



# DURA BIKE LOCKER™

A DIVISION OF HANNAN SPECIALTIES

Made In The Usa

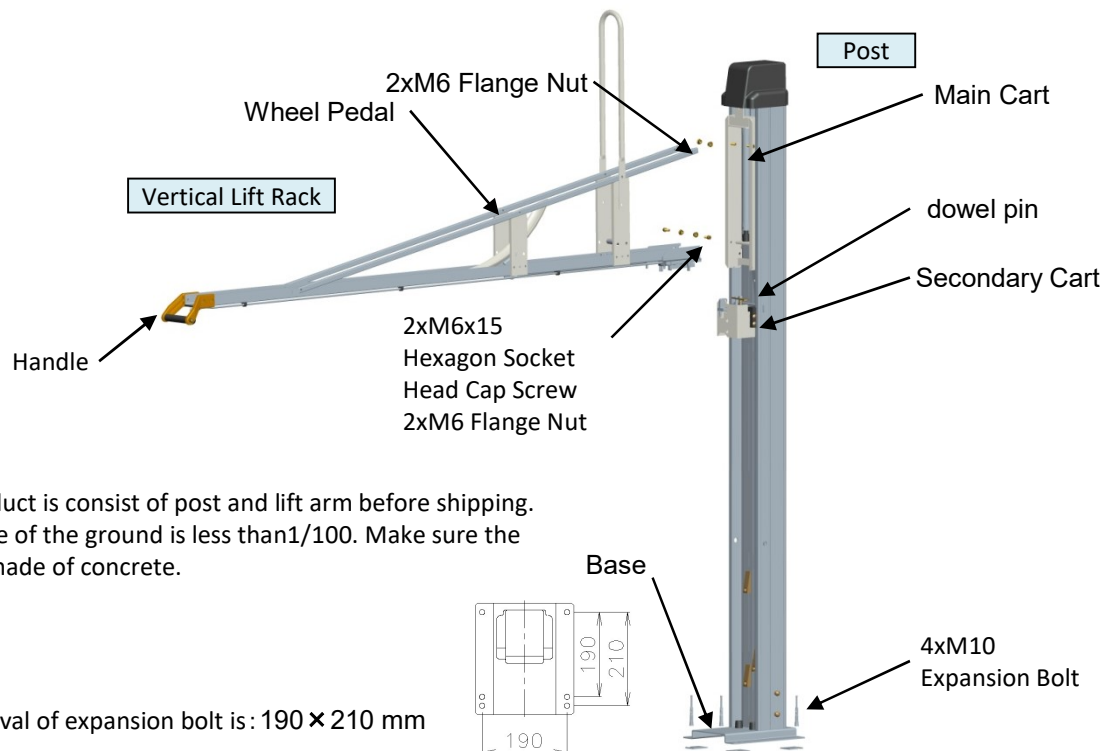
## UX21

### Vertical Lift Bike Rack

#### Installation Instructions

### L1 Lift Assist

#### Name of part



- ※The product is consist of post and lift arm before shipping.
- ※The slope of the ground is less than 1/100. Make sure the ground is made of concrete.

※The interval of expansion bolt is: 190 × 210 mm

#### Installation Tools

10mm outer-hexagonal wrench, 5mm internal hexagonal wrench, level gauge etc.  
( $\phi$  10.5mm drill diameter 14mm outer-hexagonal wrench)

### 1. Preparation for installation of post and lift arm

- ① Installation of column  
Install the column.



Shipping Status



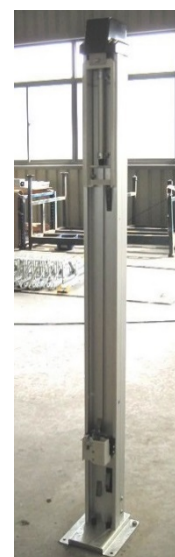
Notice:  
Use level gauge to adjust perpendicularity.

- ② Installation of lift arm  
Pull out dowel pin when the secondary cart descend to the stop plate.



Press it hardly (about 17 kg)

Warning!  
The trolley will go up rapidly if loosen the hands on half way. It is dangerous.



## 2. Installation of lift arm

### ③ Installation for steel bar



Remove the screw that mounted on aluminium rod. Raise the steel tube.



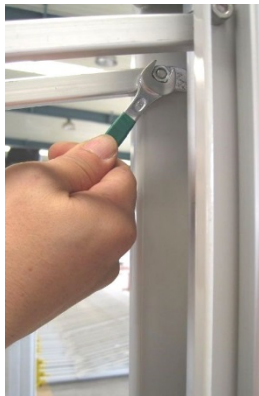
Screw down M6x15 screws with M6 nuts.

### ④ Installation for lift arm

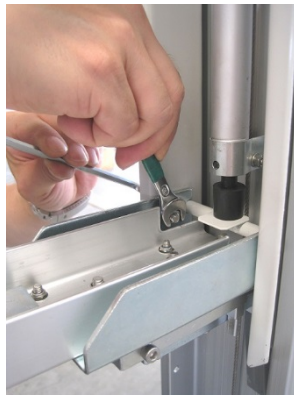


Insert the aluminium bars into the screws.

