

## Height adjustable special multi purpose worktable - Size M

Height adjustable special working bench usable for many operational purposes and work stations. The metal plate enables the implementation of threaded holes to mount on fixtures, small working devices or even clamping stations. 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.

### Examples of use:

**Machine building** –Height adjustable table for treatment of machine parts, assembling bench

**Toolshop or Repair** – For treatment of heavy tool parts during adaption or assembling

**Gen. Industrie** - Height adjustable multi purpose working bench in maintenance departments

**Steel works** – Classical table for steel works as well as welding

Tabletop dimensions	2480mm x 1230mm
Height of table	650mm -1050mm
Material of Tabletop	See table below
Table plate height	16mm dual
Lifting capacity	250kg
Max. load	2000 kg
Net weight	718 kg



Image: SMT 65-105/16 M

### 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 dependence upon DIN ISO 2768-2. 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). Due to the use of two 8mm plates in dual design the optimal thickness of the top plate is 16mm. Strongest version is 20mm. Other plate thickness options or special plates, such as roller or ball plates, are available upon request.

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)	SMT 65-105/16 M	100240
Higher strength steel ST70	S700, 1.8974	Rm 780-950	ca. 265 (220-280)	SMT 65-105/16 M ST70	100249
Stainless steel	304, 1.4301, Niro	Rm 500-700	ca. 205 (150-200)	SMT 65-105/16 M VA	100268
Other materials for special requirements	For example: Aluminium, electrical insulating Materials for electrical installations				

### Table base



### Description

Robust full steel hydraulic double-scissor table base with 4 hydraulic scissor levers and 2 bottom rails. The weight of the single scissor base unit is 300kg and can take a load of 2000kg each scissor. Each bottom rail is equipped with 3 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 hydraulic pump and 2 single stage hydraulic 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.