ProFlange® v3

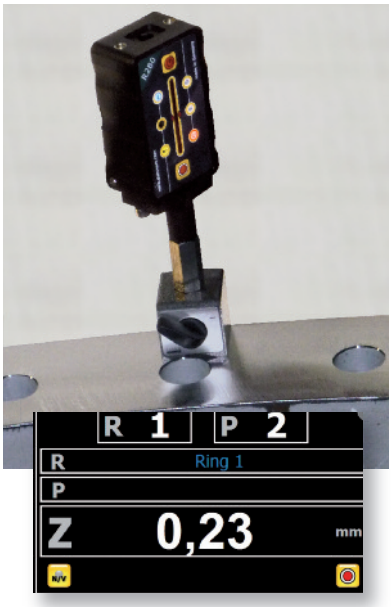
Flange measurement at its best

Another fine solution by

Status Pro
maschinenmesstechnik

Flange measurement at its best with

ProFlange® v3



Pro Flange offers you the the best in flange measurement software, allowing in-depth analysis as well as full documenting capability.
The software was developed hand in hand with leading players in the wind power industry.

Cable-free environment

Using either the R310BT or the R280 Receivers you are able to carry out all flange measurements …alone! Communication with the PC using Blue Tooth technology. The PC or Display Unit is extremely robust and ease of use is ensured thanks to the touch screen.

Complete freedom of movement

Using the new R280 Receiver, you are now able to trigger measurements using the Receiver, allowing greater ease of use.
The PC can now be placed out of hand, at a convenient distance. All relevant measurement information is visible in "XL format" on the PC screen. After measuring a point, the software moves automatically to the next point.

Automised laser plane adjustment

The Status Pro Receivers are also capable of controlling the T330 Laser. The laser plane can automatically adjusted parallel to the flange. This feature saves large amounts of time when setting up for a measurement!

Two user interfaces:

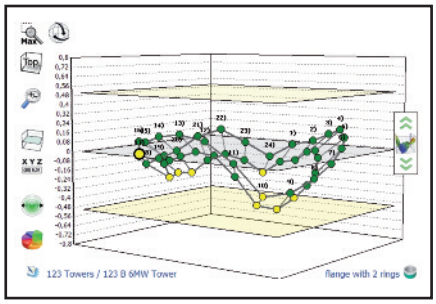
On-site measurement mode or full Analysis mode. Simply choose the method to suit your task.

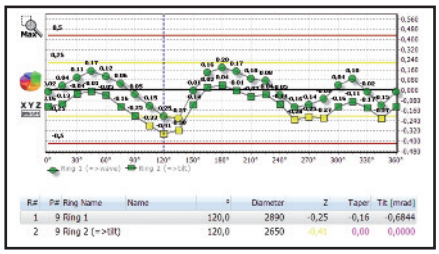
Immediate measurement and results

Set up for a quick measurement on site or prepare templates beforehand, enabling immediate measuring. Alternatively you can use one of the "pre-supplied" templates.

2D and 3D result graphics

Simple and clear visualisation and analysis of the gathered results either in 3D form or “unwrapped” in 2D form. Details of each measured point freely available.



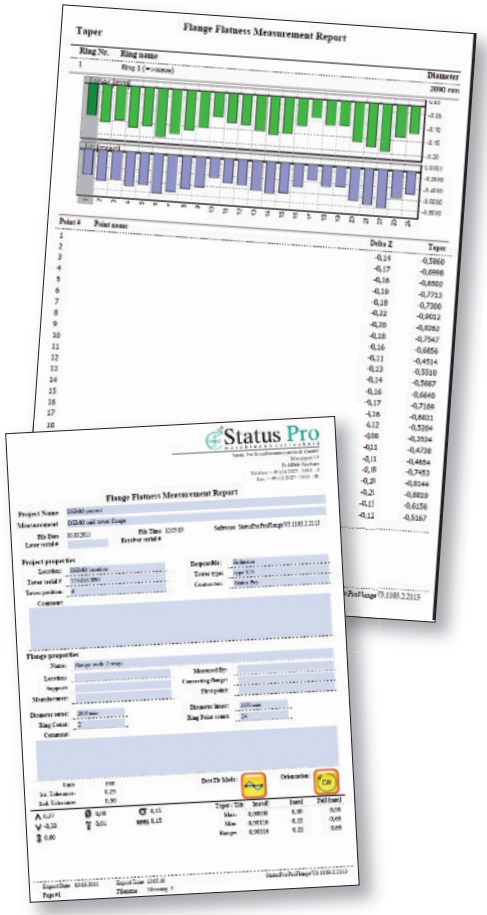


Extensive reporting capability

Simply press the appropriate icon to generate a report in .pdf form. The report contains the results in chart form as well as all the graphics and details concerning the measurement.

Complete analysis feature

Best- fit views as well as a three-point modus for evenness, allow quick and easy assessment as well as supplying data for use when setting up for corrective measures. Taper and short-waviness analysis as well as freely definable parameters ensure complete freedom of judgement.

