



Apilifter

Operating Instructions

PURPOSE OF THE PRODUCT

The Apilifter is intended for transportation of beehives and their components with the convenience of loading and unloading. It is equipped with a universal clamp that allows you to work with all sizes and types of beehives.

Maximum weight it will lift 130kg

Lifting height 1000mm

Capture width from 340mm to 1100mm

Weight 25kg



Pic 1

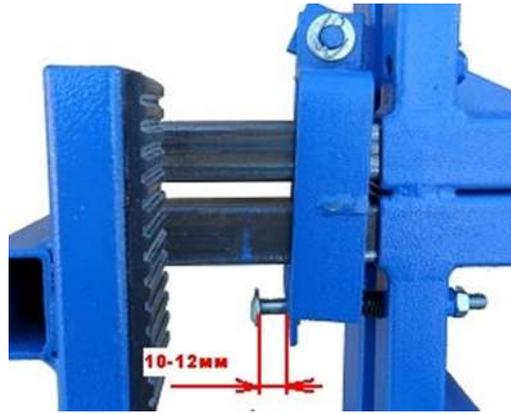
- | | |
|--|------------------------------|
| 1. Frame. | 2. Wheels. |
| 3. Hand winch coil. | 4. Holding Handles |
| 5. Hand winch wire. | 6. Clamp Lever. |
| 7. Carrage | 8. Right Hand Clamp. |
| 9. Guide Roller | 10. Removable Forks. |
| 11. Wheel mounting and adjustment bolts. | 12. Wheel Mounting Bolts. |
| 13. Hand winch Handle. | 14. Wheel mounting brackets. |
| 15. Wheel mountin support bracket. | 16. Left Clamp |

Thank you for purchasing the Apilifter, please read the instructions carefully, if there are any questions please contact us. The Apilifter should give you many years of use, it is advisable to lubricate all moving parts with a suitable lubricant, this will prevent rust and prolong the Apilifters life.

If the Apilifter has been delivered disassembled, it is necessary to first install the wheels as shown in Pic 2. To do this, place the wheels on the axel and fix with the nuts provided, secure the wheel mounting bolts (12) into the slots at the bottom of the frame and fix the tilt angle support as Pic2 and tighten as necessary.



Pic 2



Pic 3

The clamp arms need to be inserted into the clamp arm slots, care must be taken to ensure that the flat holding plates are facing the correct way inside the clamp mechanism, they are located inside where the clamp arms are inserted, they must be positioned flat on the clamping bars otherwise they will fail to hold.

The clamp mechanism is adjustable, and can be adjusted as per Pic 3. To do this, adjust the screw so that the gap between its head and the clamp bracket should be about 10-12mm (Pic 3) (a larger gap will create a stronger clamping force approximately 15mm), when adjusting the lever (6) must be in the lower position. To avoid damage. Be careful not to apply excessive force to the lever (6) when clamping a component or hive as this could result in damage.

The left clamp (16) is not adjustable. To change its position it is necessary to press the component clamp lever with one hand, and move with the other hand to the desired position.

Again if removed, the locking plates must be in the correct position to allow the clamping bar to hold.



Pic 4

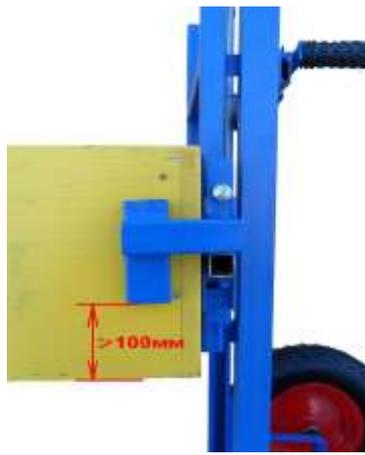
Before using the Apilifter, it is recommended to grease the bars with oil (except the clamp faces) this will extend the life of the cart and make your work easier.

ATTENTION! Before use, make sure all the clamps work properly.

Before you begin, the clamps must be moved to a position appropriate to the size of your hive or component. To hold the hive, it is necessary to raise the handle (6) to the top position, then pull the cart close to the back of the hive so that the left clamp is pressed against the left wall, keeping the cart in this position, press the right clamp to the right wall and use the lever (6) to move down to clamp hold of the hive.



Pic 5



Pic 6



Pic 7

The height of the clamps should be located above the lower edge of the hive (housing) not less than 100 - 150mm. without excessive effort pic. 5. pic. 6, this will provide more secure retention.

Lift the hive with the winch handle (13) to the desired height and lock the handle (13) as necessary.

SAFETY RULES

When using the Apilifter care must be taken not to hold the frame as injury could occur from its moving parts (pic. 7)

It is necessary to carefully monitor the lifting cables condition , and if it is damaged, replace it immediately. A replacement cable of a thickness 2.0 to 2.6 mm is required.

WARRANTY

The Warranty period is 12 months from the date of sale. This means that in the event of a fault we will repair replace as necessary, taking into account delivery on both sides. Otherwise, repair and delivery is at the expense of the buyer.

The warranty does not cover rubber parts tyres etc. The lifting Cable, mis-use, other than its intended use. Malicious damage. Wear and Tare.

Thank you for purchasing The Apilifter.

www.oldcastlefarmhives.com