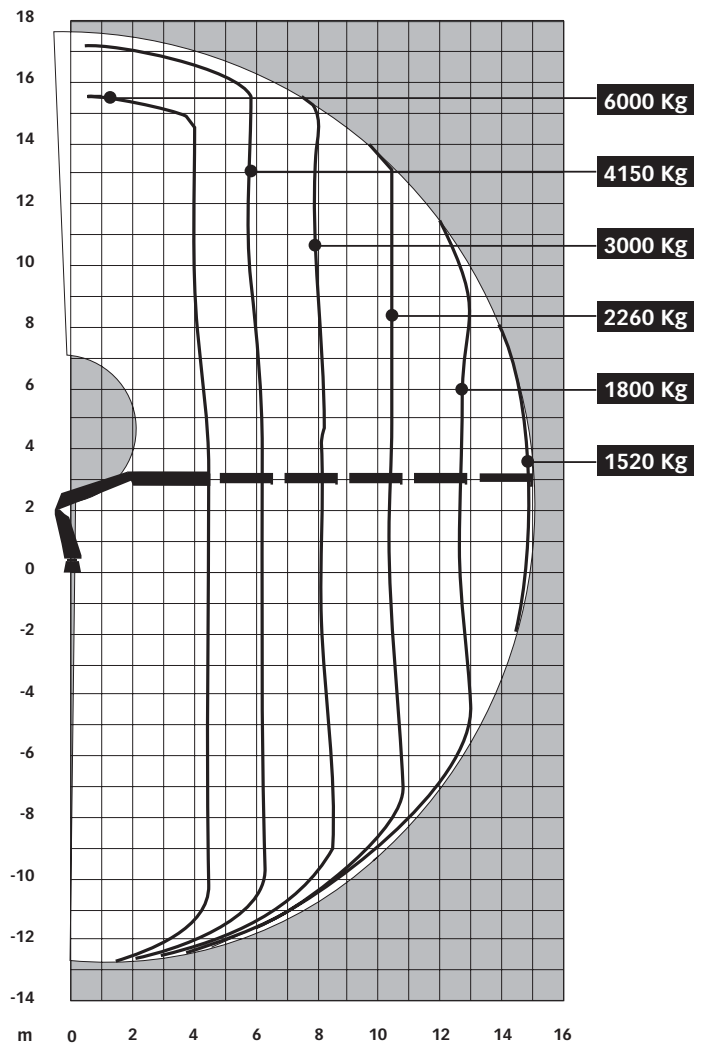
HIAB 322 EP-4 DUO 322 EP-5 DUO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



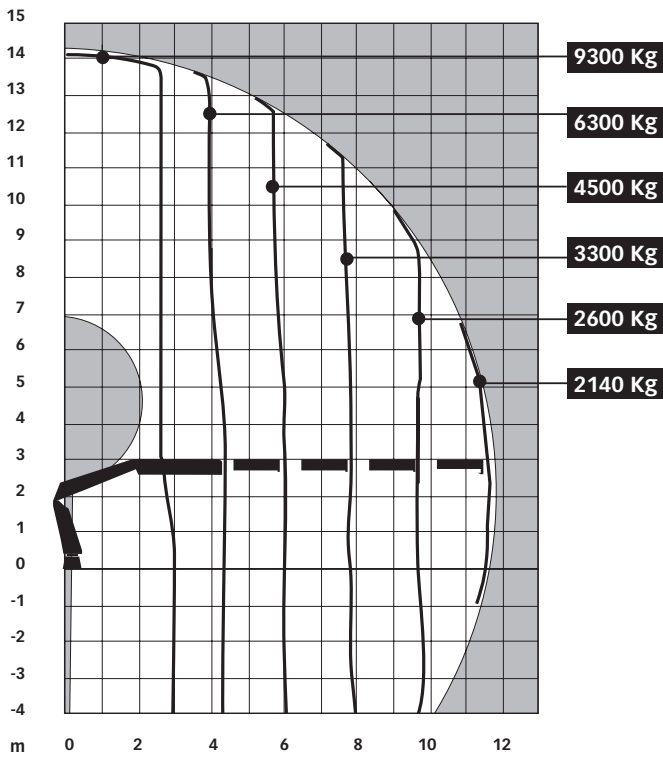
322 EP-4 DUO



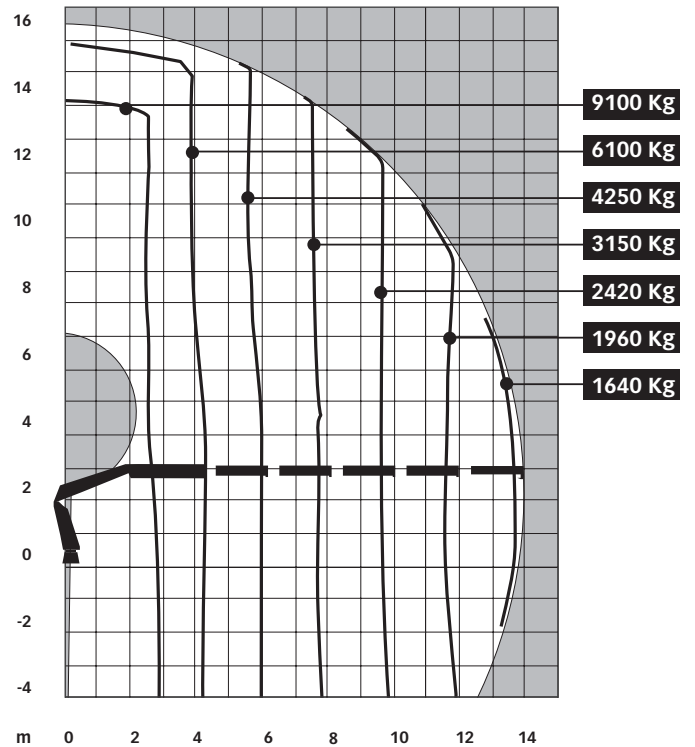
322 EP-5 DUO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



322 E-4 DUO

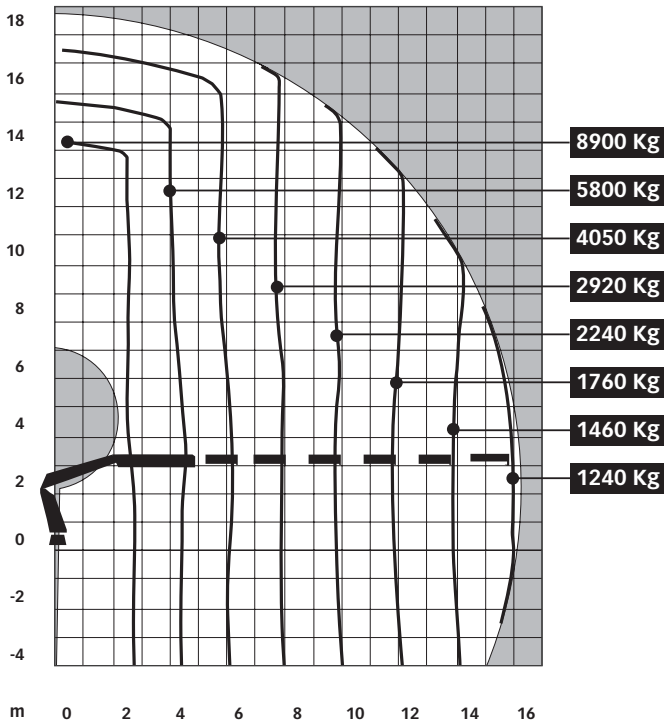


322 E-5 DUO

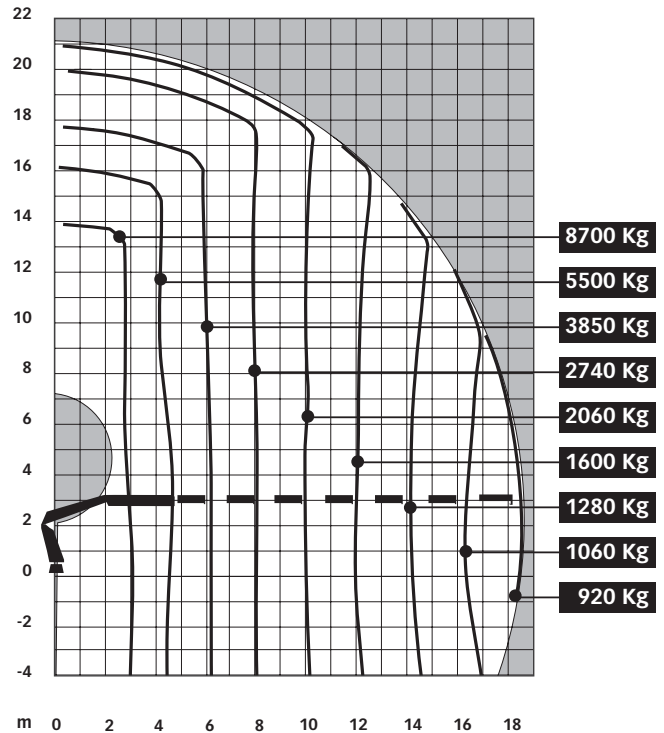
HIAB 322 E-6 DUO 322 E-7 DUO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



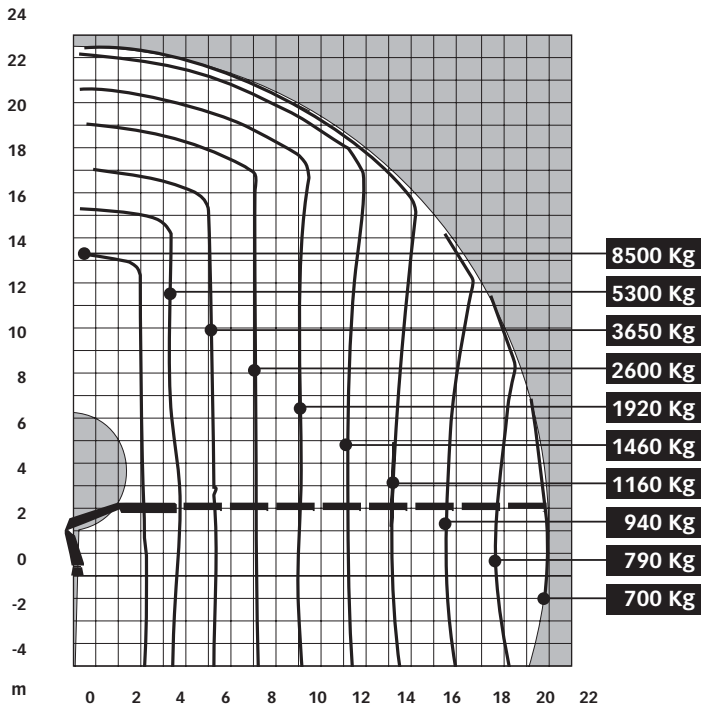
322 E-6 DUO



322 E-7 DUO

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.

