

# SGUALA'

## USER MANUAL



New Table Concept

NTC srl – Sales Office

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# 1. INTRODUCTION

Dear Customer, thank you for choosing the SGUALA' sliding table.

The SGUALA' sliding table is built with high quality materials and extensive attention to details.

We are confident that you will appreciate the value of our product and enjoy its convenient, space-saving and aesthetic features.

# 2. CONTENT

- A - Rail mounting holes template
- B - Rails
- C - Parallelogram metal structure
- D - Table top
- E - Hardware (Fig. 1a)
  - 4 sliders with washers and nuts
  - 2 closing lock magnets
  - 10 M6x45 and 2 M6x15 screws to fix the tabletop
  - 12 screws and 12 dowels to fix the rails to the wall (Fig. 1b)

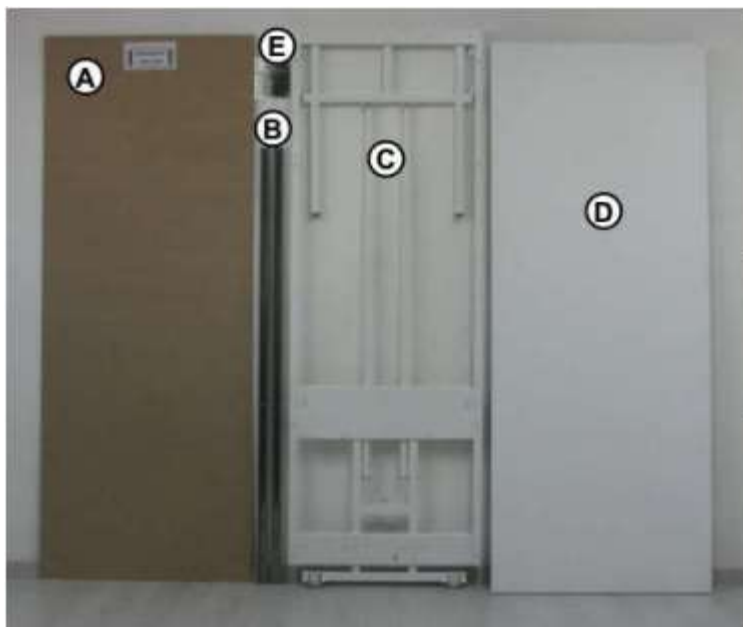


Fig. 1a



Fig.1b

**WARNING:** The screws and dowels we provide are suitable for walls made of solid bricks or concrete. In all other cases you must use dowels and screws appropriate for the wall in question.

### 3. PARTS DESCRIPTIONS

The table is made up of three main components, which are:

- the stainless-steel rails to be fixed to the wall
- the variable parallelogram metal structure to be connected to the sliders of the rails
- the tabletop to be screwed over the parallelogram metal structure (Fig. 2).

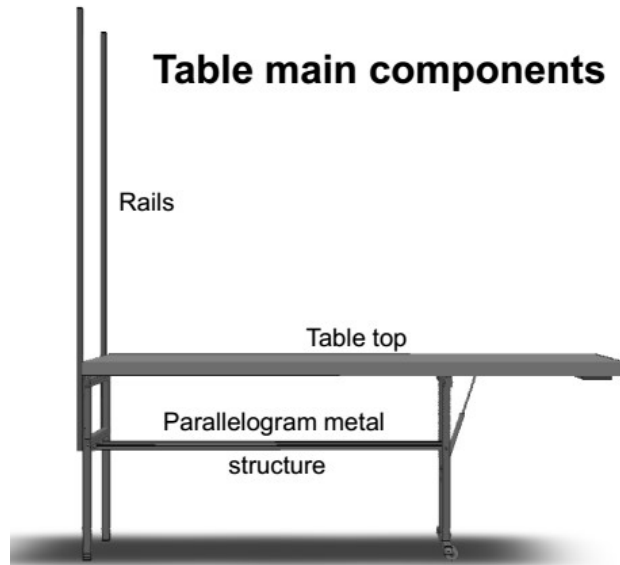


Fig. 2

The four sides of the parallelogram metal structure are formed by the following parts (Fig. 3):

- the sliding carriage is attached to the four sliders. It runs up and down 12 mm from the wall
- the frame holds the tabletop
- the main carriage on wheels
- the pair of tie rods.

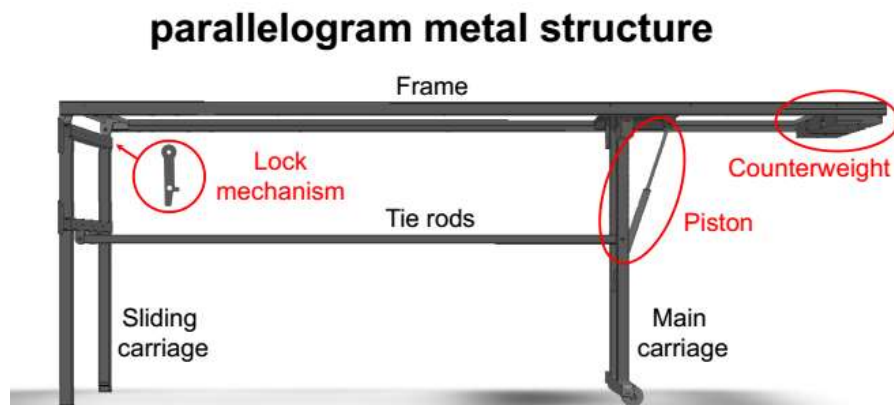


Fig. 3

The parallelogram metal structure hosts three components:

- the counterweight, which is made of metal plates, is located at the end of the frame opposite the rails (it is not present in short tables)
- the piston is located between the main carriage and the frame
- the table lock mechanism is located on the right side of the sliding carriage.

