

# The alignment of rollers ...

Alignment ◀

Press information: PARALIGN

Inquiries to: Sabine Kosma, Fax: +49 (0)89 99616100  
eMail: sabine.kosma@pruftechnik.com

1 ... is considered to be a highly specialized art.  
2 PRÜFTECHNIK AG now brings the 'first inertial  
3 alignment system' designed for this - fitted with  
4 three high-precision laser gyroscopes - onto the  
5 market.  
6 Today theodolites are used for roller alignment;  
7 as well as spirit levels, gages, plumb bobs and  
8 dial gages. All these procedures have one thing in  
9 common: they are very time consuming and the re-  
10 sults are 'subjective' to the user. This is demon-  
11 strated most clearly if the measurement setup is  
12 repeated to check the reproducibility of the mea-  
13 surements. Errors in the sign and mix-ups can  
14 arise when recording the measured values by hand.  
15 The result: Lack of parallelism among rollers and  
16 cylinders, vibrations, material flaws, loss of  
17 production.  
18 PRÜFTECHNIK AG refined the design of the PARALIGN  
19 inertial alignment system over several years of  
20 development. This is a compact measurement device  
21 which contains three high-precision laser gyro-  
22 scopes as used in the navigation of wide-bodied  
23 jets and submarines.  
24 PARALIGN 'learns' the ideal position of the roll-  
25 ers on a reference roller or plate. Simply by  
26 placing the system on the next roller surface, the  
27 actual position of the individual roller is com-  
28 pared with the ideal alignment and the deviation  
29 is shown immediately as a graphical and numerical

Press information

10 20 30 40 50

## Ein Unternehmen der PRÜFTECHNIK-Gruppe

PRÜFTECHNIK  
Alignment Systems GmbH  
Oskar-Messter-Straße 15  
D-85737 Ismaning

Telefon: 089-99616-0  
Telefax: 089-99616-200  
eMail: info@pruftechnik.com  
www.pruftechnik.com

Sitz Ismaning / HR München HRB 144630  
Geschäftsführer: Bernhard Wagner  
USt.IdNr. DE 203 077 005  
St.Nr. 143/802/32143

Deutsche Bank München  
BLZ: 700 700 10  
Konto: 0267799

# Presseinformation

30 information on the display.  
31 The data are transmitted to a Laptop by radio  
32 transmission. This shows a side view of the ma-  
33 chine where the deviations of every measured roll-  
34 er from its ideal position are graphically and  
35 numerically displayed. The measurement results are  
36 considerably more precise, absolutely reproduc-  
37 ible(!), and measuring takes a fraction of the  
38 time required for conventional procedures.  
39 At this time, PRÜFTECHNIK AG offers alignment  
40 consultant service by its own alignment teams in  
41 Europe.  
42 More detailed information is available under  
43 [www.paralign.de](http://www.paralign.de)

44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58

10 20 30 40 50

**Ein Unternehmen der PRÜFTECHNIK-Gruppe**

PRÜFTECHNIK  
Alignment Systems GmbH  
Oskar-Messter-Straße 15  
D-85737 Ismaning

Telefon: 089-99616-0  
Telefax: 089-99616-200  
eMail: [info@pruftechnik.com](mailto:info@pruftechnik.com)  
[www.pruftechnik.com](http://www.pruftechnik.com)

Sitz Ismaning / HR München HRB 144630  
Geschäftsführer: Bernhard Wagner  
USt.IdNr. DE 203 077 005  
St.Nr. 143/802/32143

Deutsche Bank München  
BLZ: 700 700 10  
Konto: 0267799

## PARALIGN® press photograph



You can download a printable file of the press photo (.TIF, CMYK, 300dpi) directly from the PRÜFTECHNIK homepage under: [www.pruftechnik.com/paralign.jpg](http://www.pruftechnik.com/paralign.jpg)

You can request a glossy print of the photo by eMail: [sabine.kosma@pruftechnik.com](mailto:sabine.kosma@pruftechnik.com)

Presseinformation