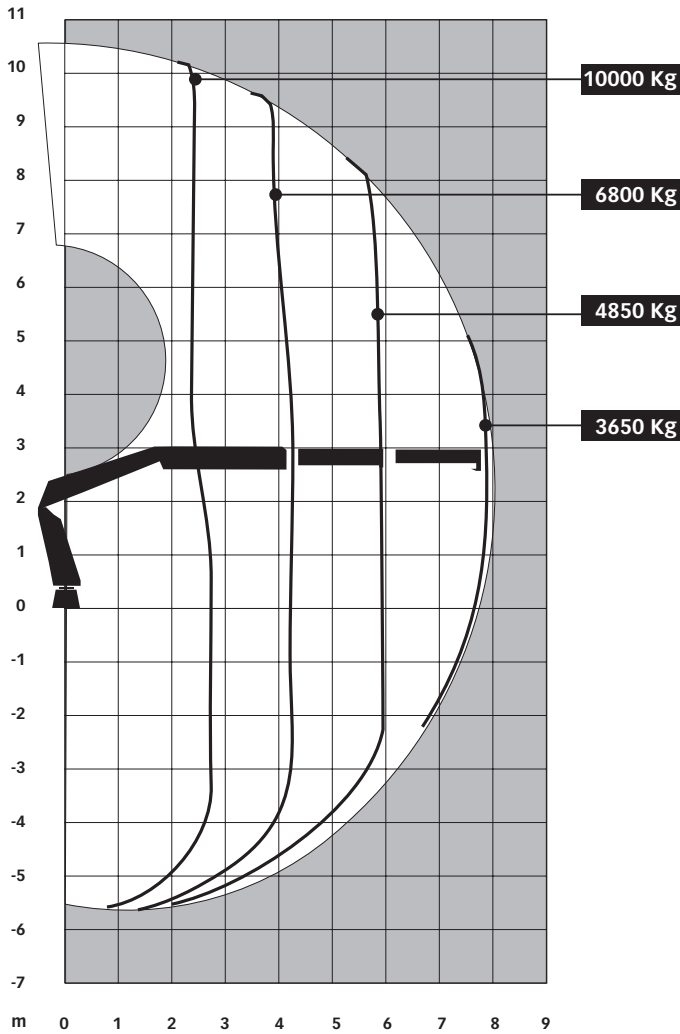


322 E-8 DUO

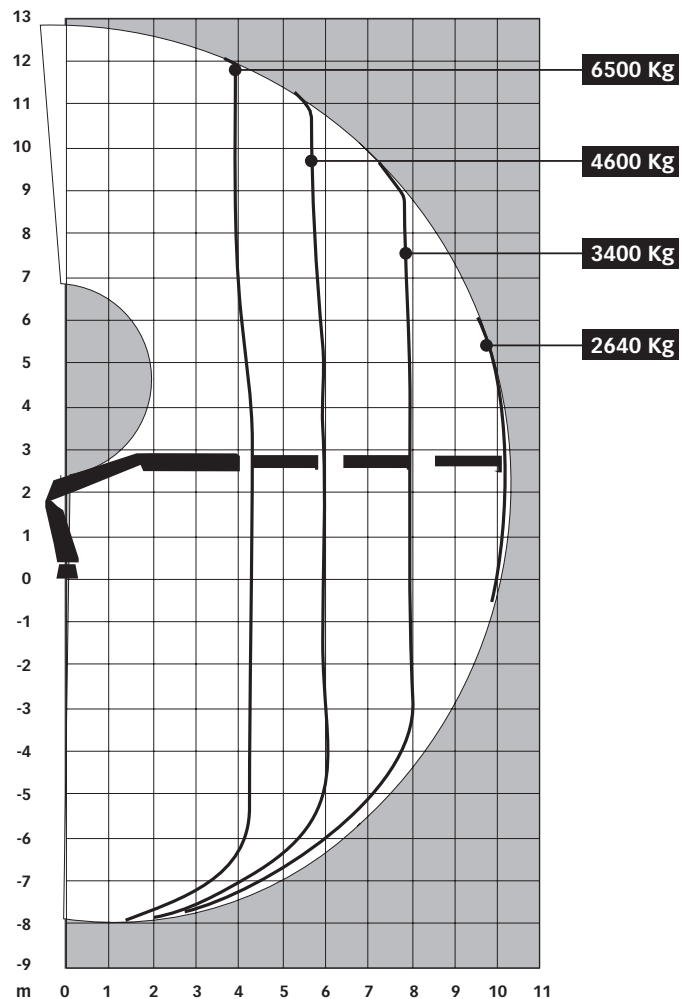
HIAB 322 EP CLX

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



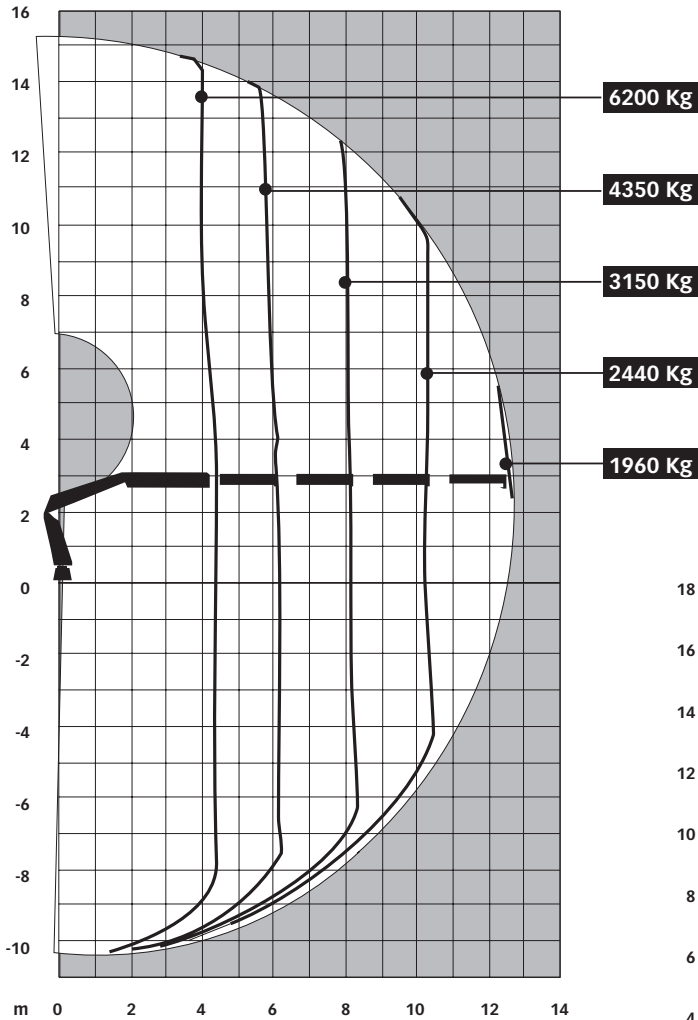
322 EP-2 CLX



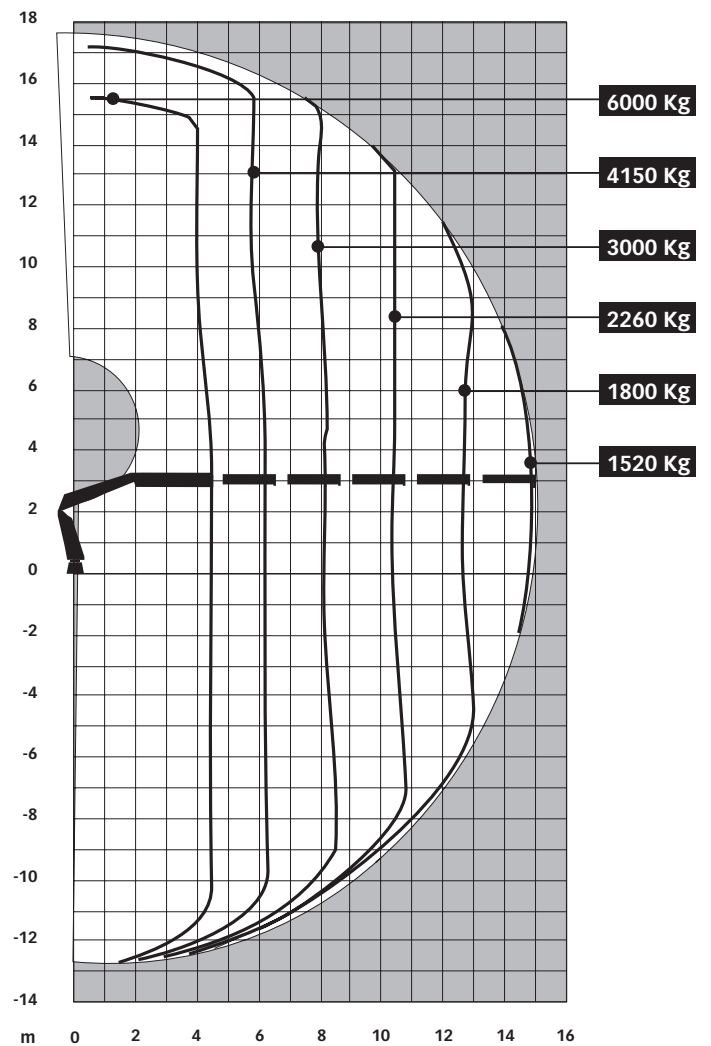
322 EP-3 CLX

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



322 EP-4 CLX

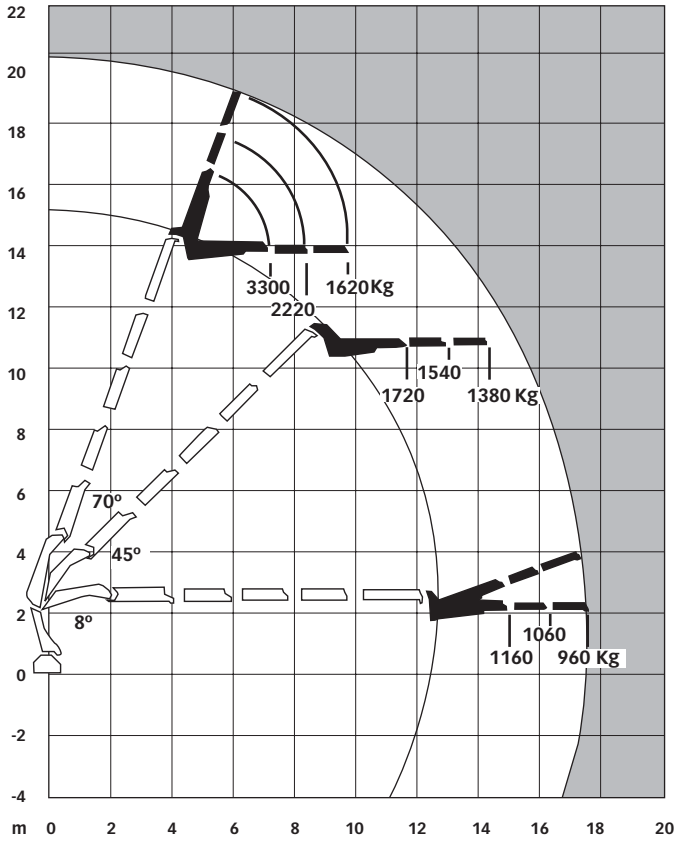


322 EP-5 CLX

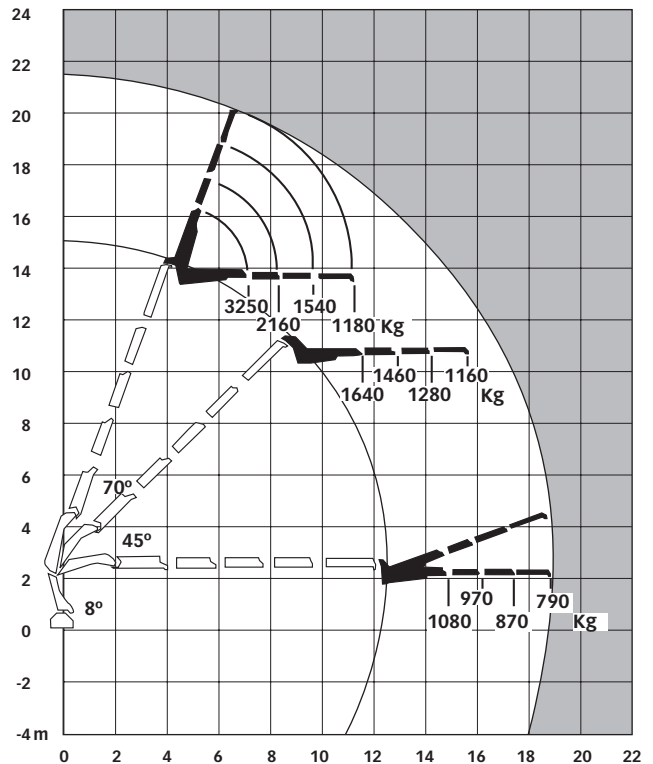
HIAB 322 E-4 + JIB

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



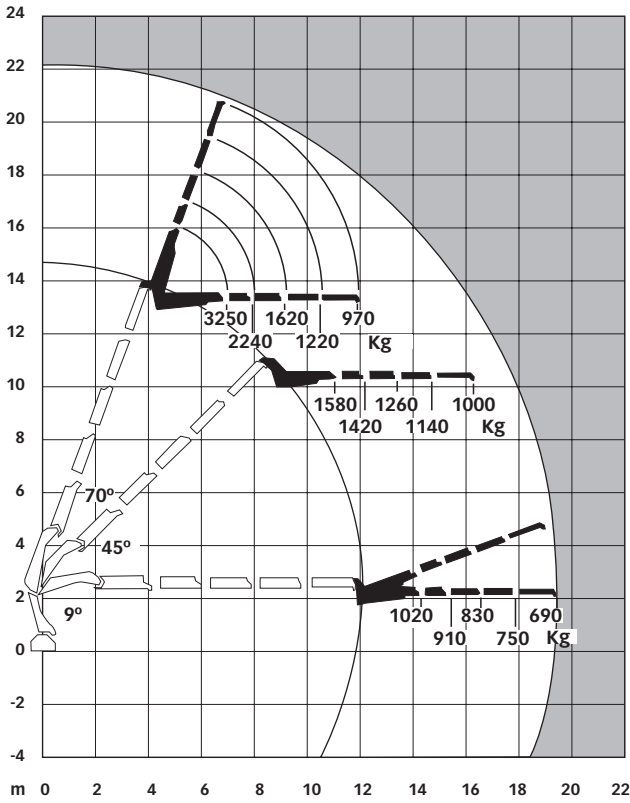
322 E-4 HIPRO JIB 100X-2.3



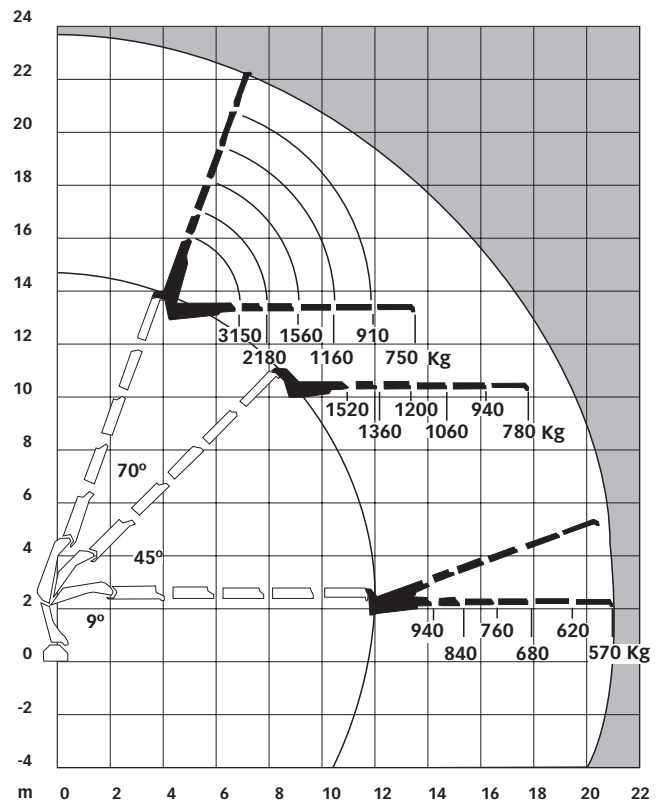
