

## RHENOCAST® mineral casting: System skills for mechanical engineering



The optimization of logistics as well as the ongoing improvement and simplification of manufacturing and assembly processes are fundamental economic factors in the field of mechanical and plant engineering.

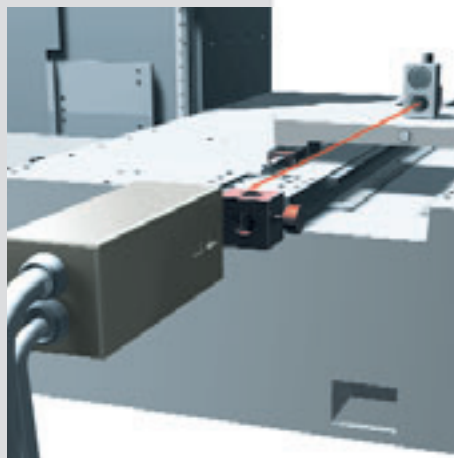
It is not simply the technical advantages offered by mineral casting, but also the potential for cost reduction in your procurement process that make RHENOCAST® mineral casting the technology for today and the future. To be able to offer our customers all these benefits, we not only supply individual components made by the mineral casting process, but also complete machine structures to ultimate levels of precision.



### Assembly in the $\mu\text{m}$ range

Every machine designer knows that fitting linear guides with  $\mu\text{m}$  accuracy is a demanding task.

To us, however, it is a core skill covered by special technology and processes, which guarantees the precision and repeatable accuracy required. We have years of experience and extensive expertise where mineral casting and linear guides are concerned.

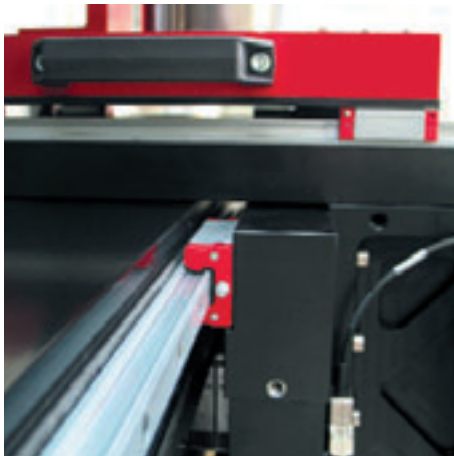


### Controlled precision

Precision manufacturing and assembly are inspected and recorded using the latest measuring methods.

«Dual Beam Laser» Technology is used to measure both horizontal and vertical straightness and to visualise the data with the corresponding software. In doing so, we reproduce precisely the conditions that are required in your application. As a result, you obtain measurements that truly reflect your end product. Your incoming inspection is substantially simplified by detailed measurement reports of our inspection and test procedures.

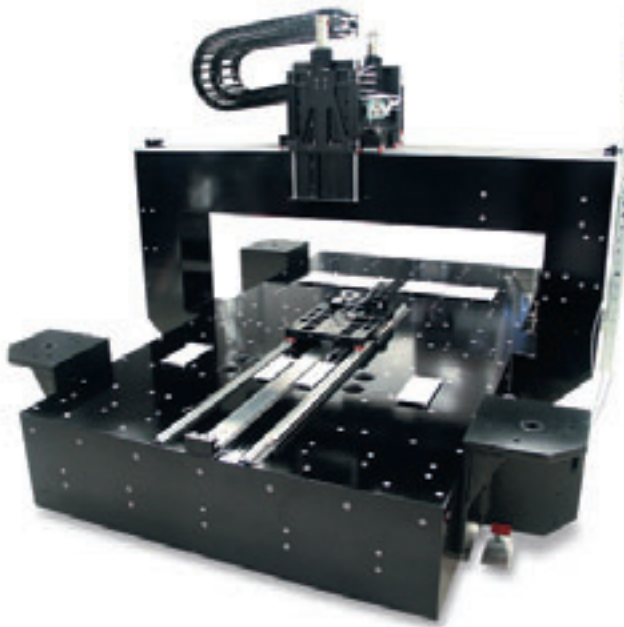




### Simplified procurement and reduced vertical integration

Our manufacturing skills encompass the entire process: starting with design, the precise casting process, the replication or finishing of ultra-precision reference surfaces through to the assembly of guideways, slides and drives. This eliminates the need for time-consuming transport operations for final finishing, assembly or painting.

Leave the entire manufacturing process of the system to us and reduce your levels of vertical integration as well as the resources involved. Our business strategy is to provide you with increased flexibility and to minimise risk.



### We have full mastery of the kinematic process. From machine layout through to fully assembled base machine

Our common focus is on the overall quality of the end product. As specialists in «guides – measurement and drives», we can make major contributions towards smart solutions for motion and positioning tasks.

SCHNEEBERGER's integrated skills, from the design phase through to the finished base machine, guarantee the optimum use of resources and the best possible utilization of current technologies.

Well-established expertise with broad-based technologies; The system skills that modern mechanical engineering requires.

## SCHNEEBERGER – Essentials for the best!

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