### ⑤ Tighten the screws with nuts.

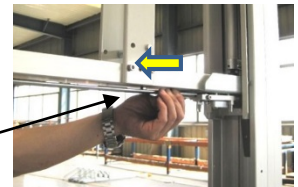


Tighten M6 nuts with a wrench.



Screw down M6x15 screws with M6 nuts.

### ⑥ Suspend terminate



Pull back the rod.

### ⑦ Press the lift arm to the bottom



The lift arm will become heavy after it touches the secondary cart.



Keep pressing the lift arm

### ⑧ ARS type: The lift arm will go up automatically after pressing the handle.



Press the handle



# UX21

## Horizontal Slide Bottom Racks

### Installation Instructions

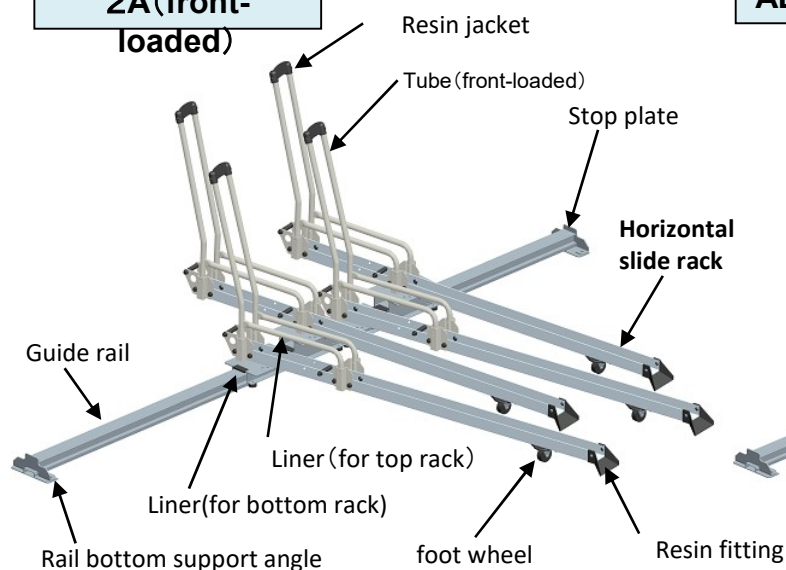
## L3 Lower Unit

### Two types of UX21-2A(front-loaded) and ATG-AB(front/back-loaded)

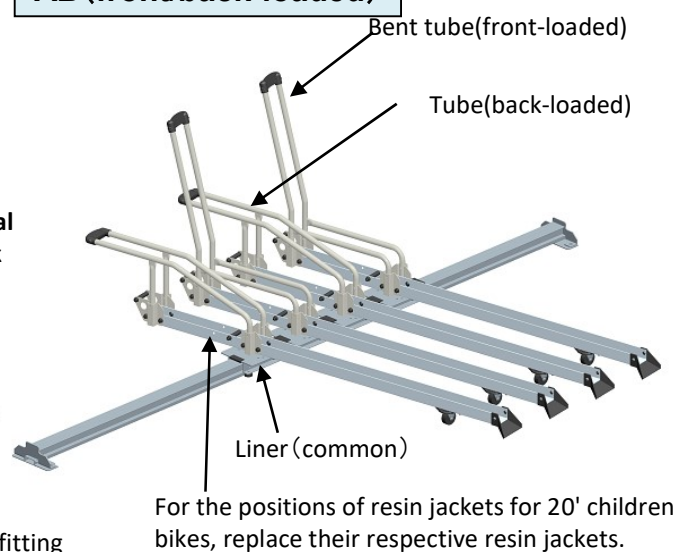
1. Please confirm the number of racks deflected to left or right.
2. Please confirm the deflected angle of 10,30 or 45 degree.

