

## BASKET LIFTING CRANES

**ELEV-CLAV & ELEV-CLAV-R**

DESIGNED FOR A SAFE AND EASY  
MANIPULATION OF HEAVY LOADS

ACCESSORIES



# Basket lifting cranes

## ELEV-CLAV & ELEV-CLAV-R



### APPLICATION

- + **ALLOWS SAFE AND EASY HANDLING OF HEAVY LOADS IN AND OUT OF AUTOCLAVES**

### Features

- Easy to use.
- Elevator device with hoist system featuring high lifting power.
- With swiveling support.
- It can be factory fitted or retrofitted.\*
- Two models of basket lifting cranes available:
  - **ELEV-CLAV**: suitable for 79L and 115L vertical autoclaves.
  - **ELEV-CLAV-R**: a reinforced model suitable for 115L and 175L vertical autoclaves.

### Operation

- Use the remote control to raise and lower the basket holder hook, depending on whether the upper or lower part of the push-button is pressed. The remote control also includes an emergency stop button.
- Once the basket is filled, attach the hook to the central part of the handle using the supplied basket holder.
- Raise the basket to the required height, then move the swiveling arm, using the swiveling lever, so the basket is positioned directly above the autoclave sterilization chamber.

### Safety

- Emergency stop button.
- Engine with self-braking system.
- For safety, the electrical installation should have a ground connection.

\*The larger models, 115L and 175L, include a special factory adaptation to allow for the later installation of the crane. For the other compatible models, this adaptation must be requested separately.

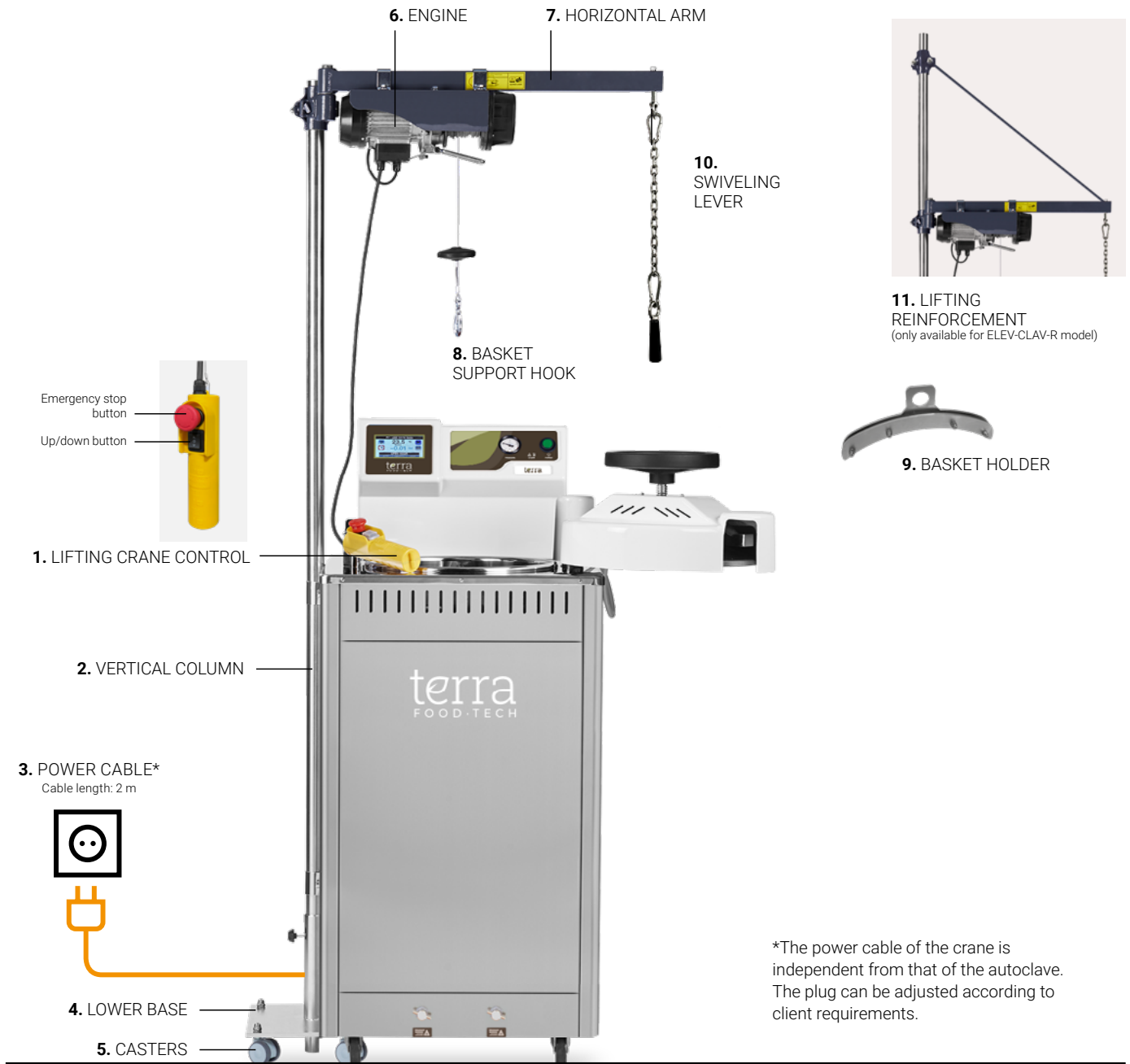


Read the specific basket lifting crane manual before installing this accessory.

