

## ROTALIGN® PRO

The complete laser alignment system for

- shaft alignment
- bore & bearing pocket alignment
- straightness/flatness measurement using the same system components!

### ROTALIGN® PRO delivers for all applications

- Robust IP 67 components with-stand industrial environment
- Easy to install, easy to use
- Single laser/receiver technology
- 5-axis detector with electronic inclinometer
- Measure with a high degree of accuracy and repeatability
- Resume functions and re-usable measurement files
- Direct connection to standard of- fice printer
- Powerful Windows software in- cluding professional documenta- tion and 2-way file transfer
- Intrinsic safety versions optional



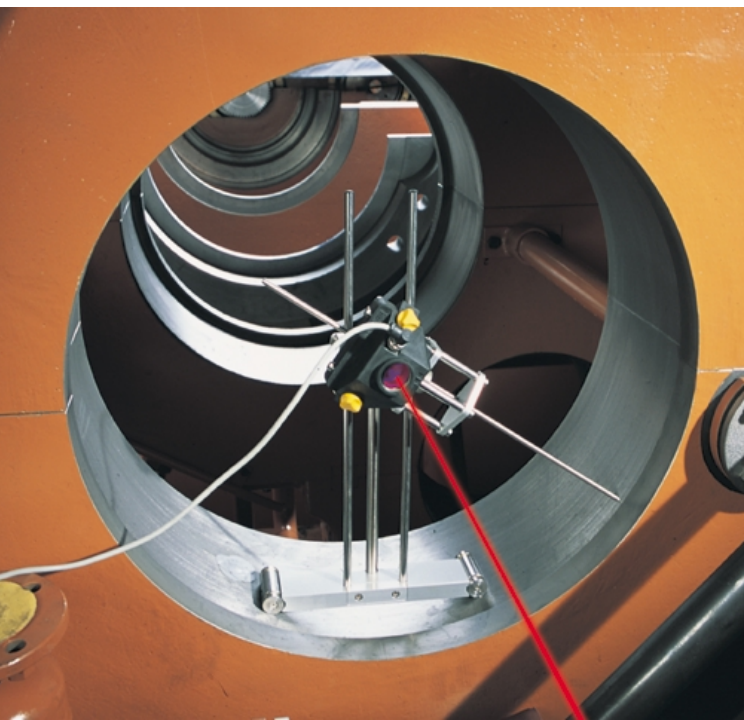
A range of brackets for all types of machines and couplings ensure fast alignment results.



### Application 1:

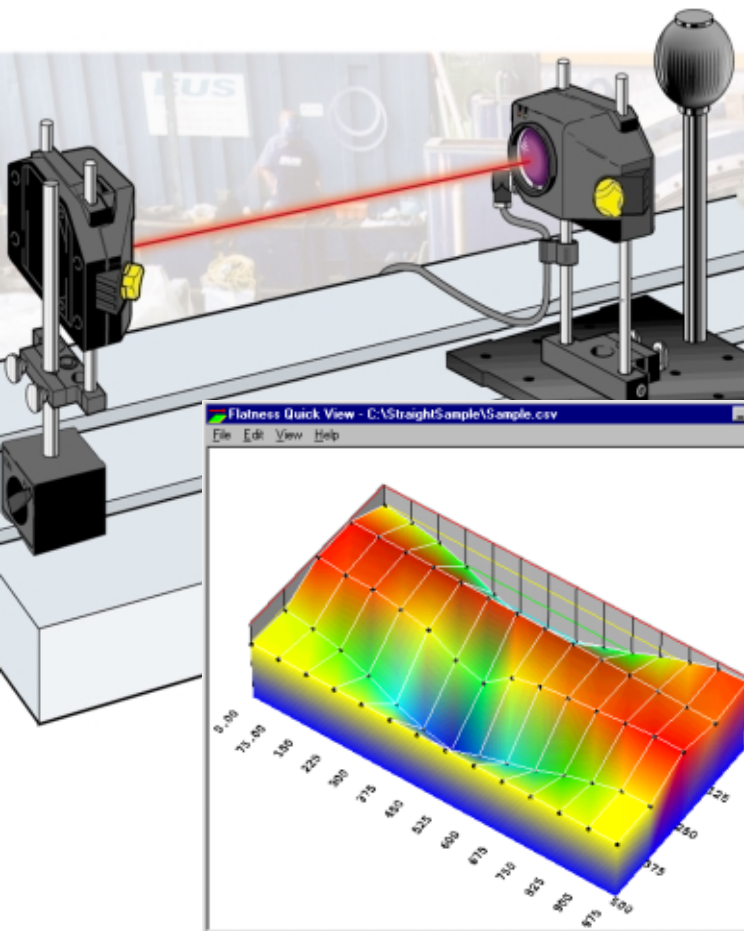
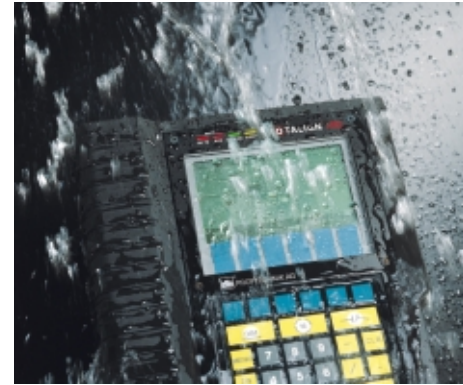
## Laser shaft alignment

- Eliminate possible user error with patented automatic continuous sweep measurement
- 3 or more measurement points over 60 degrees for even higher accuracy
- No limitation of measurement range due to in- finirange technology
- Pre-defined user template files to quicken/simplify the entry procedure
- Clear on-screen machine representation and auto- scaled graphical results
- Simultaneous horizontal and vertical live move
- On-screen Dynamic Tolerances for both coupling & foot values active during live move
- Alignment of 6 connected machines possible
- Cardan shaft alignment with high quality bracket option



## Application 2: Alignment of bore and bearing

- True measurement of bores at any 3 or more points by rotating receiver
- Out-of-roundness and incorrect measurement point automatically identified
- Alignment of bores to shaft axis
- Patented bracket measurement system
- No possible user error in measurements and results
- Optimization of results for 1, 2 or all the measurement points
- Live simultaneous horizontal and vertical move
- 3D graphical representation of the results



## Application 3: Straightness and flatness

- Adjustment of the laser is very simple & quick
- X & Y coordinates measurement
- High number of measurement positions possible
- Reference points are user defined
- 3D graphical representation of the results
- Live simultaneous horizontal and vertical move
- Measurement bracket can be adapted to customer requirement

DEVIATION FROM REFERENCE LINE	
PT 3	Y=0.03
+0.10	X X X X X X X X
-0.10	X X X X X X X X
CURRENT POSITION 450 X=-0.22	
+0.50	X X X X X X X X
-0.50	X X X X X X X X
Move	Fix ← → Laser Line More

■ ROTALIGN® PRO is available as a combination of any of the above applications

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**Productive maintenance technology**