



Machine Alignment in the Wood Industry

Focus: Floor and Furniture Machinery

Get it straight!

Your requirements

In the past 10 years, throughput speeds have tripled. In the area of floors, double end profile machines can now process up to 350m/min.

Chain guide lanes of more than 10 metres must be aligned at ± 0.04 mm. Guide girders must be mounted tension-free, so that the exactness is as permanent as possible in spite of environmental conditions.



Our offer

Status Pro has been cooperating for years with well known names in the German wood and furniture machine building industry in order to meet these requirements from a machine alignment point of view.

It has become clear that the fast corresponding development of expectations had to be followed by an according development of measuring procedures and installation tools.

Status Pro develops laser measuring technology and measuring procedures in cooperation with furniture and floor machine builders.

Apart from a wide range of measuring technology, training and services we also offer service in the area of trouble shooting for machine operators and manufacturers of the timber industry.

Applications

- Chain lane straightness
- Girder evenness
- Lamination parallelism
- Straightness and evenness of the whole production segment

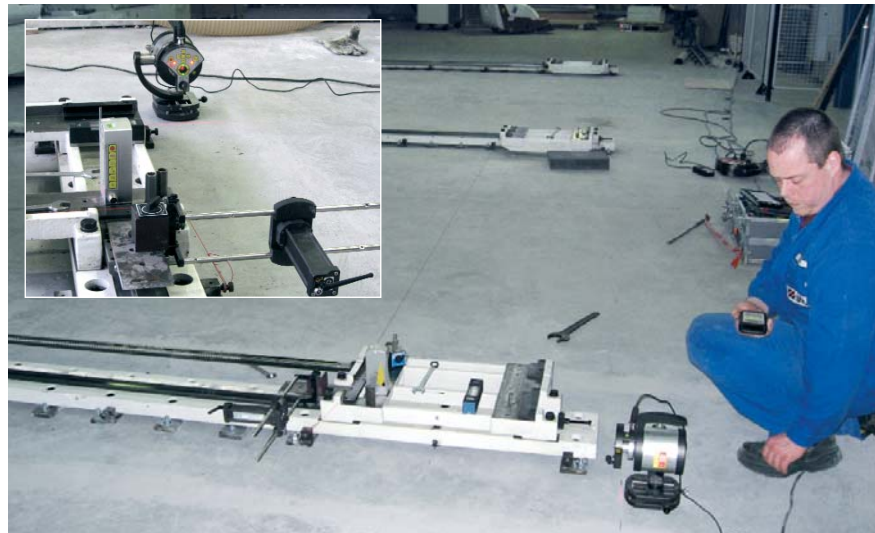
From the first floor girder to the fine tuning between Formation / Cutting Machines and laminators our measuring technology allows clearly faster and more precise installation.

Technology



The T310

is as easy to handle as a construction laser, however with tolerances for machines construction. Like 50-metre spirit level that also works laterally and not only from above, the T310 is a very precise and flexible installation aid.



The R310 measures the position of the rotating laser beam like a dial gauge, from the work piece to the reference.

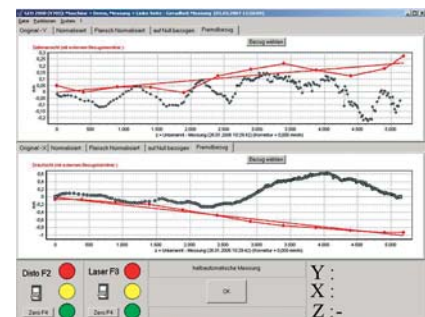
The beam forms a whole reference level rather than a line, as a wire would do. The R310 is cable-free; it has a range of up to 80 meters. Using several R310s at different measuring points makes it possible to have a clear view of all degrees of freedom.



display for the sensors up to 30 metres distance.

R525 is a battery-operated, cable-free precision laser receiver for perfect measuring of straightness of the chain guide lanes. It can measure and document a 10-metre lane in increments of centimetres in about 5 minutes (see picture on top).

GEO 2000



The software Geo 2000 was especially developed for installation of double profile machines and optimized over more than four years in cooperation with professionals for service and installation. Its key feature is the simultaneous readability of X, Y and Z measuring values.

Geo 2000 is supplied together with the display-unit.



RC310 serves as remote control for the rotational laser as well as a remote



Everything on board!

The Laser instruments are also available as a complete set in this rugged case.



By the way ...

Status Pro also provides technology and service for machine diagnosis and vibration technology.

Services and training

Status Pro looks back at a long-standing experience in cooperation with wood and furniture machine manufacturers. To fulfil your requirements when setting up machines in practice we form a team comprising of construction, installation and quality control.

In case of trouble shootings we are also available at a short notice as external service provider. Time is money.

We are happy to conduct training on site.

Contact us.



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