Product information

Manual measuring stations MarSurf Engineered Engineered Solutions MarSurf Engineered Series 0

Item no.: **9900002_MES**

Product features

MarSurf Engineered series 002 – Manual measuring station with air-bearing-mounted positioning axes

This measuring station is fitted with an air-bearing-mounted positioning table for the convenient positioning of large workpieces, such as cylinder heads and cylinder blocks. It can be used for workpieces up to approx. 300 kg. Integrated guides ensure the user can manually position heavy workpieces easily yet accurately.
Each axis of the positioning system can be set individually using the coarse and fine adjustment and can be blocked using the locking brake. The rotary table with a diameter of 600 mm and a M6 thread with 50 mm inner micrometer screw is designed as a very flexible support plate for the workpieces. Various measuring tasks can thus be completed on several workpieces on a single measuring station.
Specially adapted attachments can optionally be produced.

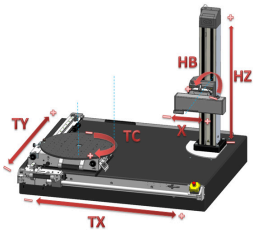
The measuring station can be combined with all available drive units and standard software packages. More than one drive unit can be used in conjunction with a change-over switch.
The relevant drive unit that is currently not in use can be parked to the side in the tray station provided.
The measuring station concept offers:

- Simple and convenient positioning of large workpieces using the air-bearing-mounted relocating and positioning slide
- Can be combined with a wide variety of different types of drive units
- Individual axes can be locked independently of one another

Technical data

Workpiece weight max.	300
Measuring principle	tactile
Dimensions in mm	3400 x 2500 x 1900 mm³
Positioning volume x	800
Positioning volume y	650
Positioning volume z	750
Addition to positioning volume x y z	360° rotation axis for C-axis
Weight (gross)	0 KG

Dimensions



Application

Machine building

Bearings, threads, threaded rods, ball screws, shafts, racks

Measurement close to production

Contour measurement in a semi-