322 E-4 HIPRO JIB 100X-3.3

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



322 E-4 HIPRO JIB 100X-4

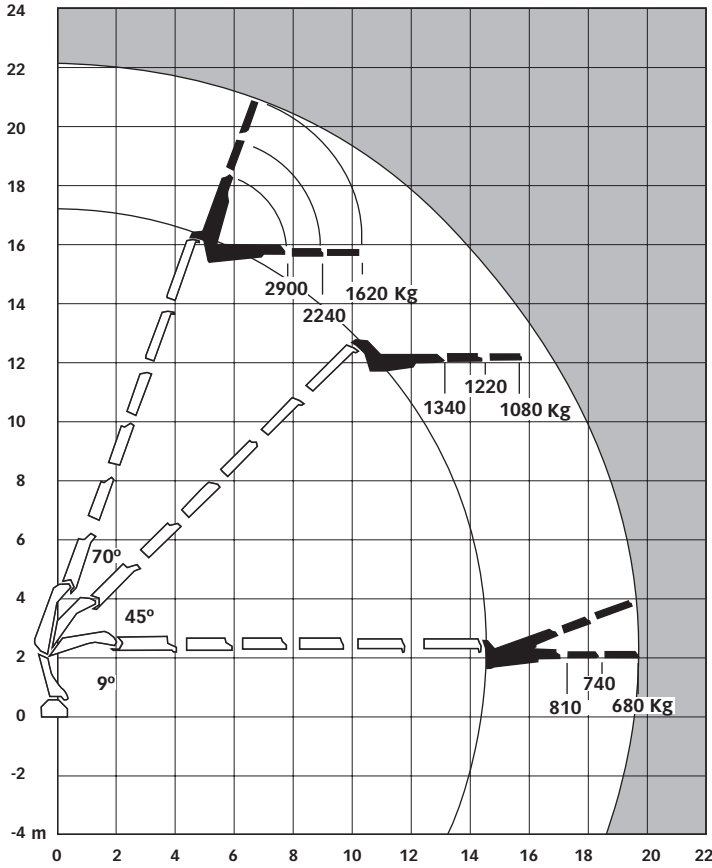


322 E-4 HIPRO JIB 100X-5

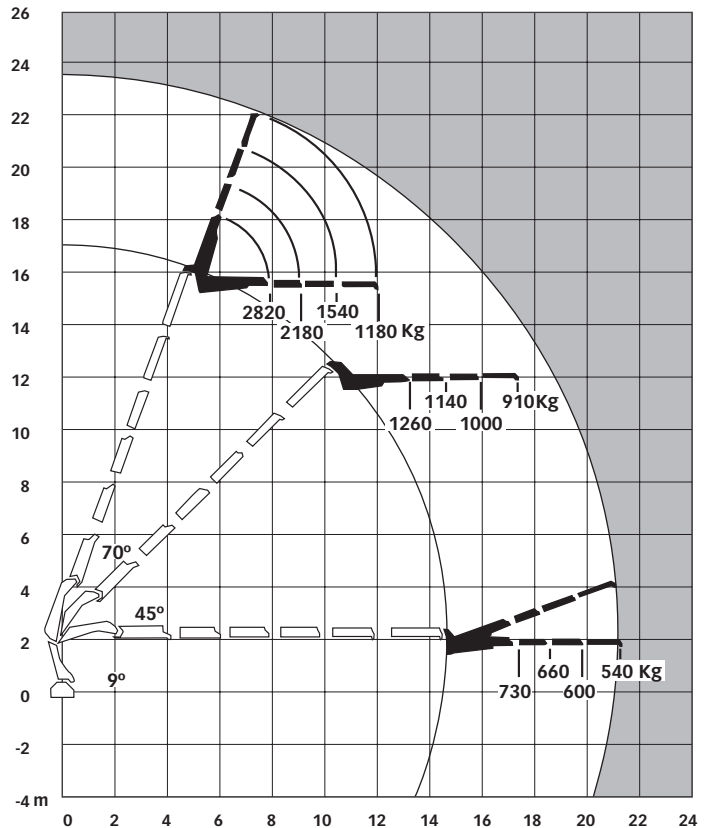
HIAB 322 E-5 + JIB

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



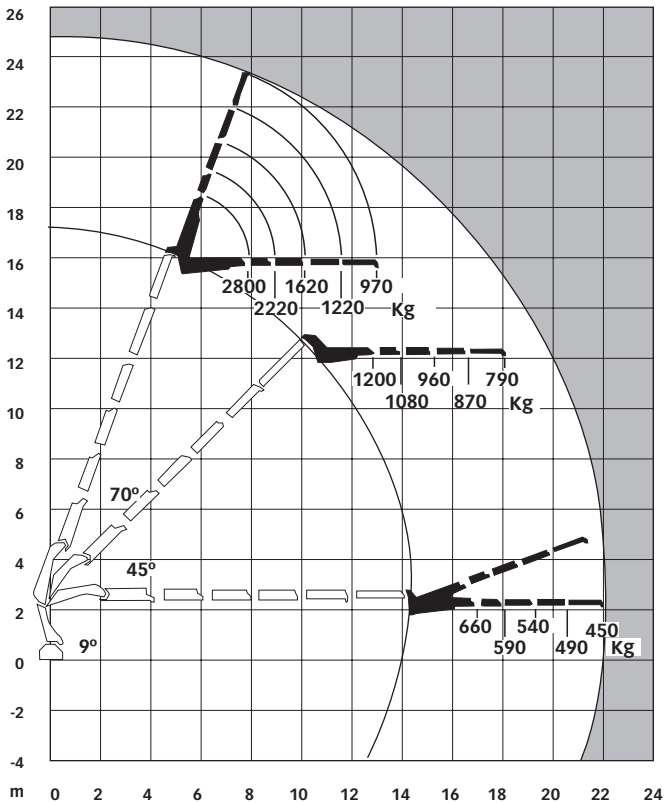
322 E-5 HIPRO JIB 100X-2.3



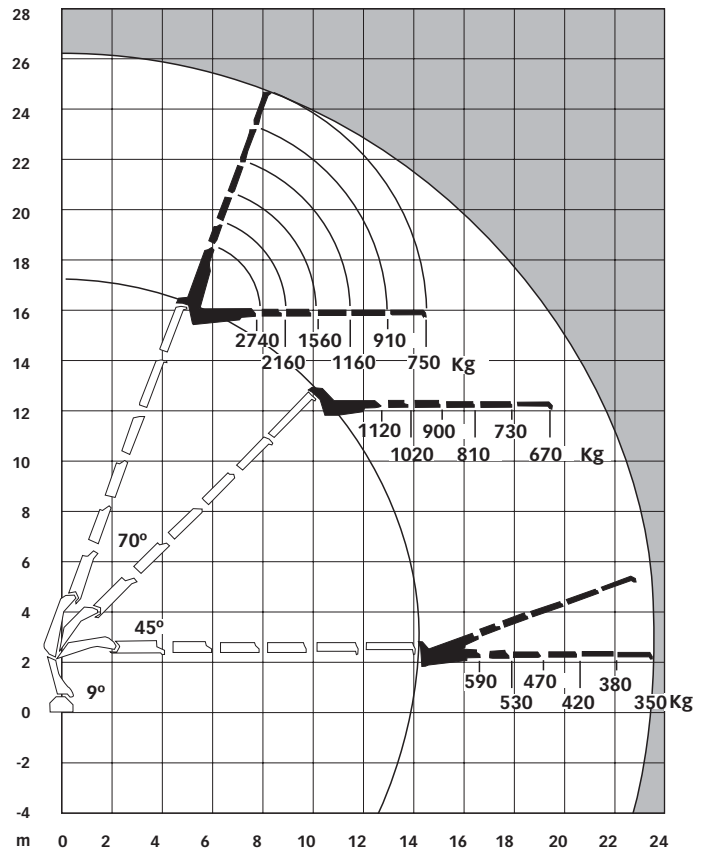
322 E-5 HIPRO JIB 100X-3.3

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



322 E-5 HIPRO JIB 100X-4

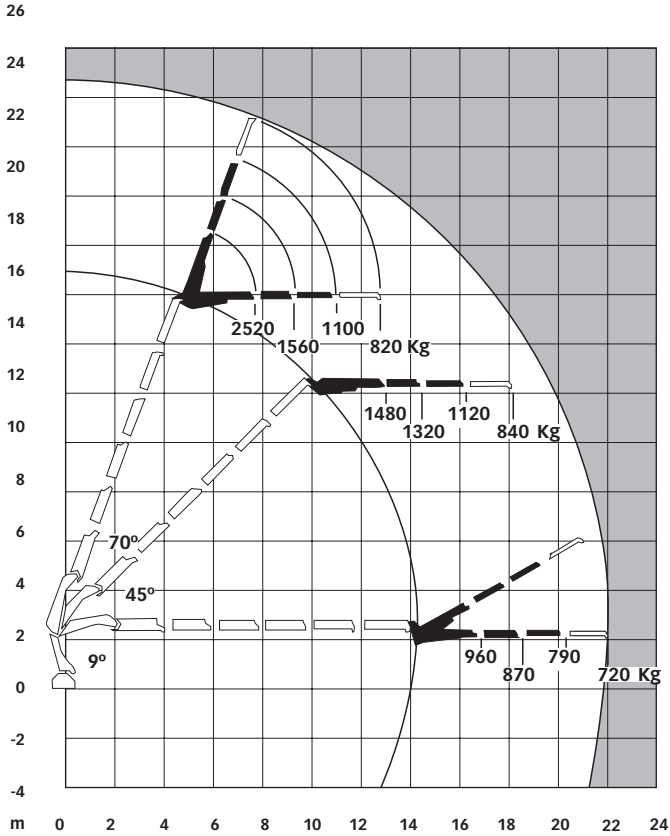


322 E-5 HIPRO JIB 100X-5

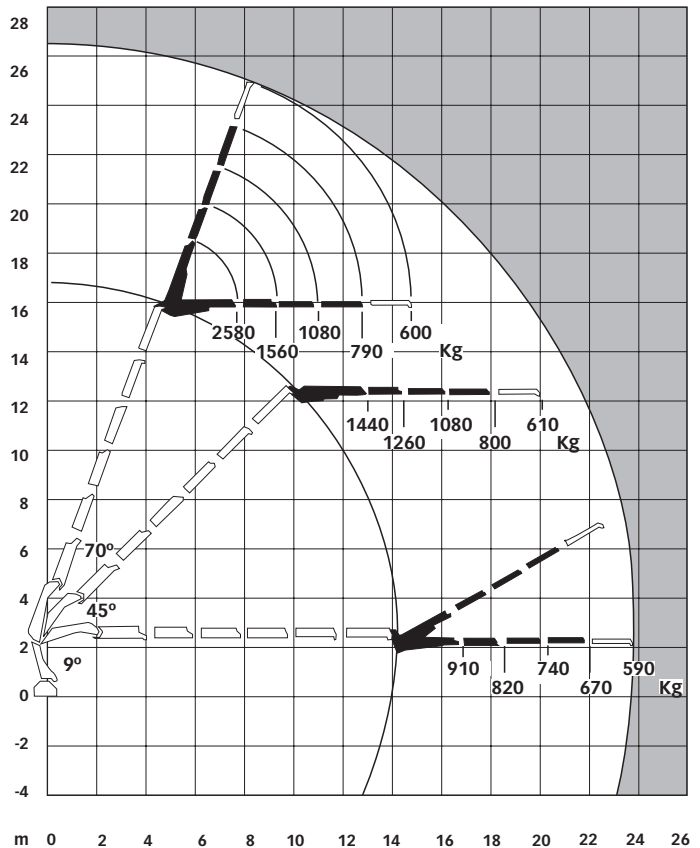
HIAB 322 E-5 + JIB

