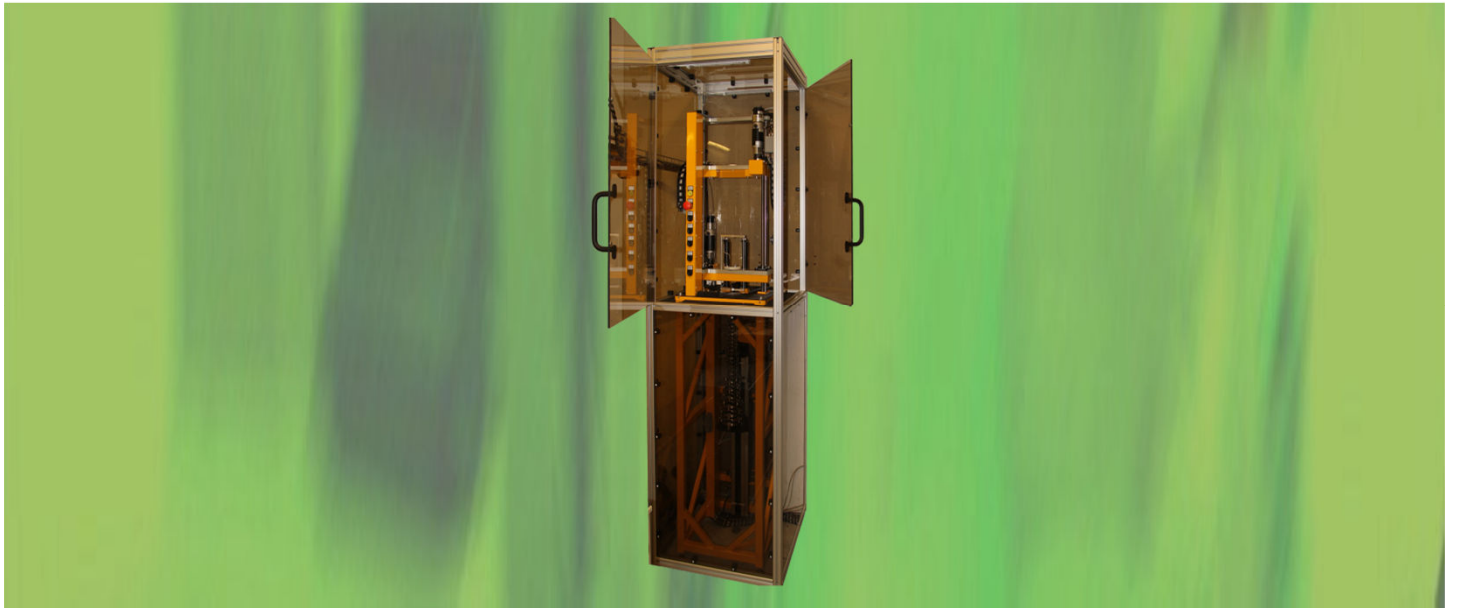


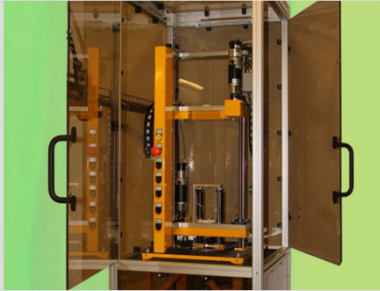
# Dead-load standard machines



The highest precision. The easiest operation. The greatest flexibility.

- High level of automation, resulting in low measuring uncertainty
- Simple adjustment to new directives via macro editor
- Intuitive operation via GTM ForceManager
- Virtually wear-free
- Extremely low maintenance





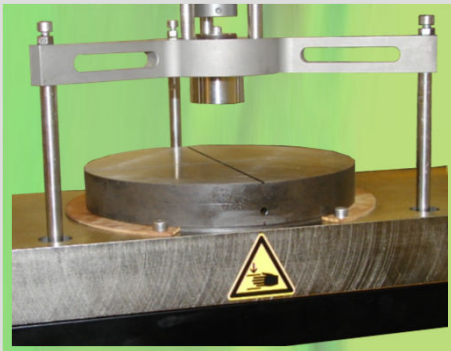
## Dead-load standard machines

### Properties and features

The focus is on the calibration of force transducers and load cells, plus the determination of their properties, compared on a national and international scale. These are very demanding tasks.

GTM dead-load standard machines are used for the precise display of the load scale and meet the most demanding requirements. In order to achieve this, the machines are optimised through their selected material, equipment, drive concept and other important design criteria.

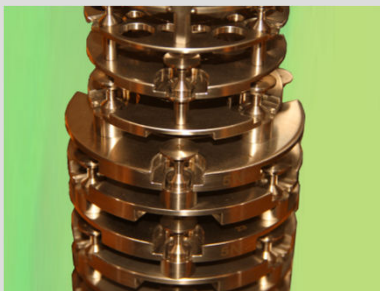
If your aim is to fulfil the highest demands, then look no further.



### Operation and use

The standard machine supports the operator in their tasks. Thanks to the high level of automation, routine tasks are carried out reliably and a high degree of measuring certainty is achieved. Calibration processes for new standards are created in a matter of minutes with the macro editor.

The comprehensive range of background control functions are streamlined into the relevant metrological functions for the operator. In this way, the operation of all GTM standard machines is intuitive. Despite the high levels of precision, the learning curve for operation is very short.



### Versions

The mass stacks are manufactured from non-magnetic stainless steel or nickel-plated steel, and are equipped with GTM coupling elements for a smooth, asymptotic force transfer.

Versions are available with sequential stacks or exchange stacks with a dummy load device.

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