

Datasheet for JibFlex: JF 50-3

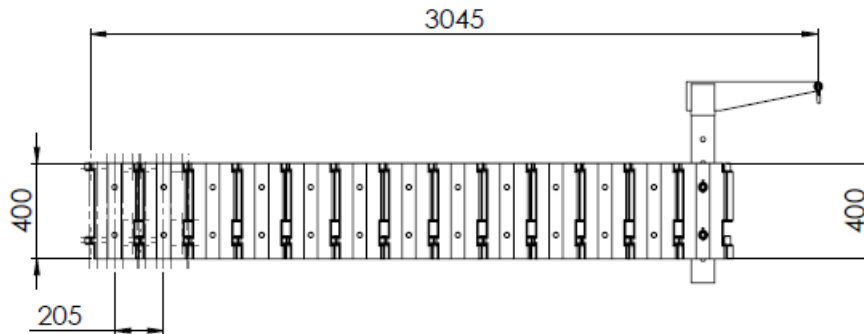


Figure 1: Basic dimensions of JF 50-3.

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 table below:

Module No.	1	2	3	4	5	6	7	8	9	10	11	12	13
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
WLL [kg]	500	500	500	500	455	380	330	285	250	220	200	175	160
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
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
Deflection from WLL [m]	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02

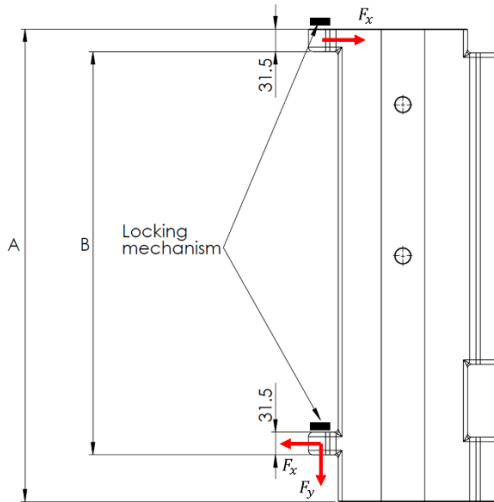


Figure 2: Following structural requirements applies to the supporting structure. The reactions are omnidirectional and without safety factor.

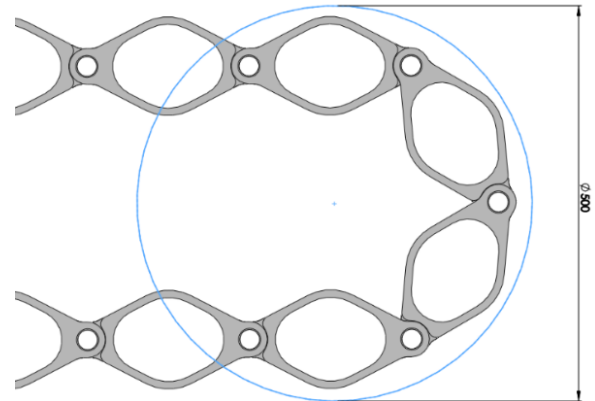


Figure 3: The JibFlex has a bending radius of 250 mm.

Specifications		
Weight of JibFlex		
• JibFlex modules	kg	94
• Stork	kg	12
• Total	kg	106
WLL at last module	kg	160
Max radius	m	3
Maximum deflection cause by WLL	m	<0.02
Safety factor including DAF	-	1.95
Maximum hoist speed	m/s	Unlimited
Installation requirements		
• A	m	0.400
• B	m	0.308
• Fx	N	12000
• Fy	N	2000
Bending Radius	m	0.25