

SOLAX

HOIST

ST101



Introduction

Dear Customer

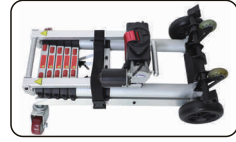
The foldable telescopic hoist serves for family use is the new advanced product, which is driven by small motor and equipped with main frame of ladder type telescopic and other foldable support components. It is easy-carrying, economized effort and brings users with great convenience for its good flexibility, small size (70*40*23cm) and light weight (≤ 13.5 kg).

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»I. THE OVERALL STRUCTURE OF THE HOIST

The hercules can be fold/unfold easily.
Dimension (folded) is 70*40*23cm, see FIG 1
Dimension (unfolded) is 1780*85*70cm, see FIG 2:
It is mainly composed of four major components.



(FIG 1)



(FIG 2)

1. Head components
2. telescopic ladder type with rack components

3. support frame components
4. wheels components

»II. THE SPECIFICATION OF FOLDABLE TELESCOPIC HOIST

Item Model	Load capacity	Lifting height	Net weight	Motor
ST101	30kg	1.5M	13.5 kg	DC24V

» III. FOLDABLE TELESCOPIC HOIST OPERATING INSTRUCTION AND NOTE

1. When you unfold the hoist, unfold the support frame first so as to make the main wheels of the hoist and the castors of support frame in the same lever. Place the hoist on the flat ground.



(FIG 3)



(FIG 4)



(FIG 5)

Note:

- A. When you use the hoist, the ground should be flat and it can't be uneven. There shall be no sundries.
 - B. Both sides of the support frame should be unfolded to the correct position, otherwise, it will cause imbalance of the hoist.
2. After placing the hoist smoothly, pull out circular tubes one by one from the bottom up and unfold them to the correct positions fully.



(FIG 6)



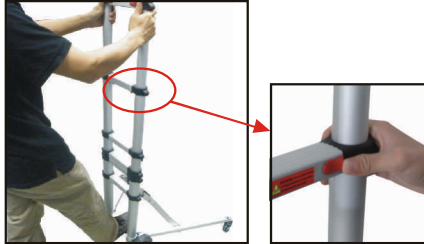
(FIG 7)



(FIG 8)



(FIG 9)

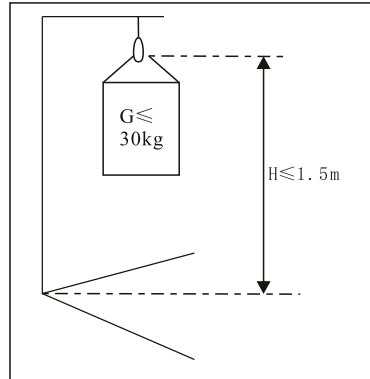


(FIG 10)

Note:

You must pull out each circular tube to the correct position fully (check if the push button is on the correct position; the outside of the push button almost [$\leq 0.5\text{mm}$] overlap with the side of pedal means the circular tubes are fully in the correct position), otherwise, it will cause serious damage to the hoist's structure and its safety performance is not guaranteed.

3. When you use the hoist, you need to identify the weight of the loading objects and how high you have to lift them. See (FIG 11)

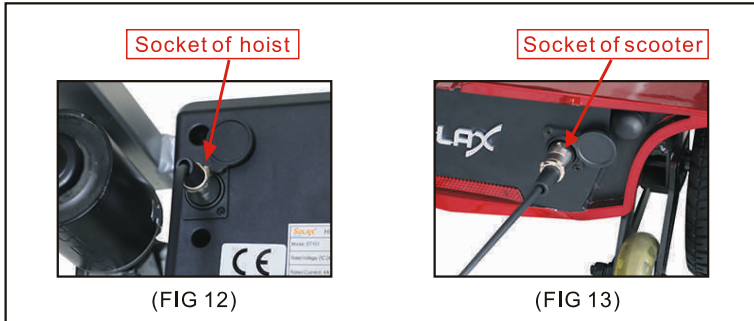


(FIG 11)

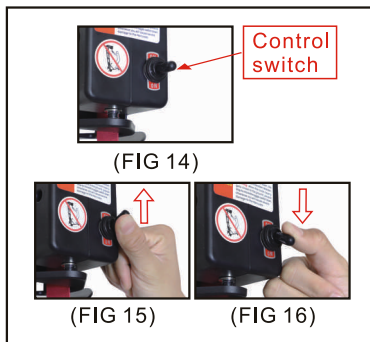
Note:

Don't operate the hoist with overload and avoid the overloading brings motor to work overtime. It will reduce the life time and safety of hoist.

4. Remaining strap must be wrapped around in the cylinder more than 3 circles, otherwise, it will cause potential danger.
5. Electric Connection: Insert any end of the power wire into the socket of hoist (FIG 12), then insert the other plug into the socket of the scooter (FIG 13). Make sure both plugs get full access then the electric connection is done.



6. The use of control switch:
Connect the power wire first, you can move the switch up to lift the scooter (FIG-15), or move the switch down (FIG-16), then the scooter will be in the down direction.



7. Adjust the height of hoist:
In the initial state of hoist (see FIG 17) you can adjust its height (see FIG 9) by pulling out all of the circular tubes to the correct position fully, and the hercules will be displayed as (FIG 21), or you can pull out any number of circular tubes to the correct position fully as (FIG 19, FIG 20).



(FIG 17)



(FIG 18)

Pull the first circular tubes to adjust the height



(FIG 19)

Pull the first circular tubes and the fourth circular tubes to adjust the height



(FIG 20)

Pull the first circular tubes and the third circular tubes to adjust the height



(FIG 21)

Pull all the circular tubes to adjust the height

8. When you fold the hoist, please press the push buttons towards inside direction and fold the the corresponding tubes of each section, then fold the support frame well. (FIG-26)



(FIG 22)

Push the button inward



(FIG 23)

Push the push button on the other side of the same pedal, at the same time, push the previous pedal

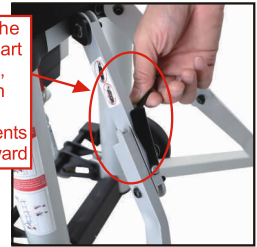


(FIG 24)

Adjacent pedals overlap



(FIG 25)



(FIG 26)

Unlock the locking part outward, and then fold the components here upward

NOTE:

- A. In order to prevent your fingers get injured, do not put your finger between the pedals or the joint of support frame when you are folding the hoist.
- B. Avoid the locking holes of aluminum tubes of hoist are broken, please make sure the push button in the right position, and fold the tubes with appropriate strength when you are folding the hoist.



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