



Centerline, Inc.

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PULLALIGN

PULLALIGN®

Accurate pulley alignment with laser

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Easy pulley alignment with laser

An aligned pulley system reduces pulley and belt wear, vibration of machinery, which in turn leads to improved machine performance. Good pulley alignment reduces unscheduled downtime, and improves the reliability of your equipment. PULLALIGN® is tailor-made for the job as it is easy to use, and requires only a single op-

PULLALIGN® at work

A laser line is projected onto the reflector mounted on the opposite pulley. Horizontal angle, vertical angle and offset corrections are visually determined by the position of the laser line on both the reflector and transmitter. These alignment parameters are monitored simultaneously. Good alignment is achieved when the transmitted laser line and the corresponding reflected laser line harmonize with the respective reference line.



erator. The units mount onto virtually any pulley face, making it the ideal partner for most pulley alignment jobs. PULLALIGN® utilizes the proven and patented OPTALIGN® reflected beam principle for maximum angular resolution. This allows for accurate and reliable readings.

PULLALIGN[®] benefits

Efficient one-man operation

Reduces down time and energy costs

Shows offset, vertical and horizontal angle simultaneously

Reflected beam technology doubles the distance, enhancing accuracy

Only one laser for complete alignment

Reduces vibration and belt noise

Prolongs belt, pulley and bearing life

Time saving method as no cross-checking required

Easier to use than conventional methods

Supplied in a case or pouch

No training required



PRÜFTECHNIK Alignment Systems is the market leader in precision alignment. A large percentage of our hi-tech instruments - developed and produced in Germany are used in top industrial organizations worldwide.

PULLALIGN[®] technical data

0.2°

| Laser-transmitter | |
|-------------------|--|
| Accuracy | |
| Laser wavelength | |
| Output power | |

Classification

Measuring dis

Laser line leng

Battery type

Operating tim

Operating terr

Storage temp

Mounting met

Dimensions

Housing

Weight

Controls

| gin | 0/51111 |
|-------|-------------------------------|
| | < 1mW |
| | Class 2 |
| tance | 10 m between units |
| th | 7 m at 5 m distance |
| | Laser ON/OFF rocker switch |
| | 4 AAA alkaline batteries |
| e | 25 hours |
| р | -5°C to 40°C |
| | -10°C to 80°C |
| hod | Strong magnets |
| | 0.26 kg |
| | (with batteries 0.3 kg) |
| | 37 x 40 x 167 mm |
| | Aluminium, powder |

Laser-reflector

Reflector size

Accuracy

Weight

Housing

Dimensions

0.2° 21 x 32 mm Mounting method Strong magnets 0.27 kg 37 x 40 x 167 mm coated finish

Carrving case

| Material | Black, high density polyethylene |
|-------------------|-------------------------------------|
| Dimensions | 355 x 300 x 85 mr |
| Insert | Die-cut foam |
| Weight of package | 1.35 kg |

Aluminium, powder

x 85 mm

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