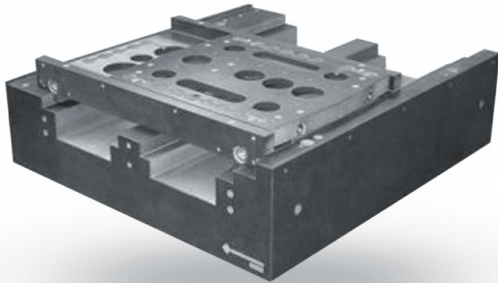




## XY-stage - with air-bearings



High dynamic machine concepts can be provided with components of natural hardstone - granite, offering multiple advantages in comparison to conventional materials.

- › Precision cross-table, air-bearied for micromachining in high precision and dynamic.
- › All movement axes are air-bearied and equipped with linear drives.
- › Air bearings are directly incorporated into the granite components.

Nearly friction-free bearings, low specific weight and the relatively high stiffness of the part enables excellent positioning accuracy of each axis with high dynamic.

### Specifications

- › Dimensions: 1300 x 1200 x 400 mm
- › Traverse path in X- and Y-direction: 500 x 300 mm
- › Running precision in X- and Y-direction: < 0,002 mm

### Range of applications

- › Optical measurement technologies
- › Laser-micromachining
- › Micro-, precision assembly

Other dimensions, accuracies and various guidance principles and drives are possible.