

Datasheet for JibFlex: JF 50-7

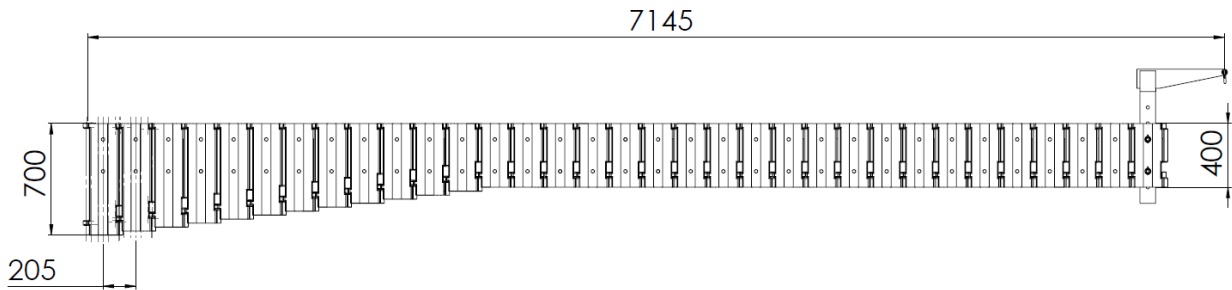


Figure 1: Basic dimensions of JF 50-7.

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 |

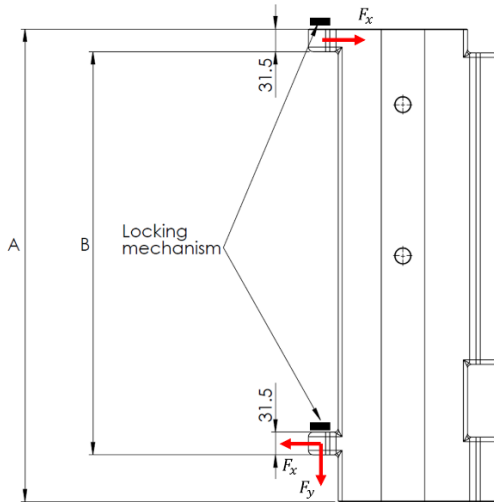


Figure 2: Following structural requirements applies to the supporting structure. The reactions are omnidirectional and without safety factor.

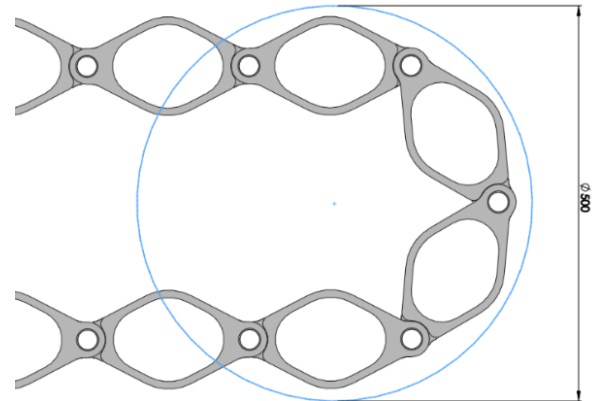


Figure 3: The JibFlex has a bending radius of 250 mm.

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