

Datasheet for JibFlex: JF 400-4

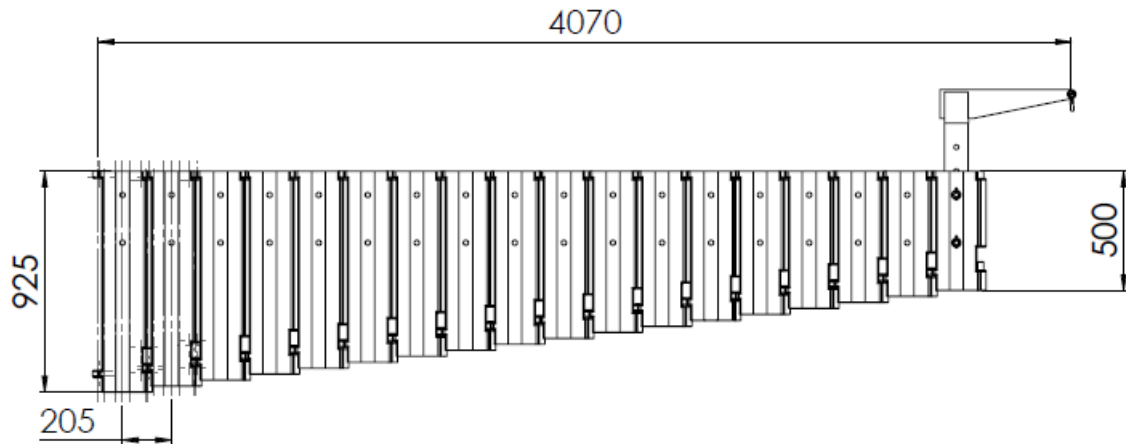


Figure 1: Basic dimensions of JF 400-4.

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	500	500	500	500
Profile Height [m]	0.925	0.900	0.875	0.850	0.825	0.800	0.775	0.750	0.725	0.700	0.675	0.650	0.625	0.600
Profile Mass [kg]	16.1	15.7	15.3	14.9	14.5	14.0	13.6	13.2	12.8	12.3	11.9	11.5	11.1	10.7
Deflection from WLL [m]	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03

Module No.	15	16	17	18
Lifting Radius [m]	3.455	3.660	3.865	4.070
WLL [kg]	500	490	450	420
Profile Height [m]	0.575	0.550	0.525	0.500
Profile Mass [kg]	10.2	9.8	9.4	9.0
Deflection from WLL [m]	0.03	0.04	0.04	0.04

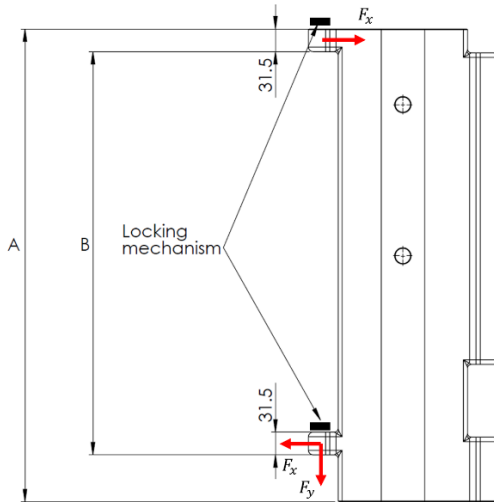


Figure 2: Following structural requirements applies to the supporting structure. The reactions are omnidirectional and without safety factor.

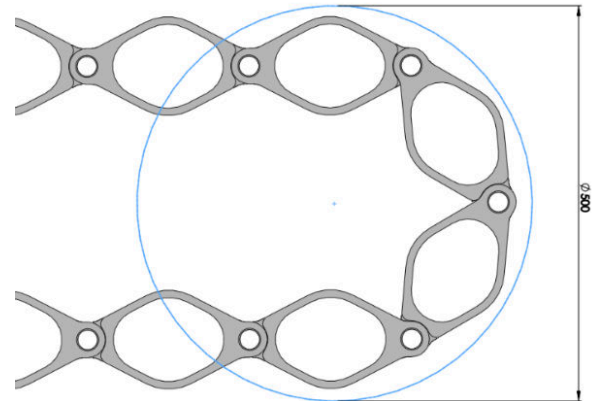


Figure 3: The JibFlex has a bending radius of 250 mm.

Specifications		
Weight of JibFlex		
• JibFlex modules	kg	217
• Stork	kg	12
• Total	kg	229
WLL at last module	kg	420
Max radius	m	4
Maximum deflection cause by WLL	m	0.04
Safety factor including DAF	-	1.63
Maximum hoist speed	m/s	0.05
Installation requirements		
• A	m	0.925
• B	m	0.827
• Fx	N	27500
• Fy	N	6500
Bending Radius	m	0.25