

SI WORKBENCHES

CHARACTERISTICS OF THE METAL STRUCTURE

The frame is made of folded sheet steel, thickness 25/10th.

The legs or ladders are made of welded U-shape folded sheet steel, cross-section 42x80x42mm for the versions SI fixed height, SI mechanical height adjustment and SI hand crank height adjustment, and cross-section 62x87x62 mm for the electrical height adjustment version.

The horizontal cross members are made of folded steel in U-shape, cross-section 40x60x40mm for the versions SI fixed height, SI mechanical height adjustment and SI hand crank height adjustment, and cross-section 40x50x40 mm for the electrical height adjustment version. The structure is finished with a fine-textured structured epoxy powder paint, oven-polymerised at 180°C.

The product is designed in such a way that no screws or bolts are visible after assembly of metal elements, thus providing greater protection of users against possible injury. The SI frame may be anchored to the floor (except for the electrical SI version) thanks to the perforated base plate incorporated at the bottom of the foot. This plate helps prevent indentation on the floor surface.

On the fixed version, one or both ladders may be replaced by a drawer cabinet which supports the worktop as well as the upper and lower cross-members. This drawer cabinet has an overall width of 430mm and overall depth of 600mm.

The mechanically height-adjustable version of SI workbench has two horizontal in-depth 750mm, and three in-depth 1000mm cross-members. The worktop is supported by two side members in U-shape with a 50x80x40mm cross section. This model is height-adjustable at

a pitch of 40mm and tightened by screw and bolt. Frame adjustment travel ranges from 740 to 1020mm, excluding worktop thickness.

The crank-operated height-adjustable version of SI workbench has three horizontal in-depth 750mm, and four in-depth 1000mm cross-members. The worktop is supported by two side members in U-shape with a 50x80x40mm cross section. The workbench can be adjusted to the exact height required.

A set of 4 hydraulically controlled columns are used to raise the frame and worktop assembly above the structure. This operating principle ensures extreme rigidity of the assembly at all height. The columns are controlled with a fold-away crank with lever arm length of 125mm. Each rotation of the crank moves the assembly 5 mm. The setting stroke ranges from 750 to 1020mm for the frame excluding the worktop thickness.

The electrically height-adjustable version of SI workbench features one horizontal crossbar. The worktop is supported by a U-shaped side member with a section of 40x50x40mm and by a H50xD215mm top hat profile stiffener where control box is installed. The workbench can be adjusted to the exact height required.

A set of 4 electrically controlled columns are used to raise the frame and worktop assembly above the structure. Supply voltage 230V, 50Hz, cable length 3.2m. The setting stroke ranges from 700 to 1200mm for the frame excluding the worktop thickness. Maximum off-load speed 38mm/s. The remote-control has a built-in height display and enables memorisation of 3 positions.

ASSOCIATION OF FRAME AND WORKTOP

The frame of the SI workbench is designed to receive all worktops indicated in the workbench worktop description pages.

The worktop is fixed to the structure by TH 6x25 hexagon head lag screw (except 19mm top: TH 6x20 hexagon head lag screw) and can be placed flush or in the centre according to user constraints.

EQUIPMENT (Refer to the range on pages 126 to 155)

The workbench can be complemented by either a lower shelf extending over the entire depth or a half lower shelf covering half the depth. These shelves are made of galvanised metal and can be placed in the lower section, resting on both the legs or scales and the horizontal crossmember.

Drawer cabinets may be mounted under the frame of the SI workbench, as well as a keyboard stand or CPU stand.

Is should be noted that the electrical SI only accepts drawer units with a height of 380mm.

An optional metal plate allows for lateral linking of two workbenches, either face-to-face or perpendicularly (for fixed SI only)

The worktop can be equipped, in upper section, with uprights to accommodate a range of equipment (shelves, rails, lighting support, perforated panels, various supports and reels, etc.) so that users can benefit from easy access to work tools in ideal ergonomic conditions.

The base can be equipped with height-adjustment jacks (with a 30mm stroke, ranging from 825mm to 855mm for the fixed structure without a worktop) or with a set of four swivel castors, each with a diameter of 100mm, with two of them featuring brakes.

LABELS

The fixed and electrical SI workbenches are certified NF Environment standard and NF Technical Furniture standard.

The certified permissible load for the fixed SI is 1,500kg, 1,000kg for the mechanical height adjustment SI, and 300kg for the crank-operated and electric (dynamic load) models.

Worktops are PEFC certified.



In compliance with standard XPD 65762

Colour chart: