

## Precision Sine Table with lifting mechanism

SAV 245.10

Swivel on longitudinal axis, firmly attached on the machine table

### Design:

Swivel on the longitudinal axis.

The base plate of the sine table is made of steel, stress-free annealed. All built-on parts are hardened (HRC 60) and precision ground. Stable construction with high accuracy. Depending on size fitted with mechanical adjusting gear or hydraulic swivel support.

High accuracy due to extreme flat construction. 4-point support for optimal security. Available with angle gauge and additional fixation on request. This sine table is standard executed with electro-permanent chuck SAV 243.70.

Delivery with sine chart with degrees / minutes in mm, precision long side stop and short side stop, 3 m connecting cable, lacquered magnet body.

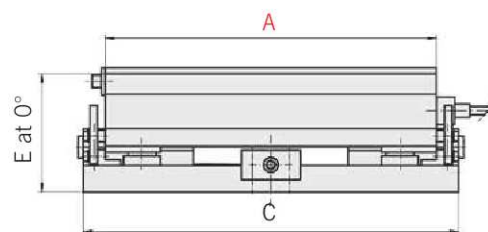
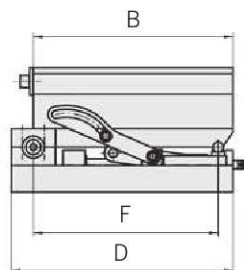


|                         |                  |
|-------------------------|------------------|
| Shimming measure at 0°: | 5 mm             |
| Angle range:            | 0° to 45°        |
| Angle precision:        | ± 5 sec.         |
| Planar parallelism:     | ± 0.005 / 100 mm |



### Application:

The angle is set according the sine principle, using an end-gauge.



| Dimensions in mm |     |     |     |                   |     | Weight in kg |
|------------------|-----|-----|-----|-------------------|-----|--------------|
| A                | B   | C   | D   | E <sub>0°</sub> * | F   |              |
| 400              | 200 | 460 | 280 | 165               | 175 | 90           |
| 500              | 200 | 560 | 280 | 176               | 175 | 120          |
| 500              | 250 | 560 | 315 | 165               | 225 | 138          |
| 600              | 200 | 660 | 280 | 165               | 175 | 170          |
| 600              | 300 | 660 | 370 | 170               | 275 | 200          |
| 800              | 300 | 860 | 370 | 186               | 375 | 250          |
| 800              | 400 | 860 | 455 | 186               | 375 | 320          |

\*Depending on magnet type.

The given heights refer to electro-permanent (EP) magnetic chuck SAV 243.70 (chapter 3)

Suitable control units SAV 876.10 (chapter 04).

Other sizes and executions on request. Also available with electro-magnet (E) or other magnetic systems.

Please specify type of magnet when ordering. (see chapter 1, 2, 3)

Ordering example: Precision Sine Table SAV 245.10 - 800 - EP

Ordering key: Name SAV No. - A - Magnet type