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



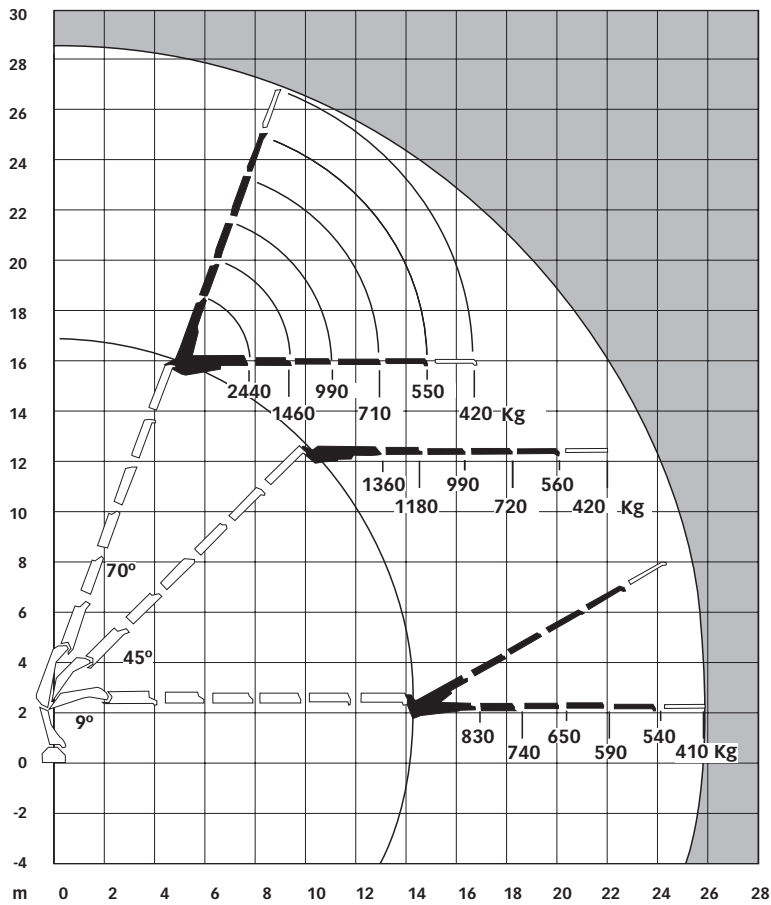
322 E-5 HIPRO JIB 70X-2



322 E-5 HIPRO JIB 70X-3

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.

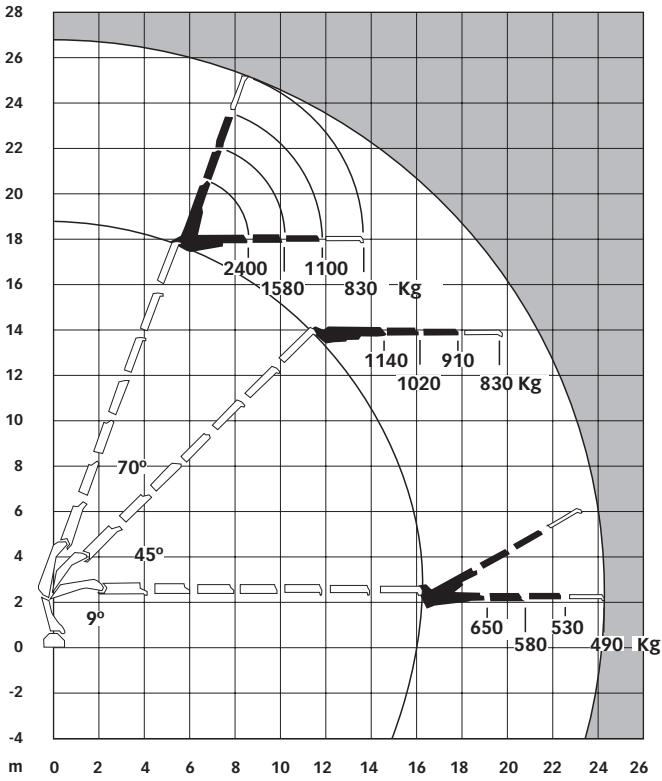


322 E-5 HIPRO JIB 70X-4

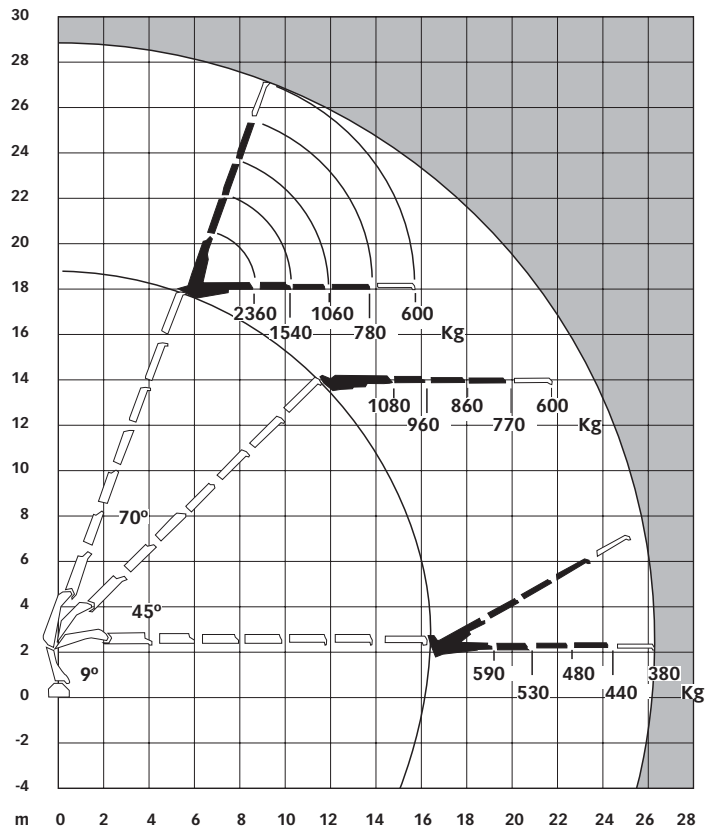
HIAB 322 E-6 + JIB

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



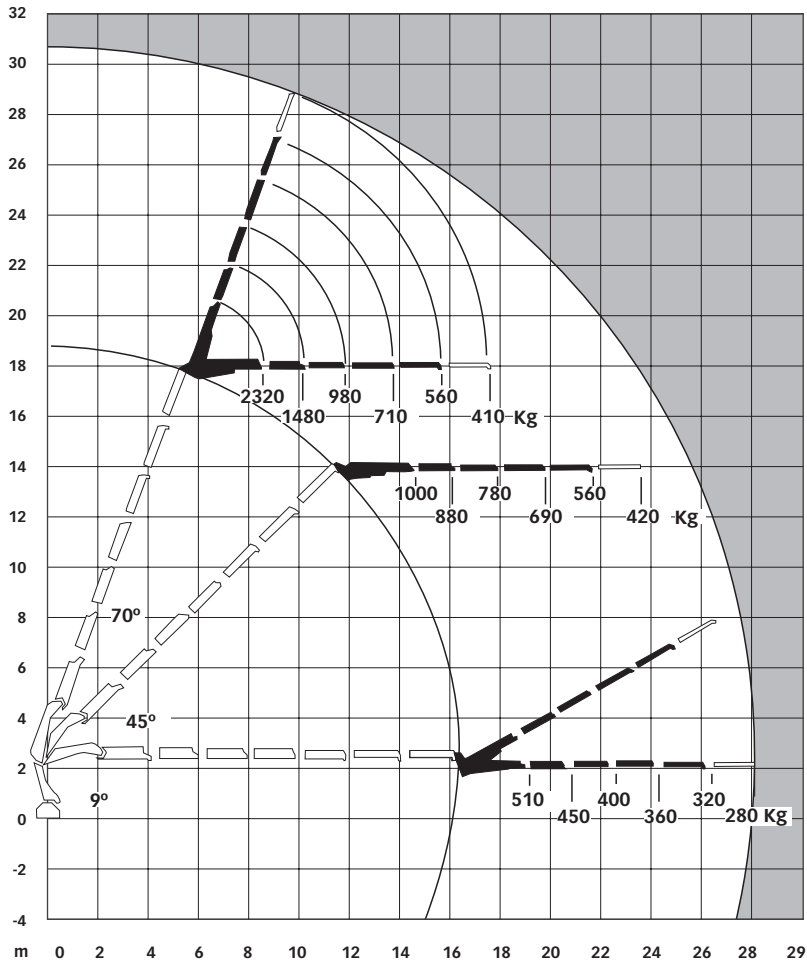
322 E-6 HIPRO JIB 70X-2



322 E-6 HIPRO JIB 70X-3

LOAD DIAGRAM

To the left of the curve the indicated loads can be handled with any loader function provided that the positions of the booms are optimized from a force point of view.



