

# Datasheet for JibFlex: JF 50-7

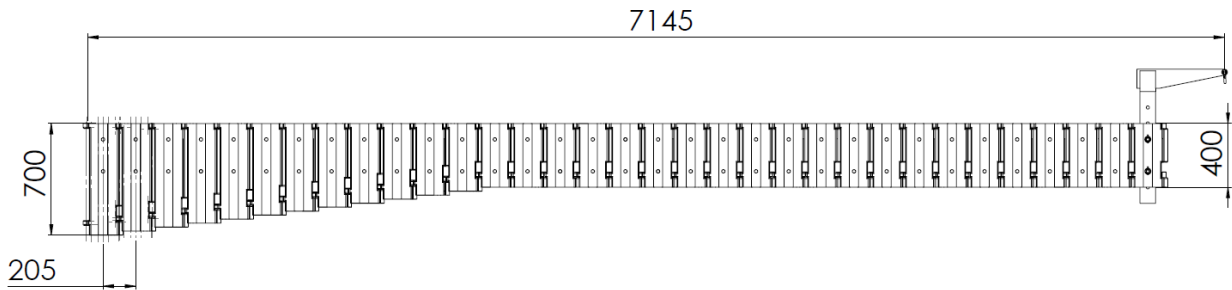


Figure 1: Basic dimensions of JF 50-7.

The lifting eye, called the stork, can be mounted in any module allowing optimisation of every lift. The WLL and radius can be seen in the tables below:

Module No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Lifting Radius [m]	0.585	0.790	0.995	1.200	1.405	1.610	1.815	2.020	2.225	2.430	2.635	2.840	3.045	3.250
WLL [kg]	500	500	500	500	500	500	500	500	500	500	450	410	375	345
Profile Height [m]	0.700	0.675	0.650	0.625	0.600	0.575	0.550	0.525	0.500	0.475	0.450	0.425	0.400	0.400
Profile Mass [kg]	12.3	11.9	11.5	11.1	10.7	10.2	9.8	9.4	9.0	8.6	8.1	7.7	7.3	7.3
Deflection from WLL [m]	< 0.02	< 0.02	< 0.02	< 0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.05

Module No.	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Lifting Radius [m]	3.455	3.660	3.865	4.070	4.275	4.480	4.685	4.890	5.095	5.300	5.505	5.710	5.915	6.120
WLL [kg]	315	290	270	250	230	215	200	185	170	160	145	135	125	115
Profile Height [m]	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
Profile Mass [kg]	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
Deflection from WLL [m]	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08

Module No.	29	30	31	32	33
Lifting Radius [m]	6.325	6.530	6.735	6.940	7.145
WLL [kg]	105	95	90	80	70
Profile Height [m]	0.400	0.400	0.400	0.400	0.400
Profile Mass [kg]	7.3	7.3	7.3	7.3	7.3
Deflection from WLL [m]	0.08	0.08	0.08	0.08	0.08

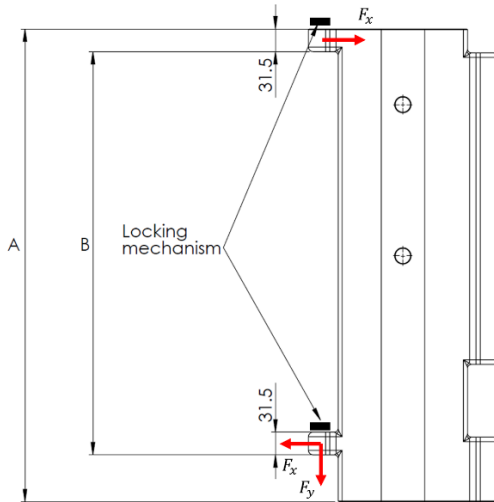


Figure 2: Following structural requirements applies to the supporting structure. The reactions are omnidirectional and without safety factor.

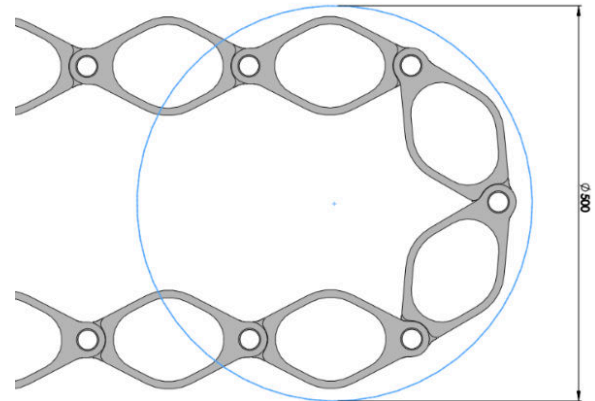


Figure 3: The JibFlex has a bending radius of 250 mm.

Specifications		
<b>Weight of JibFlex</b>		
• JibFlex modules	kg	272
• Stork	kg	12
• Total	kg	284
<b>WLL at last module</b>	kg	50
<b>Max radius</b>	m	7
<b>Maximum deflection cause by WLL</b>	m	0.08
<b>Safety factor including DAF</b>	-	1.95
<b>Maximum hoist speed</b>	m/s	Unlimited
<b>Installation requirements</b>		
• A	m	0.700
• B	m	0.608
• Fx	N	23500
• Fy	N	3500
<b>Bending Radius</b>	m	0.25