## 4. REQUIRED TOOLS

The tools you will need are: measuring tape, screwdrivers (electric screwdriver is better), drill, drill bit 6 mm (1/4"), pencil, 2.5 mm Allen key and an 8 mm wrench (Fig. 4).



Fig. 4

## 5. WARNINGS

The table will be mounted to the wall which is a fundamental element for table stability in both working and closed positions. It is important to mount the table on a wall suitable for securing table stability. NTC srl guarantees table strength but is not responsible for wall failures or unsuitable mounting on the wall.

The sliding carriage slides up and down at a distance of twelve millimeters from the wall. The main carriage, with the table in closed position, is also located at the same distance from the wall. For smooth operation of the table, the skirting board cannot have a thickness greater than 12 mm.

If not, the skirting board must be removed for a length equal and corresponding to the width of the main carriage. **The opening and closing of the table are forbidden for children under 12 years old.**

## 6. UNPACKING

The wooden cage is assembled with nails on one side and with screws on the other. The screws need to be removed to open the cage.

1. Unscrew the cage and remove the wooden bars (Fig. 5 and Fig. 6).
2. Remove the cardboard protection sheet.



Fig. 5



Fig. 6

3. Take out the rail mounting holes template.
4. Take out the screws and dowels bag.
5. Take out the rails located on one side of the table.

## 7. ASSEMBLY

1. Decide where you want to have the table and make sure the wall is appropriate for mounting and can safely hold the weight and stresses to which it will be subjected. The wall must be flat, free of any obstacles (electrical outlets, air intakes, etc.) and with the height adequate to accommodate the table size.
2. Place the rail holes template in the position where you like to have the table (Fig. 7). The holes template has the same size of the table in closed position.



Fig. 7

3. **IMPORTANT:** The position of the holes in the template is not vertically symmetrical; there is a label on the template which identifies the side that must be on the top when marking the holes (Fig. 7).
4. Use a pencil to mark the holes for fixing the two rails.
5. Remove the template and make the holes. To obtain a greater precision, we recommend to make four lines around the circular mark (Fig. 8) and to drill the holes first with a small drill bit and then re-drill with the 6 mm (1/4") drill bit to enlarge the holes
6. Insert the dowels into the holes.
7. Screw the two rails to the wall. **IMPORTANT: The two rails are not identical. Screw the rail with the magnet and the side hole (Fig. 9) on the right** and the other on the left.
8. Before tightening the guides check that they are parallel, perpendicular to the floor and at a distance of 680 mm between them.

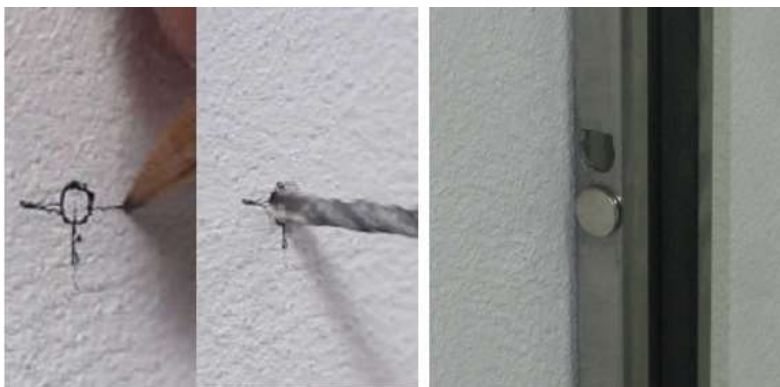


Fig. 8

Fig. 9

9. After removing the nut and one washer from the sliders, insert them (two for rail) into the rails and place them at about 2.5 mm and 220 mm from the bottom of the rails using pieces of blue packing material to keep them in position (Fig. 10).



