

Fixturlaser Offset NXA Fixture



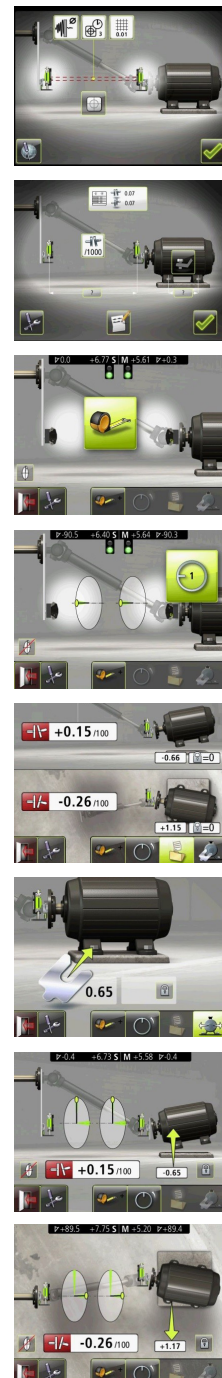
The Fixturlaser Offset NXA Fixture

- Built in laser pointer
- Fast & easy mounting
- Fast & easy coarse alignment
- Stable fixture
- To be used together with Fixturlaser NXA shaft alignment system

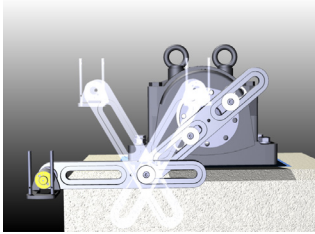
FIXTURLASER OFFSET NXA FIXTURE ALIGNMENT OF OFFSET DRIVEN MACHINES

Machines with offset drives are often thought of as insensitive to angular errors between driving and driven shaft. Vibration analyses and experiences from paper industry professionals have proved that this is not the case. Conventional alignment methods cannot provide the needed level of accuracy. Using the Fixturlaser NXA together with the Fixturlaser Offset NXA expansion kit, you can precision align any offset mounted machine as fast as you align any other shafts. The Fixturlaser Offset NXA Expansion kit consists of both software and fixtures.

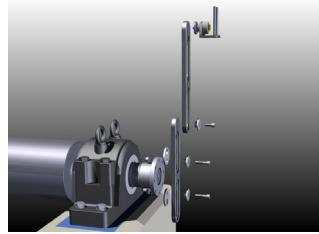
The Fixturlaser Offset NXA fixture is equipped with a laser pointer, which means that the alignment system is not needed in order to mount the fixtures. The fixtures only have to be adjusted until both the lasers are hitting the centre of the opposing target. Thanks to this feature, the mounting can be performed fast (read more about the Fixturlaser Offset NXA Expansion kit and its software in the Fixturlaser NXA brochure).



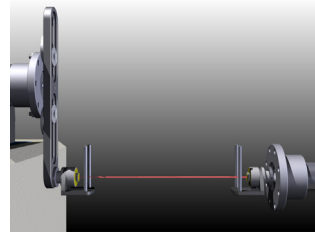
Express Mounting and Measurement



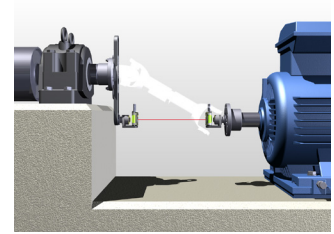
The Offset fixture comes with a number of methods of attachment. The system is designed so you can, in most cases, utilize the coupling bolts themselves when mounting the arm on the flange.



The Offset laser fixture is adjustable in a plane parallel to the flange face of the stationary machine and can be set at any position to eliminate the offset from the driven unit.



The built-in lasers in each turret are pre-adjusted so the laser beam represents the axis of rotation for the unit it is mounted on.



The Clock method is used to get the result. In the Clock method, machinery positions are calculated by taking three points with 180 degrees of rotation.

The Expansion Kit and Optional Equipment



| Optional Kit I-0749 for Non-Rotating Shafts | No | Art.No. |
|---|----|---------|
| Hardened washers | 2 | 3-0376 |
| Fixture arm | 1 | 3-1522 |
| Guide washers | 2 | 3-1523 |

| Expansion Kit I-0790 | No | Art. No. |
|---|----|----------|
| Case | 1 | I-0748 |
| Turrets | 2 | 2-0730 |
| Hardened washers | 2 | 3-0376 |
| Tools | 2 | 3-0843 |
| Fixture arms | 2 | 3-1522 |
| Guide washers | 3 | 3-1523 |
| Thread nut size M12, M16, M20, M24, M30 (3-1560, 3-1561, 3-1562, 3-1563, 3-1571) | | |
| Plastic box incl. tool | 1 | 2-0544 |

Technical specification

| | |
|---|--------------------|
| Weight, standard system incl. case | 9,8 kg |
| Weight, standard system incl. optional equipment and case | 11,9 kg |
| Dimensions of case (L x H x W) | 780 x 325 x 135 mm |
| Max distance between bolt holes | 360 mm |
| Max offset | 650 mm |
| Material | Anodized aluminum |
| Laser pointer | Class 2 laser |
| Operating temperature, (Laser pointer) | 0°C - +50°C |
| Storage temperature (Laser pointer) | -20°C - +70°C |



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