

Datasheet for JibFlex: JF 100-4

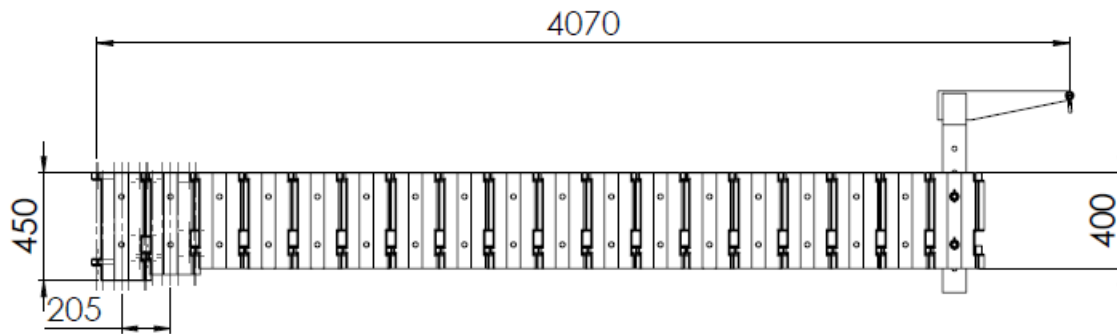


Figure 1: Basic dimensions of JF 100-4.

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	420	360	315	280	245	220	200	180	160
Profile Height [m]	0.450	0.425	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]	8.1	7.7	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]	<0.02	<0.02	<0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05

Module No.	15	16	17	18
Lifting Radius [m]	3.455	3.660	3.865	4.070
WLL [kg]	145	130	120	105
Profile Height [m]	0.400	0.400	0.400	0.400
Profile Mass [kg]	7.3	7.3	7.3	7.3
Deflection from WLL [m]	0.05	0.05	0.05	0.05

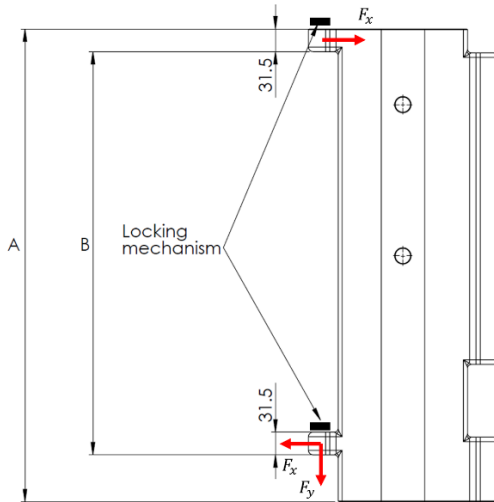


Figure 2: Following structural requirements applies to the supporting structure. The reactions are omnidirectional and without safety factor.

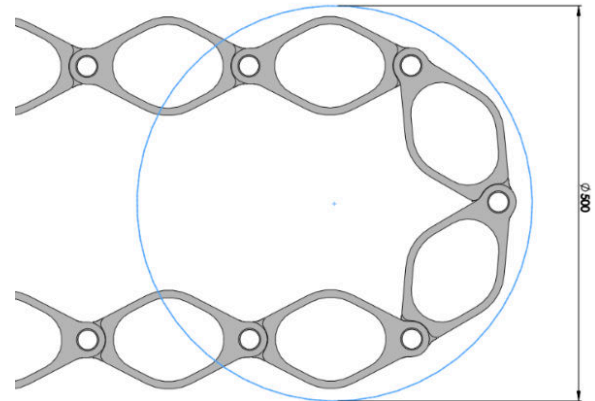


Figure 3: The JibFlex has a bending radius of 250 mm.

Specifications		
Weight of JibFlex		
• JibFlex modules	kg	131
• Stork	kg	12
• Total	kg	143
WLL at last module	kg	105
Max radius	m	4
Maximum deflection cause by WLL	m	0.05
Safety factor including DAF	-	1.95
Maximum hoist speed	m/s	Unlimited
Installation requirements		
• A	m	0.450
• B	m	0.358
• Fx	N	26500
• Fy	N	3000
Bending Radius	m	0.25