

Height adjustable special worktable for clamping tasks - Size S

Height adjustable special working bench with a Ø16mm hole grid and side panels enabling the usage of various Ø16 tools for clamping of parts for treatment, preadjust steel constructions before welding and may fix small machining devices or tools to the plate as well as preset clamping fixtures. The version as a height adjustable table is equipped with a manual hydraulic system to adjust ergonomic height or if temporarily use at other machines or systems is required, especially if this unit is used to feed heavy items or plates into machines or onto other work stations. The bottom rails are carrying some transportation bars which allow to move the table easily within the work environment or to other work places. The side panels can be used for setting of stops or to enlarge the work surface by using vertical angles mounted to the sides.

Examples of use:

Metal works – Height adjustable 3D-Welding table for clamping single pieces to welding constructions

Woodworks – Height adjustable table for Clamping of wood constructions for gluing

Machine building –Table for treatment of single machine parts with clamping functions with flexible height

Toolshop or Repair – Securing of toolparts before treatment or transportation within shop and adaptable height depending of tools position

Gen. Industrie - Ergonomic and movable carrier for all kind of small fixtures or height adjustable multi purpose working bench in maintenance and repair shops

Tabletop dimensions	1450mm x 950mm
Height of side panel	200mm
Height of table	650mm - 1050mm
Diameter of holes at tabletop	Ø 16mm
Hole grid	50mm x 50mm
Material of tabletop	See table below
Table plate height	16mm dual
Lifting capacity	250 kg
Max. load	2000 kg
Net weight	443 kg



Image: SWT 80/16 S Ø16 - 200

Tabletop

Description



Tabletop built as a dual plate system with upper plate, lower plate and support construction of 2 beams lengthwise and 3 cross beams achieving flatness acc. workstandard WN5110000 in dependance upon DIN ISO 2768-2. The 4-side 200mm side panels with hold grid enables the setting of stops, vertica clamping or table square enlargement due tot he use of sidly mounted vertical angles. The dual plate design enables the use of different surface materials which can be chosen in accordance with the working task (see table materials). In standard top plate is made from material S355 (lower plate standard S235). The surface is carrying a Ø16mm hole grid 50x50mm which allows the usage of various clamping tools. At the top plate surface also a line grid is engraved in order to assist visual orientation. Due to the use of two 8mm plates in dual design the optimal thickness of the top plate is 16mm.

Material of top plate of tabletop	Opt. material description	Tensile strength MPa	Hardness HV / (HBa)	Type description	Type no.
Regular steel ST52	S355, 1.0976	Rm 430-550	ca. 175 (128-163)	SWT 65-105/16 S Ø16-200	100464
Higher strength steel ST70	S700, 1.8974	Rm 780-950	ca. 265 (220-280)	SWT 65-105/16 S Ø16-200 ST70	100465
Stainless steel	304,1.4301, Niro	Rm 500-700	ca. 205 (150-200)	SWT 65-105/16 S Ø16-200 VA	100466
Other materials for special requirements	For example: Aluminium, electrical insolutating Materials for electrical installations				

Table base

Description



Robust full steel hydraulic scissor table base with 2 hydraulic scissor levers and 2 bottom rails. The weight of the single scissor base unit is 150kg and can take a load of 2000kg. Each bottom rail is equipped with 2 levelling feet providing the opportunity to adjust floor deviations of up to 50mm at place of use. Transportation bars in the bottom rails enabling the easy movement of the unit within the shopfloor by just applying a simple hand fork lift truck. So the entire unit can be moved to different places in the work environment. The lift mechanism is driven by a manual hydraulik pump and 1 single stage hydraulik cylinder. The system is secured with a breakage guard valve mounted into the cylinder. As standard all parts of the table base are longlife coated in black RAL9005 (Powder or KTL). All table base units also are available as single units for many other customer purposes. In this case on request the top rails also can be delivered even with customized hole positions for easily adapting own constructions or plates onto it.