# Basket lifting cranes

## ELEV-CLAV & ELEV-CLAV-R

### Basket lifting crane description



#### IMPORTANT:

Each crane is factory set to the specific measurements of the autoclave with which it is installed. Should the installation take place after purchasing the autoclave, please contact our technical support team.

# Basket lifting cranes

## ELEV-CLAV & ELEV-CLAV-R

### 5-steps installation

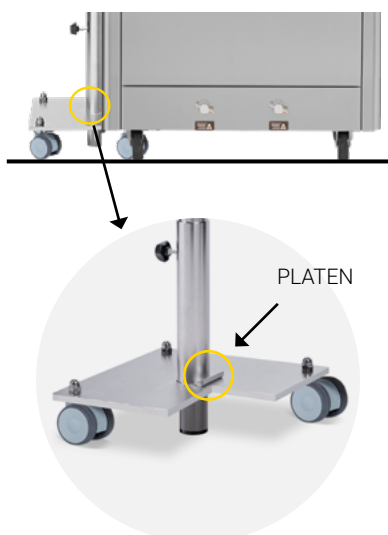
#### STEP 1

Place your autoclave to the selected working site and be sure to place it on a stable surface.

You should also ensure the autoclave has the necessary boreholes on its left side to install the baskets crane. The height and distribution of these holes is factory set according to the specific purchased autoclave model.

After performing all the previous steps, install the lower support by embedding the platen into the autoclave base, in order to fasten the support into the furniture. The height of the crane's lower base is factory-set according to the specific autoclave model purchased.

This operation requires lifting the autoclave laterally a little to introduce the platen beneath.



#### STEP 2

Insert the vertical column and tighten the indicated screw to fasten the column.



#### STEP 3

Fasten the vertical column to the autoclave bodywork using the included metal locking plate and screws.



# Basket lifting cranes

## ELEV-CLAV & ELEV-CLAV-R

### STEP 4

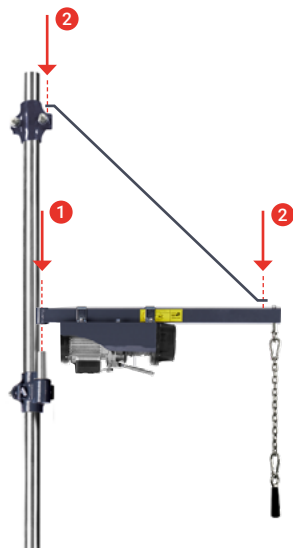
#### ELEV-CLAV model

Install the horizontal arm with the engine.



#### ELEV-CLAV-R model

First, install the horizontal arm with the engine (1).  
Then, screw the reinforcement bar (2).



### STEP 5

Once mounted, place the basket on the hook and ensure that it moves vertically in and out of the autoclave.



Check the specific manual for the baskets crane before installing this accessory.



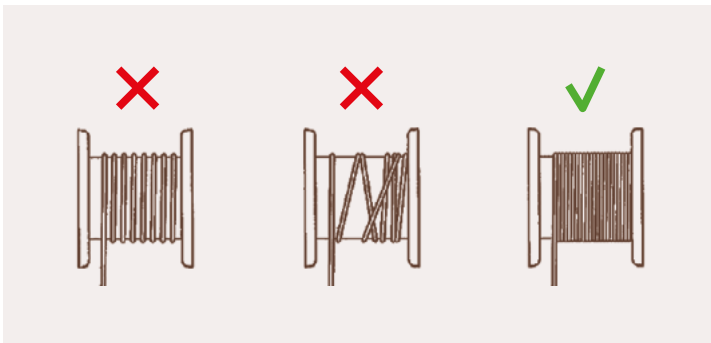
# Basket lifting cranes

## ELEV-CLAV & ELEV-CLAV-R

### Maintenance

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1. Periodically check the steel wire to ensure it is in good condition.
2. Check whether the fastening bolts of brackets and the reducer are tightened properly.
3. Check the condition and tightness of the nuts on the steel wire clamps.
4. Periodically check the proper operation of the engine stop switch.
5. Check pulley to verify wear and tear.
6. Make sure all moving parts are properly lubricated and oiled. **Important suggestion:** do not lubricate the stressed wire.
7. Verify the steel wire is properly rolled up:



