

Datasheet for JibFlex: JF 400-3

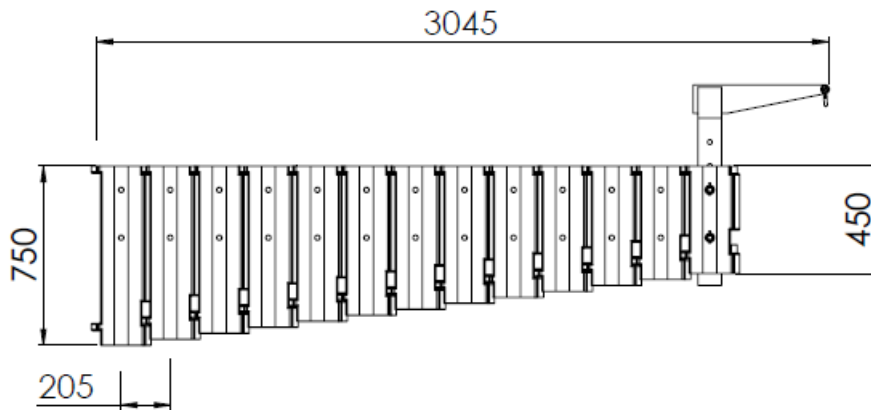


Figure 1: Basic dimensions of JF 400-3.

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 | 500 | 500 | 500 | 500 | 500 | 500 | 490 | 445 | 405 |
| Profile Height [m] | 0.750 | 0.725 | 0.700 | 0.675 | 0.650 | 0.625 | 0.600 | 0.575 | 0.550 | 0.525 | 0.500 | 0.475 | 0.450 |
| Profile Mass [kg] | 13.2 | 12.8 | 12.3 | 11.9 | 11.5 | 11.1 | 10.7 | 10.2 | 9.8 | 9.4 | 9.0 | 8.6 | 8.1 |
| 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 |

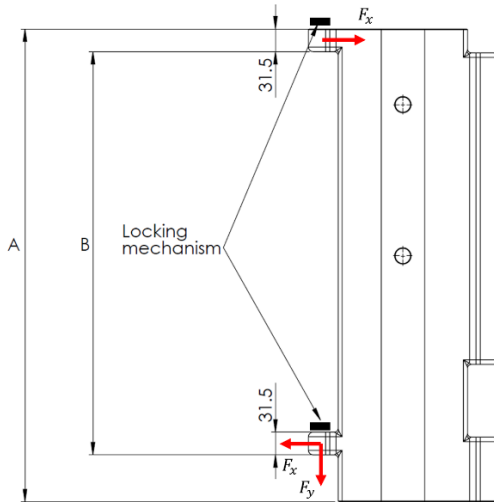


Figure 2: Following structural requirements applies to the supporting structure. The reactions are omnidirectional and without safety factor.

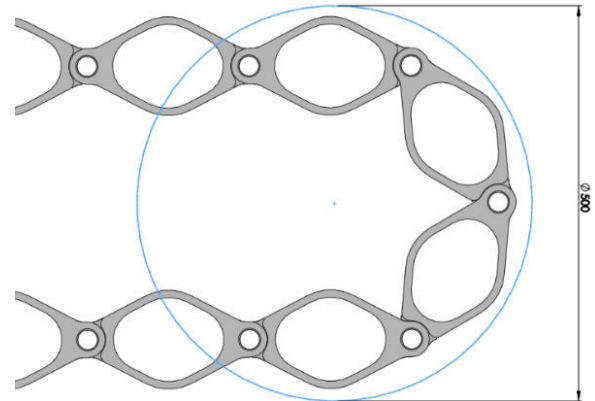


Figure 3: The JibFlex has a bending radius of 250 mm.

| Specifications | | |
|--|-----|-----------|
| Weight of JibFlex | | |
| • JibFlex modules | kg | 137 |
| • Stork | kg | 12 |
| • Total | kg | 149 |
| WLL at last module | kg | 405 |
| Max radius | m | 3 |
| Maximum deflection cause by WLL | m | 0.03 |
| Safety factor including DAF | - | 1.95 |
| Maximum hoist speed | m/s | Unlimited |
| Installation requirements | | |
| • A | m | 0.75 |
| • B | m | 0.658 |
| • Fx | N | 28000 |
| • Fy | N | 7000 |
| Bending Radius | m | 0.25 |