

Datasheet for JibFlex: JF 100-5

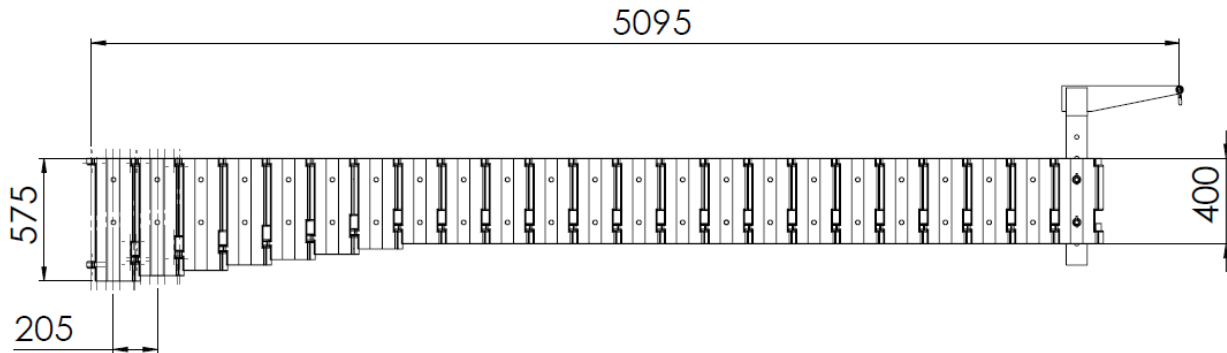


Figure 1: Basic dimensions of JF 100-5.

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	475	420	375	340	310	280	255
Profile Height [m]	0.575	0.550	0.525	0.500	0.475	0.450	0.425	0.400	0.400	0.400	0.400	0.400	0.400	0.400
Profile Mass [kg]	10.2	9.8	9.4	9.0	8.6	8.1	7.7	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	0.02	0.03	0.03	0.04	0.05	0.05	0.05	0.06	0.06	0.06

Module No.	15	16	17	18	19	20	21	22	23
Lifting Radius [m]	3.455	3.660	3.865	4.070	4.275	4.480	4.685	4.890	5.095
WLL [kg]	235	215	195	180	165	155	140	130	115
Profile Height [m]	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
Deflection from WLL [m]	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07

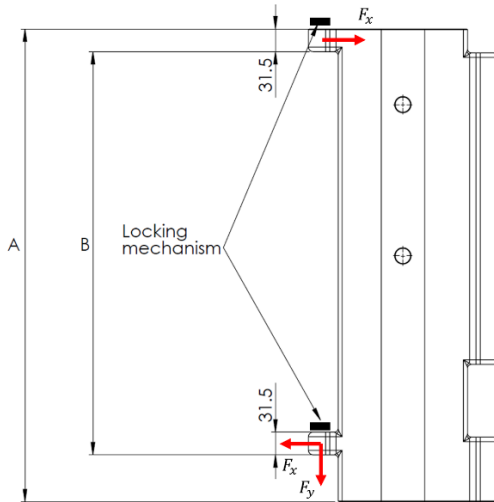


Figure 2: Following structural requirements applies to the supporting structure. The reactions are omnidirectional and without safety factor.

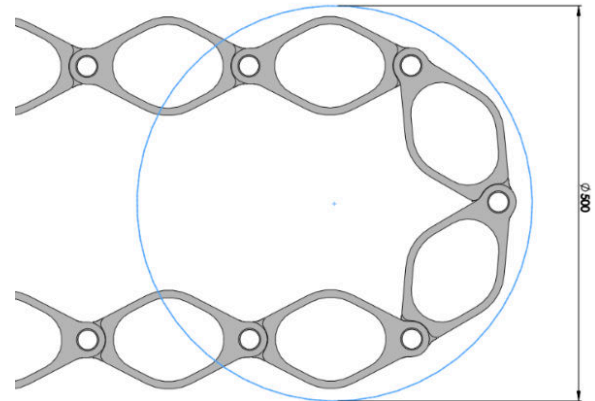


Figure 3: The JibFlex has a bending radius of 250 mm.

Specifications		
Weight of JibFlex		
• JibFlex modules	kg	178
• Stork	kg	12
• Total	kg	190
WLL at last module	kg	115
Max radius	m	5
Maximum deflection cause by WLL	m	0.07
Safety factor including DAF	-	1.95
Maximum hoist speed	m/s	Unlimited
Installation requirements		
• A	m	0.575
• B	m	0.483
• Fx	N	24500
• Fy	N	3500
Bending Radius	m	0.25