322 E-6 HIPRO JIB 70X-4

HIAB 322 EP HIPRO

TECHNICAL DATA	HIAB 322 EP-2 HIPRO	HIAB 322 EP-3 HIPRO
Lifting capacity (ADC), max.	309 kNm (31.5 tm)	303 kNm (30.9 tm)
Lifting capacity, max.	287 kNm (29.3 tm)	281 kNm (28.6 tm)
Hydraulic outreach, standard	8.0 m	10.3 m
Hydraulic boom extension	3.8 m	6.0 m
Outreach, manual extension		
Lifting height above installation level, hydr/man	10.6 m	12.9 m
Standard Hook Capacity	10000 kg	10000 kg
Outreach-lifting capacity (ADC), standard (1)	3.0 m - 10000 kg 4.2 m - 7500 kg 5.9 m - 5400 kg 7.9 m - 4000 kg	3.0 m - 10000 kg 4.3 m - 7200 kg 6.0 m - 5100 kg 8.0 m - 3750 kg 10.2 m - 2940 kg
Outreach-lifting capacity (ADC), manual extensions		
Outreach-lifting capacity, standard (1)	3.0 m - 9500 kg 4.2 m - 7000 kg 5.9 m - 4950 kg 7.9 m - 3700 kg	3.0 m - 9300 kg 4.3 m - 6700 kg 6.0 m - 4700 kg 8.0 m - 3450 kg 10.2 m - 2700 kg
Rec. oil flow (2)	90 - 140 l./min.	90 - 140 l./min.
Working pressure	33.0 MPa	33.0 MPa
Power needed at rec. oil flow	50 - 77 kW	50 - 77 kW
Slewing angle	420 °	420 °
Max. Slope viable at full capacity	5.2 °	5.1 °
Height in folded position	2380 mm	2380 mm
Width in folded position	2500 mm	2500 mm
Installation space needed (4)	1120 mm	1200 mm
Weights:		
Crane in standard version without support legs	2970 kg	3180 kg
Weight of 1 manual		
Weight of 2 manual		
Frame attachments	48 - 63 kg	48 - 63 kg
Support leg equipment 7m span (5)	555-585 kg	555-585 kg
Support leg equipment 5.8m span (6)	505-525 kg	505-525 kg
Tank incl. Oil	185 kg	185 kg

We reserve the right to introduce changes in design
Designed and strength calculated in accordance with EN 13001 and EN 12999

- (1) Hook on extension -2 (Standard hook 10t)
 (2) V91M / For high oil flow, variable pump recommended
 (4) Without / With external functions (tools)
 (5) Support legs spread 7m. (min-max)
 (6) Support legs spread 5.8m. (min-max)

HIAB 322 EP-4 HIPRO	HIAB 322 EP-5 HIPRO
297 kNm (30.3 tm)	293 kNm (29.8 tm)
275 kNm (28.0 tm)	270 kNm (27.5 tm)
12.7 m	15.1 m
8.3 m	10.6 m
17.4	17.5 m
15.3 m / 20.1 m	17.7 m / 20.1 m
10000 kg	10000 kg
2.9 m - 10000 kg	2.9 m - 10000 kg
4.4 m - 6900 kg	4.5 m - 6600 kg
6.1 m - 4850 kg	6.2 m - 4650 kg
8.1 m - 3550 kg	8.2 m - 3350 kg
10.3 m - 2720 kg	10.4 m - 2560 kg
12.6 m - 2200 kg	12.7 m - 2040 kg
	15.0 m - 1720 kg
15.0 m - 1760 kg	
17.4 m - 1460 kg	17.4 m - 1420 kg
2.9 m - 9400 kg	2.9 m - 9300 kg
4.4 m - 6400 kg	4.5 m - 6100 kg
6.1 m - 4450 kg	6.2 m - 4250 kg
8.1 m - 3250 kg	8.2 m - 3050 kg
10.3 m - 2500 kg	10.4 m - 2320 kg
12.6 m - 2020 kg	12.7 m - 1860 kg
	15.0 m - 1560 kg
90 - 140 l./min.	90 - 140 l./min.
33.0 MPa	33.0 MPa
50 - 77 kW	50 - 77 kW
420 °	420 °
5.1 °	5.1 °
2380 mm	2380 mm
2500 mm	2500 mm
1240 mm / 1278 mm	1240 mm / 1278 mm
3390 kg	3540 kg
124 kg	92 kg
92 kg	
48 - 63 kg	48 - 63 kg
555-585 kg	555-585 kg
505-525 kg	505-525 kg
185 kg	185 kg

We reserve the right to introduce changes in design
 Designed and strength calculated in accordance with EN 13001 and EN 12999

- (1) Hook on extension -2 (Standard hook 10t)
- (2) V91M / For high oil flow, variable pump recommended
- (4) Without / With external functions (tools)
- (5) Support legs spread 7m. (min-max)
- (6) Support legs spread 5.8m. (min-max)



HIAB 322 E HIPRO

TECHNICAL DATA	HIAB 322 E-4 HIPRO	HIAB 322 E-5 HIPRO
Lifting capacity (ADC), max.	296 kNm (30.1 tm)	290 kNm (29.5 tm)
Lifting capacity, max.	272 kNm (27.7 tm)	267 kNm (27.3 tm)
Hydraulic outreach, standard	11.7 m	13.9 m
Hydraulic boom extension	7.5 m	9.6 m
Outreach, manual extension	16.2 m	18.5 m
Lifting height above installation level, hydr/man	14.3 m / 18.8 m	16.5 m / 21.1 m
Standard Hook Capacity	10000 kg	10000 kg
Outreach-lifting capacity (ADC), standard (1)	3.0 m - 9400 kg 4.3 m - 7000 kg 5.9 m - 5000 kg 7.8 m - 3650 kg 9.7 m - 2900 kg 11.7 m - 2400 kg	3.1 m - 9300 kg 4.4 m - 6700 kg 6.0 m - 4750 kg 7.8 m - 3500 kg 9.7 m - 2740 kg 11.7 m - 2220 kg 13.8 m - 1860 kg
Outreach-lifting capacity (ADC), manual extensions	13.8 m - 1960 kg 16.1 m - 1600 kg	16.1 m - 1520 kg 18.4 m - 1240 kg
Outreach-lifting capacity, standard (1)	3.0 m - 9100 kg 4.3 m - 6500 kg 5.9 m - 4600 kg 7.8 m - 3350 kg 9.7 m - 2660 kg 11.7 m - 2180 kg	3.1 m - 8600 kg 4.4 m - 6200 kg 6.0 m - 4350 kg 7.8 m - 3200 kg 9.7 m - 2480 kg 11.7 m - 2000 kg 13.8 m - 1680 kg
Rec. oil flow (2)	90 - 140 l./min.	90 - 140 l./min.
Working pressure	33.0 MPa	33.0 MPa
Power needed at rec. oil flow	50 - 77 kW	50 - 77 kW
Slewing angle	420 °	420 °
Max. Slope viable at full capacity	5.1 °	5.1 °
Height in folded position	2380 mm	2380 mm
Width in folded position	2500 mm	2500 mm
Installation space needed (4)	1150 mm / 1278 mm	1120 mm / 1278 mm
Weights:		
Crane in standard version without support legs	3410 kg	3610 kg
Weight of 1 manual	98 kg	101 kg
Weight of 2 manual	101 kg	103 kg
Frame attachments	48 - 63 kg	48 - 63 kg
Support leg equipment 7m span (5)	555-585 kg	555-585 kg
Support leg equipment 5.8m span (6)	505-525 kg	505-525 kg
Tank incl. Oil	185 kg	185 kg

We reserve the right to introduce changes in design
Designed and strength calculated in accordance with EN 13001 and EN 12999

- (1) Hook on extension -4 (Standard hook 10t)
(2) V91M / For high oil flow, variable pump recommended
(4) Without / With external functions (tools)
(5) Support legs spread 7m. (min-max)
(6) Support legs spread 5.8m. (min-max)

HIAB 322 E-6 HIPRO	HIAB 322 E-7 HIPRO	HIAB 322 E-8 HIPRO
284 kNm (29.0 tm)	279 kNm (28.4 tm)	275 kNm (28 tm)
262 kNm (26.7 tm)	256 kNm (26.1 tm)	252 kNm (25.7 tm)
16.2 m	18.6 m	21.0 m
11.8 m	14.1 m	16.4 m
20.1 m	21.8 m	22.6 m
18.8 m / 22.7 m	21.2 m / 24.4 m	23.6 m / 25.2 m
10000 kg	10000 kg	10000 kg
3.1 m - 9100 kg	3.1 m - 8900 kg	3.1 m - 8800 kg
4.5 m - 6400 kg	4.6 m - 6200 kg	4.7 m - 5900 kg
6.1 m - 4500 kg	6.2 m - 4300 kg	6.3 m - 4150 kg
7.9 m - 3300 kg	8.0 m - 3100 kg	8.1 m - 2960 kg
9.8 m - 2540 kg	9.9 m - 2360 kg	10.0 m - 2220 kg
11.8 m - 2020 kg	11.9 m - 1860 kg	12.0 m - 1720 kg
13.9 m - 1680 kg	14.0 m - 1500 kg	14.1 m - 1380 kg
16.1 m - 1420 kg	16.2 m - 1260 kg	16.3 m - 1120 kg
	18.5 m - 1080 kg	18.6 m - 960 kg
		20.9 m - 840 kg
18.4 m - 1160 kg	20.1 m - 940 kg	22.5 m - 740 kg
20.0 m - 1020 kg	21.7 m - 830 kg	
3.1 m - 8400 kg	3.1 m - 8300 kg	3.1 m - 8100 kg
4.5 m - 5900 kg	4.6 m - 5700 kg	4.7 m - 5500 kg
6.1 m - 4150 kg	6.2 m - 3950 kg	6.3 m - 3750 kg
7.9 m - 3000 kg	8.0 m - 2820 kg	8.1 m - 2680 kg
9.8 m - 2300 kg	9.9 m - 2120 kg	10.0 m - 1985 kg
11.8 m - 1820 kg	11.9 m - 1660 kg	12.0 m - 1520 kg
13.9 m - 1500 kg	14.0 m - 1340 kg	14.1 m - 1200 kg
16.1 m - 1280 kg	16.2 m - 1100 kg	16.3 m - 980 kg
	18.5 m - 960 kg	18.6 m - 830 kg
		20.9 m - 730 kg
90 - 140 l./min.	90 - 140 l./min.	90 - 140 l./min.
33.0 MPa	33.0 MPa	33.0 MPa
50 - 77 kW	50 - 77 kW	50 - 77 kW
420 °	420 °	420 °
5.0 °	5.0 °	5.0 °
2380 mm	2380 mm	2380 mm
2500 mm	2500 mm	2500 mm
1230 mm / 1318 mm	1260 mm/1278	1260 mm / 1278 mm
3780 kg	3950 kg	4070 kg
103 kg	75 kg	52 kg
75 kg	52 kg	
48 - 63 kg	48 - 63 kg	48 - 63 kg
555-585 kg	555-585 kg	555-585 kg
505-525 kg	505-525 kg	505-525 kg
185 kg	185 kg	185 kg

We reserve the right to introduce changes in design
 Designed and strength calculated in accordance with EN 13001 and EN 12999

- (1) Hook on extension -4 (Standard hook 10t)
- (2) V91M / For high oil flow, variable pump recommended
- (4) Without / With external functions (tools)
- (5) Support legs spread 7m. (min-max)
- (6) Support legs spread 5,8m. (min-max)