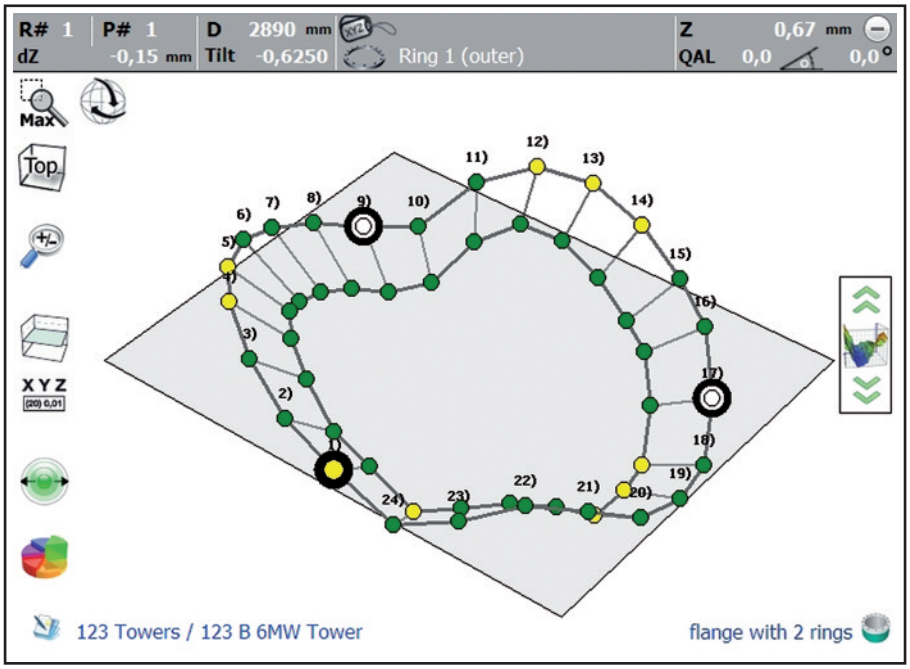


Short waviness

Define short waviness parameters to meet your needs, showing in detail where the local problems are.

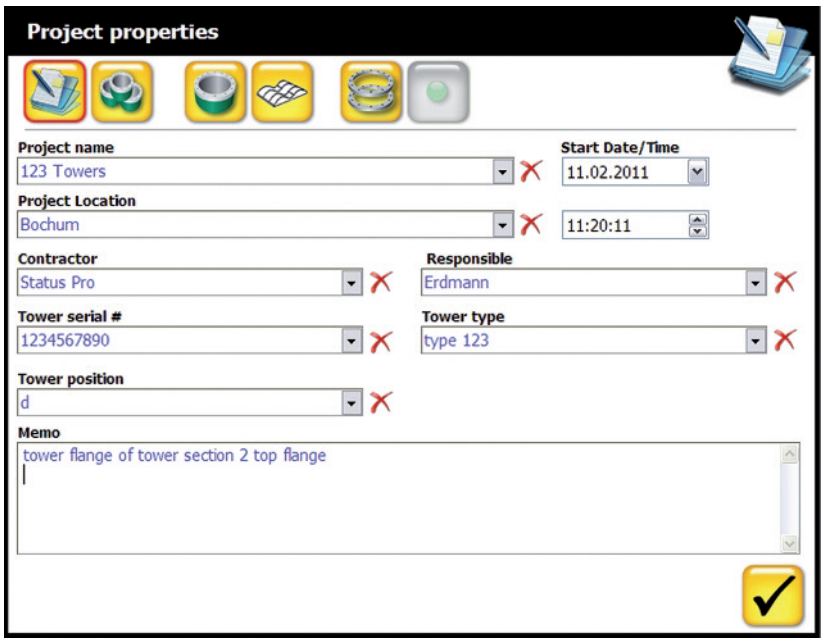
Taper and tilt

This feature allows instant recognition of taper and tilt, showing the direction (outer or inner) and showing the severity.



Project Management

All peripheral information concerning the meaurement, the object being measured as well as the Surveyor can be edited, stored, and easily recalled for analysis and reporting.



Database Management

All measurement results are stored centrally using clear menu structures. There is also a feature enabling direct upload into the Internet allowing potential assessment worldwide.

Safety

Data security is maximised using digital signatures and proof of originality. All measurement data is stored as raw data and only available using the SP software.

Features

- ➜ Database Management with template generation and storage
- ➜ No-limit to the amount of rings or points to be measured
- ➜ Flange management
- ➜ Information concerning Measurements, Flanges, Rings and measured points
- ➜ 2D and 3D Views
- ➜ Data tables
- ➜ Best-fit calculations using; 3 highest, 3 lowest or 3 freely definable points
- ➜ Short and Long-Waviness evaluations
- ➜ Flange tilt or taper
- ➜ Export capability for reports, tables, and graphics etc. in pdf form

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