Fig. 10

10. Unscrew the four screws that hold the parallelogram structure to the table board during shipping and collect them for the mounting of the board.
11. In order to facilitate the assembly, it is convenient to move the parallelogram structure opened. Before taking the structure out from the cage, remove the nylon that holds the two carriages bounded to the frame and open the parallelogram structure completely by lifting the lower parts of the main carriage. Because of the piston, the structure will open slowly, and you will need to apply some effort.
12. In order to lock the parallelogram structure in the open position, insert the gray plastic cylinder with a slot (located alongside the piston) around the shock shaft and reinforce the plastic cylinder with the three cable ties (Fig. 11 and 12).
13. Remove the frame from the cage, turn it upside down and position it next to the rails (Fig. 13). **WARNING! Never push or pull the parallelogram structure as it could close with serious consequences for your hands. Never grab the parallelogram structure at the top of the sliding carriage as it could crush your fingers in case of accidental closure. Move the structure by taking it on both sides while lifting it from the floor (Fig. 14).**



Fig. 11



Fig. 12



Fig. 13

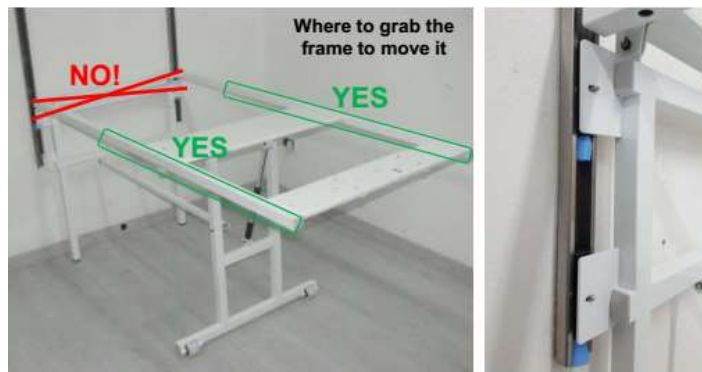


Fig. 14

Fig 15

14. Move the structure toward to the rails slightly oblique so that it is closer to one of the two rails. Starting from the nearest rail, adjust the positioning of the slides so that the screws enter the slots of the sliding carriage plates pushing the structure further (Fig 15).
15. Insert the washer and screw partially the self-locking nuts to the sliders screws. Repeat the same operations in the other slider. The self-locking nuts we supply are modified and have a reduced braking torque. **Do not use common self-locking nuts as they may unscrew the sliders screws when tightening them.**
16. Tighten slightly the top nut of the right guide and do not tight the other three (leave one/two millimeters margin) to allow the screws to move inside the plate slots during the opening and closing of the table.
17. Fit the two closing lock magnets to the lower ends of the guides. Remove the black rubber cap from the magnet and loosen the screw just enough to fit the black holder into the guide. Keeping the holder at the end of the guide, lock it in that position by tightening the screw. Replace the black rubber cap over the magnet (Fig. 16).



Fig. 16

18. Remove the gray plastic cylinder previously located around the piston shaft.
19. Close the structure lifting it from the wall side or pushing it down from the opposite side and check that it closes well with the magnets that lock it in that position. Open the structure by pulling it from the wall and check that it slides properly. The structure may not open completely due to the lack of weight. Open it fully by pushing on the sliding carriage.
20. If the structure does not slide properly, you can get better results by loosening or tightening the slider nuts or by improving the parallelism of the two rails.
21. Activate the locking mechanism by removing the rubber band that holds the locking hook (Fig. 17).





Fig. 17

22. With the table in open position, make sure that the locking hook is centered horizontally and vertically with the hole present in the right rail and that it always enters the hole any time you open the structure.
23. Open and close the structure a few times and check that the locking mechanism is functioning properly.
24. With the structure open and locked, take the tabletop from the cage and place it over the structure with the wall side (indicated by the label under the table top) towards the rails.
25. Fix the tabletop to the frame by screwing the M6x45 screws that go along the edges of the table top and the two M6x15 screws that go to the center of the table top. Tighten the screws slightly.

## 8. OPENING AND CLOSING

**The opening and closing of the table are forbidden for children under 12 years old.**

To open the sliding table SGUALA', simply pull out from the wall the lower part of it for a few tens of centimeters to the point where it continues to open on its own.

To close the sliding table SGUALA', push inward the knob of the lock hook located on the right side of the sliding carriage (Fig. 18) hold it in that position, lift the table up and slide it to its closed position by pushing the table to the wall. The lock hook knob must be held inward during the first centimeter of the table lifting and then it can be released.

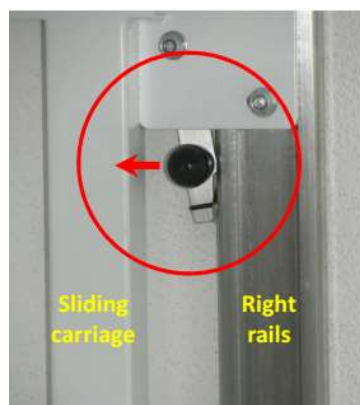


Fig. 18

## 9. CLEANING AND MAINTENANCE

The SGUALA' sliding table does not require special maintenance. Cleaning can simply be done with a damp cloth or with a standard furniture cleaning product.

## 10. WARRANTY

The warranty is valid for two years from shipment date of the product and covers only defective parts or breakage due to production defects. The warranty does not cover breakage or damage due to improper use of the table. The broken parts will be replaced free of charge. The shipping expenses will be charged to the customer.

To make a claim under the warranty, send an e-mail to [\*\*support@newtableconcept.com\*\*](mailto:support@newtableconcept.com) with a description and pictures of the defect.

NTC srl reserves the right to modify the product without any notice.