HIAB 322 EP HIDUO

TECHNICAL DATA	HIAB 322 EP-2 HIDUO	HIAB 322 EP-3 HIDUO
Lifting capacity (ADC), max.	297 kNm (30.3 tm)	291 kNm (29.6 tm)
Lifting capacity, max.	275 kNm (28.1 tm)	269 kNm (27.4 tm)
Hydraulic outreach, standard	8.0 m	10.3 m
Hydraulic boom extension	3.8 m	6.0 m
Outreach, manual extension		
Lifting height above installation level, hydr/man	10.6 m	12.9 m
Standard Hook Capacity	10000 kg	10000 kg
Outreach-lifting capacity (ADC), standard (1)	2.9 m - 10000 kg 4.2 m - 7200 kg 5.9 m - 5100 kg 7.9 m - 3850 kg	2.8 m - 10000 kg 4.3 m - 6900 kg 6.0 m - 4850 kg 8.0 m - 3600 kg 10.2 m - 2800 kg
Outreach-lifting capacity (ADC), manual extensions		
Outreach-lifting capacity, standard (1)	2.9 m - 9400 kg 4.2 m - 6700 kg 5.9 m - 4750 kg 7.9 m - 3550 kg	2.8 m - 9500 kg 4.3 m - 6400 kg 6.0 m - 4500 kg 8.0 m - 3300 kg 10.2 m - 2580 kg
Rec. oil flow (2)	80 - 90 l./min.	80 - 90 l./min.
Working pressure	32.0 MPa	32.0 MPa
Power needed at rec. oil flow	43 - 48 kW	43 - 48 kW
Slewing angle	420 °	420 °
Max. Slope viable at full capacity	5.4 °	5.4 °
Height in folded position	2380 mm	2380 mm
Width in folded position	2500 mm	2500 mm
Installation space needed (4)	1120 mm	1200 mm
Weights:		
Crane in standard version without support legs	2950 kg	3160 kg
Weight of 1 manual		
Weight of 2 manual		
Frame attachments	48 - 63 kg	48 - 63 kg
Support leg equipment 7m span (5)	555-585 kg	555-585 kg
Support leg equipment 5,8m span (6)	505-525 kg	505-525 kg
Tank incl. Oil	185 kg	185 kg

We reserve the right to introduce changes in design
Designed and strength calculated in accordance with EN 13001 and EN 12999

- (1) Hook on extension -2 (Standard hook 10t)
(2) V91M / For high oil flow, a variable pump is recommended
(3) Without / With external functions (tools)
(4) Support legs spread 7m. (min-max)
(5) Support legs spread 5.8m. (min-max)

HIAB 322 EP-4 HIDUO	HIAB 322 EP-5 HIDUO
285 kNm (29.0 tm)	280 kNm (28.5 tm)
263 kNm (26.8 tm)	258 kNm (26.3 tm)
12.7 m	15.1 m
8.3 m	10.6 m
17.5 m	17.5 m
15.3 m / 20.1 m	17.7 m / 20.1 m
10000 kg	10000 kg
2.8 m - 10000 kg	2.7 m - 10000 kg
4.4 m - 6600 kg	4.5 m - 6300 kg
6.1 m - 4600 kg	6.2 m - 4400 kg
8.1 m - 3400 kg	8.2 m - 3200 kg
10.3 m - 2600 kg	10.4 m - 2420 kg
12.6 m - 2100 kg	12.7 m - 1940 kg
	15.0 m - 1620 kg
15.0 m - 1680 kg	17.4 m - 1340 kg
17.4 m - 1380 kg	
2.8 m - 9300 kg	2.7 m - 9500 kg
4.4 m - 6100 kg	4.5 m - 5800 kg
6.1 m - 4250 kg	6.2 m - 4050 kg
8.1 m - 3100 kg	8.2 m - 2920 kg
10.3 m - 2380 kg	10.4 m - 2200 kg
12.6 m - 1920 kg	12.7 m - 1760 kg
	15.0 m - 1480 kg
80 - 90 l./min.	80 - 90 l./min.
32.0 MPa	32.0 MPa
43 - 48 kW	43 - 48 kW
420 °	420 °
5.3 °	5.3 °
2380 mm	2380 mm
2500 mm	2500 mm
1240 mm / 1278 mm	1240 mm / 1278 mm
3370 kg	3530 kg
124 kg	92 kg
92 kg	
48 - 63 kg	48 - 63 kg
555-585 kg	555-585 kg
505-525 kg	505-525 kg
185 kg	185 kg

We reserve the right to introduce changes in design
 Designed and strength calculated in accordance with EN 13001 and EN 12999

- (1) Hook on extension -2 (Standard hook 10t)
- (2) V91M / For high oil flow, a variable pump is recommended
- (3) Without / With external functions (tools)
- (4) Support legs spread 7m. (min-max)
- (5) Support legs spread 5.8m. (min-max)

TECHNICAL DATA	HIAB 322 E-4 HIDUO	HIAB 322 E-5 HIDUO
Lifting capacity (ADC), max.	283 kNm (28.9 tm)	275 kNm (28.1 tm)
Lifting capacity, max.	261 kNm (26.7 tm)	254 kNm (25.9 tm)
Hydraulic outreach, standard	11.7 m	13.9 m
Hydraulic boom extension	7.5 m	9.6 m
Outreach, manual extension	16.2 m	18.5 m
Lifting height above installation level, hydr/man	14.3 m / 18.8 m	16.5 m / 21.1 m
Standard Hook Capacity	10000 kg	10000 kg
Outreach-lifting capacity (ADC), standard (1)	2.9 m - 9400 kg 4.3 m - 6700 kg 5.9 m - 4750 kg 7.8 m - 3500 kg 9.7 m - 2760 kg 11.7 m - 2280 kg	3.0 m - 9200 kg 4.5 m - 6200 kg 6.0 m - 4500 kg 7.8 m - 3300 kg 9.7 m - 2560 kg 11.7 m - 2060 kg 13.8 m - 1720 kg
Outreach-lifting capacity (ADC), manual extensions	13.8 m - 1860 kg 16.1 m - 1520 kg	16.1 m - 1420 kg 18.4 m - 1160 kg
Outreach-lifting capacity, standard (1)	2.9 m - 9000 kg 4.3 m - 6200 kg 5.9 m - 4400 kg 7.8 m - 3200 kg 9.7 m - 2520 kg 11.7 m - 2080 kg	2.9 m - 8800 kg 4.4 m - 5790 kg 6.0 m - 4150 kg 7.8 m - 3050 kg 9.7 m - 2360 kg 11.7 m - 1900 kg 13.8 m - 1600 kg
Rec. oil flow (2)	80 - 90 l./min.	80 - 90 l./min.
Working pressure	32.0 MPa	32.0 MPa
Power needed at rec. oil flow	43 - 48 kW	43 - 48 kW
Slewing angle	420 °	420 °
Max. Slope viable at full capacity	5.3 °	5.3 °
Height in folded position	2380 mm	2380 mm
Width in folded position	2500 mm	2500 mm
Installation space needed (4)	1150 mm / 1278 mm	1120 mm / 1278 mm
Weights:		
Crane in standard version without support legs	3400 kg	3590 kg
Weight of 1 manual	98 kg	101 kg
Weight of 2 manual	101 kg	103 kg
Frame attachments	48 - 63 kg	48 - 63 kg
Support leg equipment 7m span (5)	555-585 kg	555-585 kg
Support leg equipment 5,8m span (6)	505-525 kg	505-525 kg
Tank incl. Oil	185 kg	185 kg

We reserve the right to introduce changes in design
Designed and strength calculated in accordance with EN 13001 and EN 12999

- (1) Hook on extension -2 (Standard hook 10t)
(2) V91M / For high oil flow, a variable pump is recommended
(3) Without / With external functions (tools)
(4) Support legs spread 7m. (min-max)
(5) Support legs spread 5.8m. (min-max)

HIAB 322 E-6 HIDUO	HIAB 322 E-7 HIDUO	HIAB 322 E-8 HIDUO
272 kNm (27.7 tm)	266 kNm (27.4 tm)	261 kNm (26.6 tm)
250 kNm (25.5 tm)	245 kNm (24.9 tm)	239 kNm (24.3 tm)
16.2 m	18.6 m	21.0 m
11.8 m	14.1 m	16.4 m
20.1 m	21.8 m	22.6 m
18.8 m / 22.7 m	21.2 m / 24.4 m	23.6 m / 25.2 m
10000 kg	10000 kg	10000 kg
3.0 m - 9000 kg	3.0 m - 8800 kg	3.0 m - 8700 kg
4.5 m - 6100 kg	4.6 m - 5900 kg	4.7 m - 5700 kg
6.1 m - 4300 kg	6.2 m - 4100 kg	6.3 m - 3950 kg
7.9 m - 3150 kg	8.0 m - 2960 kg	8.1 m - 2800 kg
9.8 m - 2400 kg	9.9 m - 2220 kg	10.0 m - 2080 kg
11.8 m - 1920 kg	11.9 m - 1740 kg	12.0 m - 1600 kg
13.9 m - 1580 kg	14.0 m - 1400 kg	14.1 m - 1280 kg
16.1 m - 1340 kg	16.2 m - 1180 kg	16.3 m - 1040 kg
	18.5 m - 1020 kg	18.6 m - 890 kg
		20.9 m - 780 kg
18.4 m - 1100 kg	20.1 m - 870 kg	22.5 m - 680 kg
20.0 m - 940 kg	21.7 m - 770 kg	
3.0 m - 8300 kg	3.0 m - 8200 kg	3.0 m - 8000 kg
4.5 m - 5700 kg	4.6 m - 5400 kg	4.7 m - 5200 kg
6.1 m - 3950 kg	6.2 m - 3750 kg	6.3 m - 3550 kg
7.9 m - 2840 kg	8.0 m - 2660 kg	8.1 m - 2520 kg
9.8 m - 2160 kg	9.9 m - 2000 kg	10.0 m - 1860 kg
11.8 m - 1720 kg	11.9 m - 1540 kg	12.0 m - 1420 kg
13.9 m - 1400 kg	14.0 m - 1240 kg	14.1 m - 1120 kg
16.1 m - 1200 kg	16.2 m - 1040 kg	16.3 m - 900 kg
	18.5 m - 890 kg	18.6 m - 760 kg
		20.9 m - 670 kg
80 - 90 l./min.	80 - 90 l./min.	80 - 90 l./min.
32.0 MPa	32.0 MPa	32.0 MPa
43 - 48 kW	43 - 48 kW	43 - 48 kW
420 °	420 °	420 °
5.3 °	5.3 °	5.2 °
2380 mm	2380 mm	2380 mm
2500 mm	2500 mm	2500 mm
1230 mm / 1318 mm	1260 mm / 1278 mm	1260 mm / 1278 mm
3760 kg	3930 kg	4050 kg
103 kg	75 kg	52 kg
75 kg	52 kg	
48 - 63 kg	48 - 63 kg	48 - 63 kg
555-585 kg	555-585 kg	555-585 kg
505-525 kg	505-525 kg	505-525 kg
185 kg	185 kg	185 kg

We reserve the right to introduce changes in design
 Designed and strength calculated in accordance with EN 13001 and EN 12999

- (1) Hook on extension -2 (Standard hook 10t)
- (2) V91M / For high oil flow, a variable pump is recommended
- (4) Without / With external functions (tools)
- (5) Support legs spread 7m. (min-max)
- (6) Support legs spread 5.8m. (min-max)

HIAB 322 EP DUO

TECHNICAL DATA	HIAB 322 EP-2 DUO	HIAB 322 EP-3 DUO
Lifting capacity (ADC), max.	281 kNm (28.7 tm)	275 kNm (28.0 tm)
Lifting capacity, max.	261 kNm (26.6 tm)	254 kNm (25.9 tm)
Hydraulic outreach, standard	8.0 m	10.3 m
Hydraulic boom extension	3.8 m	6.0 m
Outreach, manual extension		
Lifting height above installation level, hydr/man	10.6 m / 15.3 m	12.9 m / 17.7 m
Standard Hook Capacity	10000 kg	10000 kg
Outreach-lifting capacity (ADC), standard (1)	2.7 m - 10000 kg 4.2 m - 6800 kg 5.9 m - 4850 kg 7.9 m - 3650 kg	2.7 m - 10000 kg 4.3 m - 6500 kg 6.0 m - 4600 kg 8.0 m - 3400 kg 10.2 m - 2640 kg
Outreach-lifting capacity (ADC), manual extensions		
Outreach-lifting capacity, standard (1)	2.7 m - 9600 kg 4.2 m - 6300 kg 5.9 m - 4500 kg 7.9 m - 3350 kg	2.7 m - 9300 kg 4.3 m - 6000 kg 6.0 m - 4250 kg 8.0 m - 3100 kg 10.2 m - 2420 kg
Rec. oil flow (2)	60 - 75 l./min.	60 - 75 l./min.
Working pressure	31.0 MPa	31.0 MPa
Power needed at rec. oil flow	31 - 39 kW	31 - 39 kW
Slewing angle	420 °	420 °
Max. Slope viable at full capacity	5.7 °	5.7 °
Height in folded position	2380 mm	2380 mm
Width in folded position	2500 mm	2500 mm
Installation space needed (4)	1120 mm	1200 mm
Weights:		
Crane in standard version without support legs	2930 kg	3140 kg
Weight of 1 manual		
Weight of 2 manual		
Frame attachments	48 - 63 kg	48 - 63 kg
Support leg equipment 7m span (5)	555-585 kg	555-585 kg
Support leg equipment 5.8m span (6)	505-525 kg	505-525 kg
Tank incl. Oil	185 kg	185 kg