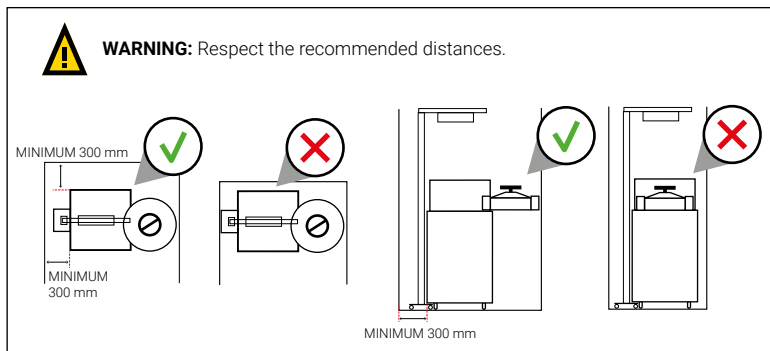
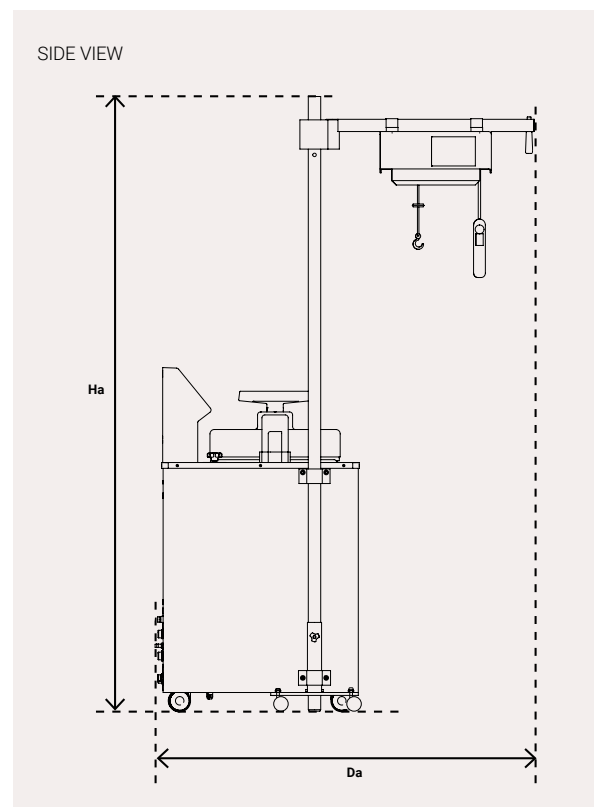
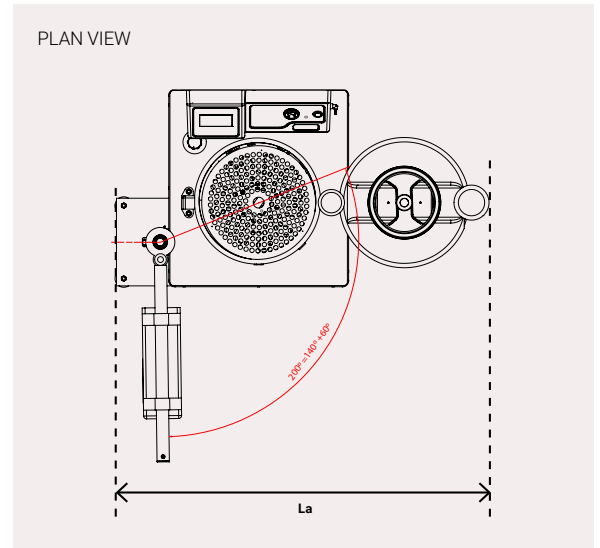
# Basket lifting cranes

## ELEV-CLAV & ELEV-CLAV-R

### Technical specifications

In order to securely handle fully-loaded autoclave baskets, we recommend the purchase of our baskets crane with a revolving arm. There are two models available: ELEV-CLAV for heavy loads up to 30 kg, or ELEV-CLAV-R for very heavy loads up to 40 kg.

References	ELEV-CLAV	ELEV-CLAV-R	
Dimensions L x D x H mm	800 x 300 x 2100	800 x 300 x 2600	
Power W	480	480	
Voltage V	230	230	
Frequency Hz	50/60	50/60	
Weight Kg	40	45	
Max. load Kg	30	40	
For autoclaves with the following chamber volumes	79L	✓	-
	115L	✓	✓
	175L	-	✓
Dimensions of the basket lifting cranes + the autoclave assembly La x Da x Ha mm	79L	1276 x 1296 x 2100	-
	115L	1276 x 1296 x 2100	1276 x 1296 x 2600
	175L	-	1543 x 1536 x 2600



+ info

YouTube



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