



## Column Lift Manual

### Introduction

Firgelli Automations lifting columns have a compact and clean design with great optional Remote Control possibilities. They provide optimal ergonomics in applications for office, home and industrial markets along with the hospital and care sector.

Furthermore, column lifts can be used upside down to lift objects up such as for Projector lifts.

Our Column lift is a compact 3 section lifting column, which is a perfect choice for a wide range of different applications because the 3 sections allow the closed retracted length to be quite short compared to the stroke of the Column Lift.

The Column Lift is controlled with a simple plug in controller with arrow up and down buttons. Simply press the button and watch the lift rise quietly and effortlessly. We offer optional programmable controllers if you wish to set certain pre-determined heights as well as 2 different wireless options (IR or RF).

### Package Contents:

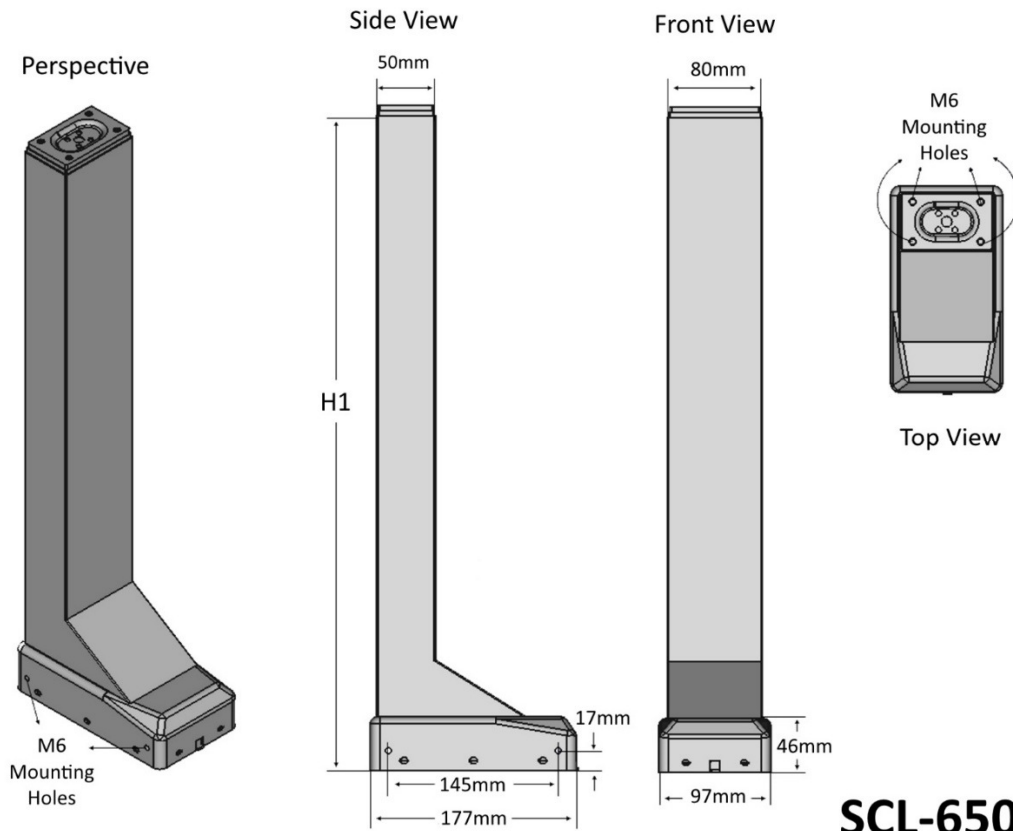
No.	Description	Qty.
1	Column Lift	1
2	Control Box	1
3	Wired Switch	1
4	Power Cable	1



## Specifications

Model	FA-SCL-650	FA-SCL-1000
Dynamic Force	180 lb.	80 lb.
Stroke	25.6 "	39 "
Retracted	22"	32"
Speed	1.5"/sec	1.5"/sec
Operating Voltage	24VDC	24VDC
Color	Black	Black
Limit Switch	No limit switch	No limit switch
Overload Protection	Integrated in Control Box	Integrated in Control Box
Duty Cycle	10% max, 2 min continuous use	10% max, 2 min continuous use
Tube material	Steel	Steel
Compliance	CE	CE

## Dimensions



Model	SCL-650	SCL-1000
H1	560mm	812mm

**SCL-650**  
**SCL-1000**

## Installation and Operation



- Securely Install the lift in the required location, connect the Control Box to the Lift with the supplied cable. The cable has a 6-pin connector with a locking tab.
- Plug-in the wired remote switch into the Control Box.
- Plug in the power cable into the Control Box and apply power from the 110V AC wall outlet
- To lift the Column, push and hold the “UP” arrow button, releasing the button will stop the upward movement.
- To retract the Column, press and hold the “Down” arrow button.
- These two buttons are momentary action buttons, the lift will move as long as they are depressed, releasing them will stop motion.

## Trouble Shooting:

If your Column Lift is not functioning properly, it may need to be reset.

*Unplug the unit for 30 seconds, then once you have plugged it back in press and hold the 'down' button and do not let go until at least 5 seconds after it has stopped moving. This will allow the column to re-sync. Your lift should now be working as normal.*

## **Programmable Controller**

The optional Programmable Controller is sold separately. It will allow you to control your Lifting Columns position such that a simple press of a button will move the column to pre-set positions. You can program up-to 4 pre-set positions. Simply plug into the control box that comes as standard with the Column Lift FA-SCL-650 or FA-SCL-1000.



### **How to program controller:**

1. Use Down button to retract Column Lift fully.
2. Use Up button to move to first height which is displayed on LED.
3. Press "S"
4. Display shows "S", Press 1 to set this as height 1.
5. Repeat steps 2-4 for heights 2, 3, 4.
6. To move to any preset height, press 1, 2, 3, or 4.