We reserve the right to introduce changes in design
Designed and strength calculated in accordance with EN 13001 and EN 12999

- (1) Hook on extension -2 (Standard hook 10t)
(2) V91M / For high oil flow, a variable pump is recommended
(3) Without / With external functions (tools)
(4) Support legs spread 7m. (min-max)
(5) Support legs spread 5.8m. (min-max)

HIAB 322 EP-4 DUO	HIAB 322 EP-5 DUO
269 kNm (27.4 tm)	264 kNm (26.9 tm)
248 kNm (25.3 tm)	244 kNm (24.8 tm)
12.7 m	15.1 m
8.3 m	10.6 m
17.5 m	17.5 m
15.3 m / 20.1 m	17.7 m / 20.1 m
10000 kg	10000 kg
2.6 m - 10000 kg	2.6 m - 10000 kg
4.4 m - 6200 kg	4.5 m - 6000 kg
6.1 m - 4350 kg	6.2 m - 4150 kg
8.1 m - 3150 kg	8.2 m - 3000 kg
10.3 m - 2440 kg	10.4 m - 2260 kg
12.6 m - 1960 kg	12.7 m - 1800 kg
	15.0 m - 1520 kg
15.0 m - 1560 kg	17.4 m - 1240 kg
17.4 m - 1280 kg	
2.5 m - 9500 kg	2.6 m - 9300 kg
4.4 m - 5700 kg	4.5 m - 5500 kg
6.1 m - 4000 kg	6.2 m - 3800 kg
8.1 m - 2900 kg	8.2 m - 2740 kg
10.3 m - 2220 kg	10.4 m - 2060 kg
12.6 m - 1800 kg	12.7 m - 1640 kg
	15.0 m - 1360 kg
60 - 75 l./min.	60 - 75 l./min.
31.0 MPa	31.0 MPa
31 - 39 kW	31 - 39 kW
420 °	420 °
5.6 °	5.6 °
2380 mm	2380 mm
2500 mm	2500 mm
1240 mm / 1278 mm	1240 mm / 1278 mm
3350 kg	3500 kg
124 kg	92 kg
92 kg	
48 - 63 kg	48 - 63 kg
555-585 kg	555-585 kg
505-525 kg	505-525 kg
185 kg	185 kg

We reserve the right to introduce changes in design
 Designed and strength calculated in accordance with EN 13001 and EN 12999

- (1) Hook on extension -2 (Standard hook 10t)
- (2) V91M / For high oil flow, a variable pump is recommended
- (3) Without / With external functions (tools)
- (4) Support legs spread 7m. (min-max)
- (5) Support legs spread 5.8m. (min-max)



HIAB 322 E DUO

TECHNICAL DATA	HIAB 322 E-4 DUO	HIAB 322 E-5 DUO
Lifting capacity (ADC), max.	267 kNm (27.3 tm)	261 kNm (26.7 tm)
Lifting capacity, max.	247 kNm (25.2 tm)	241 kNm (24.6 tm)
Hydraulic outreach, standard	11.7 m	13.9 m
Hydraulic boom extension	7.5 m	9.6 m
Outreach, manual extension	16.2 m	18.5 m
Lifting height above installation level, hydr/man	14.3 m / 18.8 m	16.5 m / 21.1 m
Standard Hook Capacity	10000 kg	10000 kg
Outreach-lifting capacity (ADC), standard (1)	2.8 m - 9300 kg 4.3 m - 6300 kg 5.9 m - 4500 kg 7.8 m - 3300 kg 9.7 m - 2600 kg 11.7 m - 2140 kg	2.8 m - 9100 kg 4.5 m - 6100 kg 6.0 m - 4250 kg 7.8 m - 3150 kg 9.7 m - 2420 kg 11.7 m - 1960 kg 13.8 m - 1640 kg
Outreach-lifting capacity (ADC), manual extensions	13.8 m - 1740 kg 16.1 m - 1400 kg	16.1 m - 1320 kg 18.4 m - 1080 kg
Outreach-lifting capacity, standard (1)	2.8 m - 8800 kg 4.3 m - 5800 kg 5.9 m - 4100 kg 7.8 m - 3000 kg 9.7 m - 2360 kg 11.7 m - 1940 kg	2.8 m - 8600 kg 4.4 m - 5600 kg 6.0 m - 3900 kg 7.8 m - 2840 kg 9.7 m - 2200 kg 11.7 m - 1760 kg 13.8 m - 1480 kg
Rec. oil flow (2)	60 - 75 l./min.	60 - 75 l./min.
Working pressure	31.0 MPa	31.0 MPa
Power needed at rec. oil flow	31 - 39 kW	31 - 39 kW
Slewing angle	420 °	420 °
Max. Slope viable at full capacity	5.6 °	5.6 °
Height in folded position	2380 mm	2380 mm
Width in folded position	2500 mm	2500 mm
Installation space needed (4)	1150 mm / 1278 mm	1120 mm / 1278 mm
Weights:		
Crane in standard version without support legs	3370 kg	3570 kg
Weight of 1 manual	98 kg	101 kg
Weight of 2 manual	101 kg	103 kg
Frame attachments	48 - 63 kg	48 - 63 kg
Support leg equipment 7m span (5)	555-585 kg	555-585 kg
Support leg equipment 5.8m span (6)	505-525 kg	505-525 kg
Tank incl. Oil	185 kg	185 kg

We reserve the right to introduce changes in design
Designed and strength calculated in accordance with EN 13001 and EN 12999

- (1) Hook on extension -2 (Standard hook 10t)
(2) V91M / For high oil flow, a variable pump is recommended
(3) Without / With external functions (tools)
(4) Support legs spread 7m. (min-max)
(5) Support legs spread 5.8m. (min-max)

HIAB 322 E-6 DUO	HIAB 322 E-7 DUO	HIAB 322 E-8 DUO
256 kNm (26.1 tm)	251 kNm (25.5 tm)	245 kNm (24.9 tm)
235 kNm (24 tm)	230 kNm (23.4 tm)	224 kNm (22.8 tm)
16.2 m	18.6 m	21.0 m
11.8 m	14.1 m	16.4 m
20.1 m	21.8 m	22.6 m
18.8 m / 22.7 m	21.2 m / 24.4 m	23.6 m / 25.2 m
10000 kg	10000 kg	10000 kg
2.8 m - 8900 kg	2.8 m - 8700 kg	2.8 m - 8500 kg
4.5 m - 5800 kg	4.6 m - 5500 kg	4.7 m - 5300 kg
6.1 m - 4050 kg	6.2 m - 3850 kg	6.3 m - 3650 kg
7.9 m - 2920 kg	8.0 m - 2740 kg	8.1 m - 2600 kg
9.8 m - 2240 kg	9.9 m - 2060 kg	10.0 m - 1920 kg
11.8 m - 1760 kg	11.9 m - 1600 kg	12.0 m - 1460 kg
13.9 m - 1460 kg	14.0 m - 1280 kg	14.1 m - 1160 kg
16.1 m - 1240 kg	16.2 m - 1060 kg	16.3 m - 940 kg
	18.5 m - 920 kg	18.6 m - 790 kg
		20.9 m - 700 kg
18.4 m - 1000 kg	20.1 m - 790 kg	22.5 m - 560 kg
20.0 m - 860 kg	21.7 m - 690 kg	
2.8 m - 8400 kg	2.8 m - 8200 kg	2.8 m - 8100 kg
4.5 m - 5300 kg	4.6 m - 5100 kg	4.7 m - 4900 kg
6.1 m - 3700 kg	6.2 m - 3500 kg	6.3 m - 3300 kg
7.9 m - 2660 kg	8.0 m - 2480 kg	8.1 m - 2340 kg
9.8 m - 2000 kg	9.9 m - 1840 kg	10.0 m - 1700 kg
11.8 m - 1580 kg	11.9 m - 1420 kg	12.0 m - 1280 kg
13.9 m - 1300 kg	14.0 m - 1120 kg	14.1 m - 1000 kg
16.1 m - 1100 kg	16.2 m - 930 kg	16.3 m - 810 kg
	18.5 m - 800 kg	18.6 m - 670 kg
		20.9 m - 590 kg
60 - 75 l./min.	60 - 75 l./min.	60 - 75 l./min.
31.0 MPa	31.0 MPa	31.0 MPa
31 - 39 kW	31 - 39 kW	31 - 39 kW
420 °	420 °	420 °
5.6 °	5.6 °	5.6 °
2380 mm	2380 mm	2380 mm
2500 mm	2500 mm	2500 mm
1230 mm / 1318 mm	1260 mm / 1278 mm	1260 mm / 1278 mm
3740 kg	3910 kg	4030 kg
103 kg	75 kg	52 kg
75 kg	52 kg	
48 - 63 kg	48 - 63 kg	48 - 63 kg
555-585 kg	555-585 kg	555-585 kg
505-525 kg	505-525 kg	505-525 kg
185 kg	185 kg	185 kg

We reserve the right to introduce changes in design
 Designed and strength calculated in accordance with EN 13001 and EN 12999

- (1) Hook on extension -2 (Standard hook 10t)
- (2) V91M / For high oil flow, a variable pump is recommended
- (3) Without / With external functions (tools)
- (4) Support legs spread 7m. (min-max)
- (5) Support legs spread 5.8m. (min-max)



HIAB 322 EP CLX

TECHNICAL DATA	HIAB 322 EP-2 CLX	HIAB 322 EP-3 CLX
Lifting capacity, max.	281 kNm (28.7 tm)	275 kNm (28.0 tm)
Hydraulic outreach, standard	8.0 m	10.3 m
Hydraulic boom extension	3.8 m	6.0 m
Outreach, manual extension		
Lifting height above installation level, hydr/man	10.6 m / 15.3 m	12.9 m / 17.7 m
Standard Hook Capacity	10000 kg	10000 kg
Outreach-lifting capacity, standard (1)	2.7 m - 10000 kg 4.2 m - 6800 kg 5.9 m - 4850 kg 7.9 m - 3650 kg	2.7 m - 10000 kg 4.3 m - 6500 kg 6.0 m - 4600 kg 8.0 m - 3400 kg 10.2 m - 2640 kg
Outreach-lifting capacity, manual extensions		
Rec. oil flow (2)	60 - 75 l./min.	60 - 75 l./min.
Working pressure	31.0 MPa	31.0 MPa
Power needed at rec. oil flow	31 - 39 kW	31 - 39 kW
Slewing angle	420 °	420 °
Max. Slope viable at full capacity	5.7 °	5.7 °
Height in folded position	2380 mm	2380 mm
Width in folded position	2500 mm	2500 mm
Installation space needed (3)	1120 mm	1200 mm
Weights:		
Crane in standard version without support legs	2930 kg	3140 kg
Weight of 1 manual		
Weight of 2 manual		
Frame attachments	48 - 63 kg	48 - 63 kg
Support leg equipment 7m span (4)	555-585 kg	555-585 kg
Support leg equipment 5.8m span (5)	505-525 kg	505-525 kg
Tank incl. Oil	185 kg	185 kg

We reserve the right to introduce changes in design
Designed and strength calculated in accordance with EN 13001 and EN 12999

- (1) Hook on extension -2 (Standard hook 10t)
(2) V91M / For high oil flow, a variable pump is recommended
(3) Without / With external functions (tools)
(4) Support legs spread 7m. (min-max)
(5) Support legs spread 5.8m. (min-max)