#### Name of part

#### 2A(front-loaded)



#### AB (front/back-loaded)

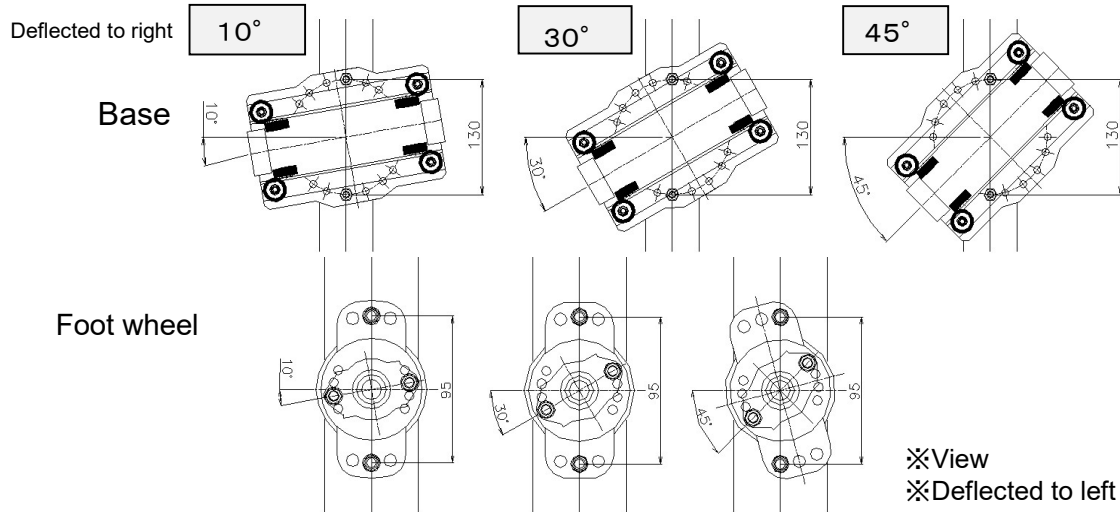


※Ground conditions: concrete ground within 10/1500mm

#### Tools

Hexagon open wrench Ø13mm, allen wrench Ø5mm, leveling instrument, etc (expansion screwdriver Ø10.5mm, hex wrench Ø14mm)

### 1. Confirm the deflected angle, specifications of racks deflected to left or right.

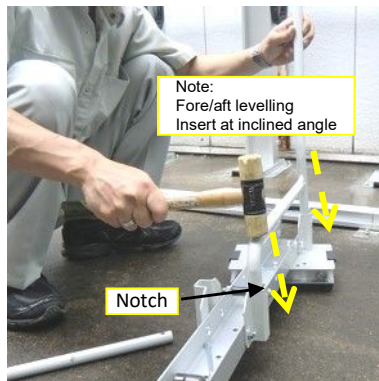


- ※In order to avoid base roller damages, take care during the installation.
- ※Shipped as per the ratio of 1:1 (backing plate and bottom support angle)
- ※Add the backing plates (charged) in advance in case of serious rough ground.



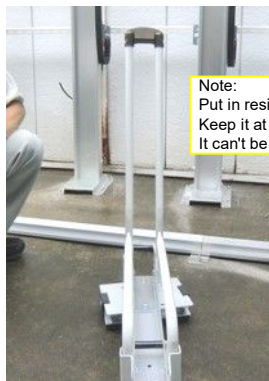
## 2. Installation of bent tubes

①Insert a bent tube.



Make the bent tube fore-and aft- level.  
Insert it inclinedly for tightening.  
Place one side of base to bottom by hitting it.  
Put its other side in the same position as notch.

②Put in resin jacket.



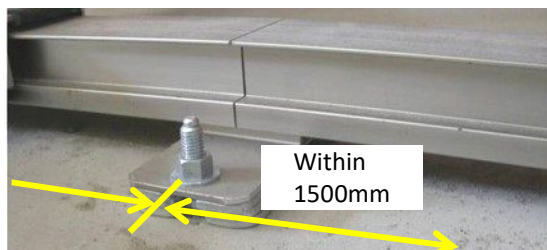
③Attach the screws and nuts.



Inner hexagon screws M6x100  
nuts M6, gaskets

## 3. Machining of horizontal guide rails

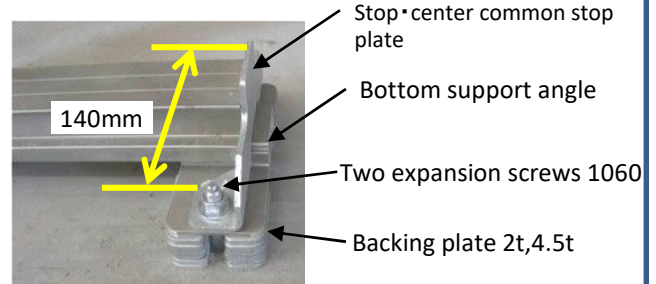
④Cut off the horizontal guide rail.



Note: Within 1500mm installation spacing between the bottom support angles

## 4. Accessories required for horizontal guide rails

⑤Accessories required for horizontal guide rails

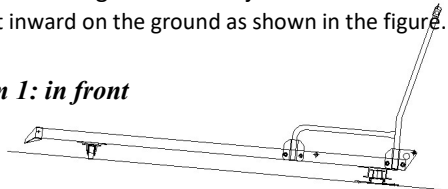


## 5. Installation of horizontal guide rails

⑥Install the guide rails as per the layout. Adopt a leveling instrument, etc to find out its levelness, and use a backing plate if necessary.

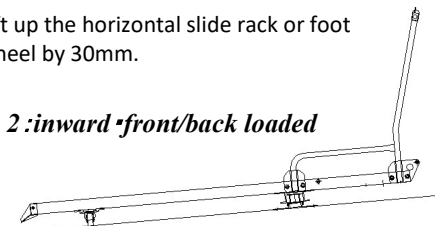
※Take care during levelness adjustment  
Install it inward on the ground as shown in the figure.

**Confirm 1: in front**



Lift up the horizontal slide rack or foot wheel by 30mm.

**Confirm 2 :inward •front/back loaded**



Lower the lifted horizontal slide rack, and don't place the foot wheel forcibly on the ground.

⑦Insert the horizontal slide rack into horizontal guide rail, and then install the stop plate.



Confirm whether the base can slide freely.  
Place the foot wheels on the ground, and move them to left or right.