

# optibelt LASER POINTER



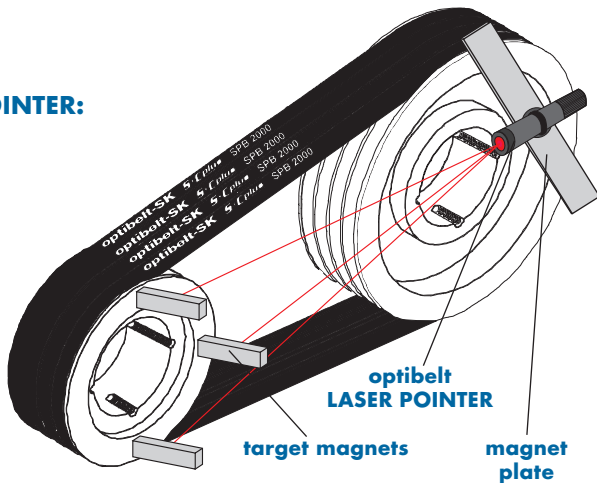
# optibelt LASER POINTER

The **optibelt LASER POINTER** makes it easier to adjust belt drives.

The belt pulleys are adjusted to each other via their front or side faces, respectively.

## **BENEFITS OF THE optibelt LASER POINTER:**

1. Fast and easy use for belt drives
2. Laser output power 5 mW
3. Exactly aligned line projection
4. Measuring of parallel and angular misalignment
5. Higher operational reliability of the drives
6. Time-saving and precise measuring method



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## BELT ALIGNMENT

Put the 3 target magnets on the side of the pulley in the position  $\approx 0^\circ$ ,  $90^\circ$  and  $270^\circ$ .

Fix the **optibelt LASER POINTER** at the side of the other pulley, use magnet plate, if necessary (caution, laserline-difference).

Switch on the **optibelt LASER POINTER** and align it to the target magnets.

## SPECIFICATIONS

laser:	class I M EN 60825-1
output power:	< 5 mW
wavelength:	635 nm
measure accuracy:	< 0.5 mrad parallelism to magnet face
case:	brass, nickered
power sources:	1.5 V AA-battery

At non-magnetic pulley use strong double-sided sticky tape.

The alignment of the belt drive (horizontal and vertical) is correct if the laser beam at all 3 target magnets is on the same marking.

If necessary, align the belt drive and check it again.

## CE-VERIFIED

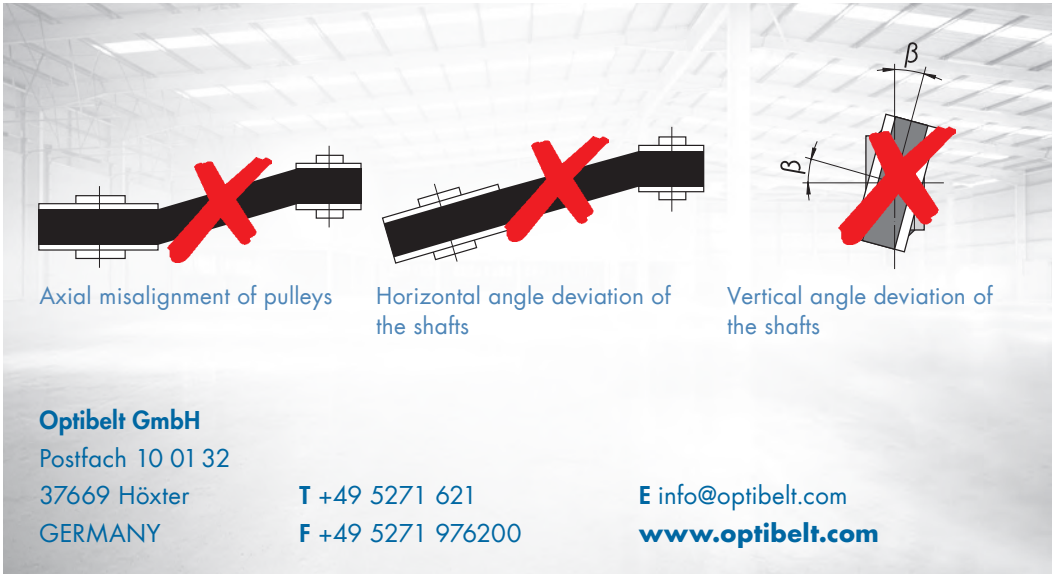


## ATTENTION:

Don't look into the laser beam!  
Please take notice of magnetic fields!

Take note for safety regulation BGV-B2! Don't use it in explosive areas!  
Please keep dry!

## SOURCES OF ERROR:



**Optibelt GmbH**

Postfach 10 01 32

37669 Hörter

GERMANY

T +49 5271 621

F +49 5271 976200

E [info@optibelt.com](mailto:info@optibelt.com)

[www.optibelt.com](http://www.optibelt.com)