HIAB 322 EP-4 CLX	HIAB 322 EP-5 CLX
269 kNm (27.4 tm)	264 kNm (26.9 tm)
12.7 m	15.1 m
8.3 m	10.6 m
17.5 m	17.5 m
15.3 m / 20.1 m	17.7 m / 20.1 m
10000 kg	10000 kg
2.6 m - 10000 kg	2.6 m - 10000 kg
4.4 m - 6200 kg	4.5 m - 6000 kg
6.1 m - 4350 kg	6.2 m - 4150 kg
8.1 m - 3150 kg	8.2 m - 3000 kg
10.3 m - 2440 kg	10.4 m - 2260 kg
12.6 m - 1960 kg	12.7 m - 1800 kg
	15.0 m - 1520 kg
15.0 m - 1560 kg	17.4 m - 1240 kg
17.4 m - 1280 kg	
60 - 75 l./min.	60 - 75 l./min.
31.0 MPa	31.0 MPa
31 - 39 kW	31 - 39 kW
420 °	420 °
5.6 °	5.6 °
2380 mm	2380 mm
2500 mm	2500 mm
1240 mm / 1278 mm	1240 mm / 1278 mm
3350 kg	3500 kg
124 kg	92 kg
92 kg	
48 - 63 kg	48 - 63 kg
555-585 kg	555-585 kg
505-525 kg	505-525 kg
185 kg	185 kg

We reserve the right to introduce changes in design
 Designed and strength calculated in accordance with EN 13001 and EN 12999

- (1) Hook on extension -2 (Standard hook 10t)
- (2) V91M / For high oil flow, a variable pump is recommended
- (3) Without / With external functions (tools)
- (4) Support legs spread 7m. (min-max)
- (5) Support legs spread 5.8m. (min-max)

HIAB 322 E-4 + JIB

TECHNICAL DATA	HIAB 322E-4 HIPRO JIB 100x-2.3	HIAB 322E-4 HIPRO JIB 100x-3.3
Hydraulic outreach	17.6 m	19.1 m
Manual outreach		
Jib Lifting Height at standard 45 deg	10.7 m	10.7 m
Jib Lifting Height at standard 70 deg	13.7 m	13.7 m
Lifting height above installation level, hydr / man	20.2 m /	21.7 m /
Outreach - lifting capacity, hydraulic extension, horizontal	14.9 m - 1160 kg 16.1 m - 1060 kg 17.5 m - 960 kg	14.9 m - 1080 kg 16.1 m - 970 kg 17.5 m - 870 kg 19.1 m - 790 kg
Outreach - lifting capacity, manual extension, horizontal		
Outreach - lifting capacity, hydraulic extension, 45 deg	11.5 m - 1720 kg 12.8 m - 1540 kg 14.2 m - 1380 kg	11.5 m - 1640 kg 12.8 m - 1460 kg 14.2 m - 1280 kg 15.7 m - 1160 kg
Outreach - lifting capacity, manual extension, 45 deg		
Outreach - lifting capacity, hydraulic extension, 70 deg	7.1 m - 3300 kg 8.3 m - 2220 kg 9.7 m - 1620 kg	7.1 m - 3250 kg 8.3 m - 2160 kg 9.7 m - 1540 kg 11.2 m - 1180 kg
Outreach - lifting capacity, manual extension, 70 deg	880 Kg	960 Kg
Weight Jib (1)		
Weight of 1 manual on jib		

HIAB 322 E-4 HIPRO JIB 100X-4	HIAB 322 E-4 HIPRO JIB 100X-5
20.1 m	21.6 m
10.7 m	10.7 m
13.7 m	13.7 m
22.7 m /	24.2 m
14.8 m - 1020 kg	14.8 m - 940 kg
15.9 m - 910 kg	15.9 m - 840 kg
17.1 m - 830 kg	17.1 m - 760 kg
18.5 m - 750 kg	18.5 m - 680 kg
20.0 m - 690 kg	20.0 m - 620 kg
	21.5 m - 570 kg
11.5 m - 1580 kg	11.5 m - 1520 kg
12.5 m - 1420 kg	12.5 m - 1360 kg
13.8 m - 1260 kg	13.8 m - 1200 kg
15.1 m - 1140 kg	15.1 m - 1060 kg
16.6 m - 1000 kg	16.6 m - 940 kg
	18.1 m - 780 kg
7.0 m - 3250 kg	7.0 m - 3150 kg
8.1 m - 2240 kg	8.1 m - 2180 kg
9.3 m - 1620 kg	9.3 m - 1560 kg
10.7 m - 1220 kg	10.7 m - 1160 kg
12.2 m - 970 kg	12.2 m - 910 kg
	13.7 m - 750 kg
1000 kg	1070 kg

HIAB 322 E-5 + JIB

TECHNICAL DATA	HIAB 322E-5 HIPRO JIB 100x-2.3	HIAB 322E-5 HIPRO JIB 100x-3.3
Hydraulic outreach	19.7 m	21.2 m
Manual outreach		
Jib Lifting Height at standard 45 deg	12.2 m	12.2 m
Jib Lifting Height at standard 70 deg	15.7 m	15.7 m
Lifting height above installation level, hydr / man	22.3 m /	23.8 m /
Outreach - lifting capacity, hydraulic extension, horizontal	17.0 m - 810 kg	17.0 m - 730 kg
	18.2 m - 740 kg	18.2 m - 660 kg
	19.6 m - 680 kg	19.6 m - 600 kg
		21.2 m - 540 kg
Outreach - lifting capacity, manual extension, horizontal		
Outreach - lifting capacity, hydraulic extension, 45 deg	13.0 m - 1340 kg	13.0 m - 1260 kg
	14.2 m - 1220 kg	14.2 m - 1140 kg
	15.7 m - 1080 kg	15.7 m - 1000 kg
		17.2 m - 910 kg
Outreach - lifting capacity, manual extension, 45 deg		
Outreach - lifting capacity, hydraulic extension, 70 deg	7.8 m - 2900 kg	7.8 m - 2820 kg
	9.0 m - 2240 kg	9.0 m - 2180 kg
	10.4 m - 1620 kg	10.4 m - 1540 kg
		11.9 m - 1180 kg
Outreach - lifting capacity, manual extension, 70 deg		
Weight Jib (1)	885 Kg	970 Kg
Weight of 1 manual on jib		

HIAB 322 E-5 HIPRO JIB 100X-4	HIAB 322 E-5 HIPRO JIB 100X-5	HIAB 322 E-5 HIPRO JIB 70X-2
22.2 m	23.7 m	20.2 m
		22.1 m
12.2 m	12.2 m	12.3 m
15.7 m	15.7 m	15.9 m
24.4 m	25.9 m	22.8 m / 24.7 m
16.9 m - 660 kg	16.9 m - 590 kg	17.0 m - 960 kg
18.0 m - 590 kg	18.0 m - 530 kg	18.5 m - 870 kg
19.2 m - 540 kg	19.2 m - 470 kg	20.1 m - 790 kg
20.6 m - 490 kg	20.6 m - 420 kg	
21.1 m - 450 kg	22.1 m - 380 kg	
	23.6 m - 350 kg	
		22.0 m - 720 kg
13.0 m - 1200 kg	13.0 m - 1120 kg	13.1 m - 1480 kg
14.0 m - 1080 kg	14.0 m - 1020 kg	14.6 m - 1320 kg
15.3 m - 960 kg	15.3 m - 900 kg	16.2 m - 1120 kg
16.6 m - 870 kg	16.6 m - 810 kg	
18.1 m - 790 kg	18.1 m - 730 kg	
	19.6 m - 670 kg	
		18.1 m - 840 kg
7.7 m - 2800 kg	7.7 m - 2740 kg	7.9 m - 2520 kg
8.8 m - 2220 kg	8.8 m - 2160 kg	9.4 m - 1560 kg
10.0 m - 1620 kg	10.0 m - 1560 kg	11.0 m - 1100 kg
11.4 m - 1220 kg	11.4 m - 1160 kg	
12.9 m - 970 kg	12.9 m - 910 kg	
	14.4 m - 750 kg	
		12.9 m - 820 kg
1000 kg	1070 kg	585 kg

HIAB 322 E-5 + JIB

TECHNICAL DATA	HIAB 322 E-5 HIPRO JIB 70X-3	HIAB 322 E-5 HIPRO JIB 70X-4
Hydraulic outreach	22.0 m	24.0 m
Manual outreach	24.0 m	25.9 m
Jib Lifting Height at standard 45 deg	12.2 m	12.3 m
Jib Lifting Height at standard 70 deg	15.8 m	15.8 m
Lifting height above installation level, hydr / man	24.6 m / 26.6 m	26.6 m / 28.5 m
Outreach - lifting capacity, hydraulic extension, horizontal	16.9 m - 910 kg	17.0 m - 830 kg
	18.4 m - 820 kg	18.5 m - 740 kg
	20.1 m - 740 kg	20.2 m - 650 kg
	21.9 m - 670 kg	22.0 m - 590 kg
	23.9 m - 540 kg	
Outreach - lifting capacity, manual extension, horizontal	23.9 m - 590 kg	25.9 m - 410 kg
Outreach - lifting capacity, hydraulic extension, 45 deg	13.0 m - 1440 kg	13.1 m - 1360 kg
	14.5 m - 1260 kg	14.6 m - 1180 kg
	16.2 m - 1080 kg	16.3 m - 990 kg
	18.0 m - 800 kg	18.1 m - 720 kg
	20.0 m - 560 kg	
Outreach - lifting capacity, manual extension, 45 deg	20.0 m - 610 kg	21.9 m - 420 kg
Outreach - lifting capacity, hydraulic extension, 70 deg	7.8 m - 2580 kg	7.9 m - 2440 kg
	9.3 m - 1560 kg	9.4 m - 1460 kg
	10.9 m - 1080 kg	11.0 m - 990 kg
	12.8 m - 790 kg	12.9 m - 710 kg
	14.8 m - 550 kg	
Outreach - lifting capacity, manual extension, 70 deg	14.8 m - 600 kg	16.7 m - 420 kg
Weight Jib (1)	665 kg	745 kg
Weight of 1 manual on jib	31 kg	27 kg



HIAB 322 E-6 + JIB

HIAB 322 E-6 HIPRO JIB 70X-2	HIAB 322 E-6 HIPRO JIB 70X-3	HIAB 322 E-6 HIPRO JIB 70X-4
22.4 m	24.2 m	26.2 m
24.3 m	26.2 m	28.1 m
13.9 m	13.8 m	13.8 m
18.0 m	17.9 m	17.9 m
25.0 m / 26.9 m	26.8 m / 28.8 m	28.8 m / 30.7 m
19.2 m - 650 kg	19.1 m - 590 kg	19.2 m - 510 kg
20.7 m - 580 kg	20.6 m - 530 kg	20.7 m - 450 kg
22.3 m - 530 kg	22.3 m - 480 kg	22.4 m - 400 kg
	24.1 m - 440 kg	24.2 m - 360 kg
		26.1 m - 320 kg
24.2 m - 490 kg	26.1 m - 380 kg	28.1 m - 280 kg
14.6 m - 1140 kg	14.6 m - 1080 kg	14.7 m - 1000 kg
16.1 m - 1020 kg	16.1 m - 960 kg	16.2 m - 880 kg
17.8 m - 910 kg	17.7 m - 860 kg	17.8 m - 780 kg
	19.6 m - 770 kg	19.7 m - 690 kg
		21.6 m - 560 kg
19.6 m - 830 kg	21.6 m - 600 kg	23.5 m - 420 kg
8.6 m - 2400 kg	8.6 m - 2360 kg	8.6 m - 2320 kg
10.1 m - 1580 kg	10.1 m - 1540 kg	10.1 m - 1480 kg
11.8 m - 1100 kg	11.7 m - 1060 kg	11.8 m - 980 kg
	13.6 m - 780 kg	13.6 m - 710 kg
		15.5 m - 560 kg
13.6 m - 830 kg	15.5 m - 600 kg	17.5 m - 410 kg
600 kg	680 kg	760 kg
	31 kg	27 kg



Hiab is part of Cargotec Corporation

