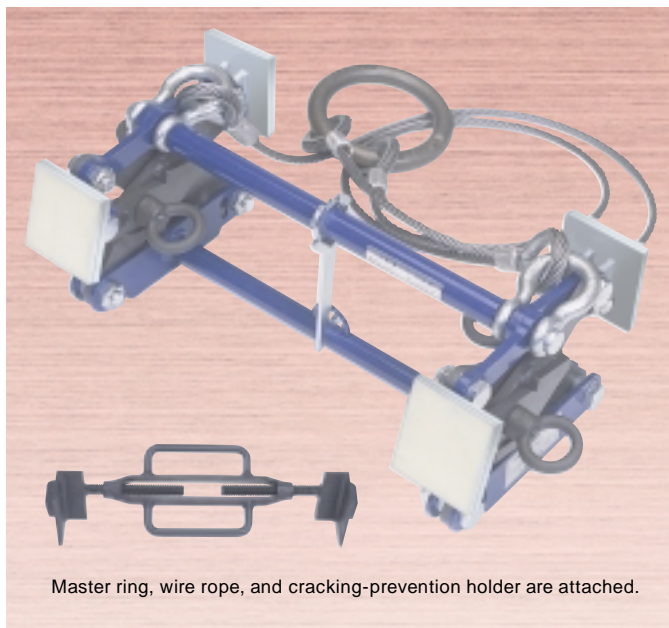




INTERNAL EXPANDING LIFTING CLAMP

for U-shaped concrete gutters (Non-marring type) PAT.



Master ring, wire rope, and cracking-prevention holder are attached.

BUC 240

Clamp dedicated for lifting JIS reinforced-concrete U-shaped Gutter/ JIS fallen-lid type U-shaped Gutter(300A only for nominal 300)/Information box U-shaped Gutter (Capacity adjustable)

FEATURES

Holder for preventing the cracking of U-shaped gutter attached. (Never fail to use this together with the Unit.)

2-stepped adjustment of clamping range

The clamping unit does not touch on the line from the operator side to the master ring, and there is no more need of space than is necessary at the outside of the gutter.

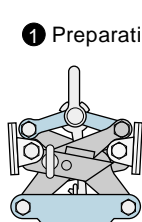
Durable polyurethane rubber is attached on the pad portions so as not to damage the interior of the U-shaped gutter.

Changeover to unlocking can be made easily by one-touch control of the stopper.

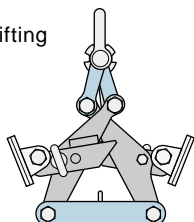
Applicable types of works are: JIS U-shaped Gutter 240, 300A/B/C and JIS Fallen-Lid-Type 250 and 300A, which shall be up to 2m in length.

How to use

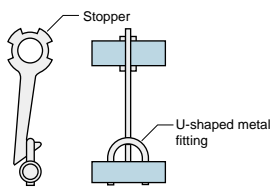
① Preparation for lifting



Under the released status



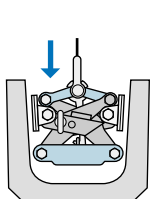
Not under the released status



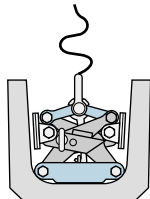
Ensure that the U-shaped metal fitting is securely hooked.

Check to see if the clamp is under the released condition as shown in the figure above by lifting the clamp. If not, hook the stopper on the U-shaped metal fitting and lift the clamp again to see the desired condition.

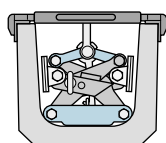
② Setting into the U-shaped gutter



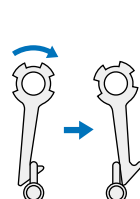
Slowly lower the clamp under the released condition to the bottom of the gutter.



Ensure that the wire rope is perfectly loosened.



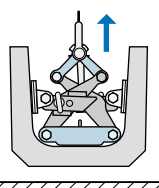
Set the cracking prevention holder.



Detach the stopper from the U-shaped metal fitting.

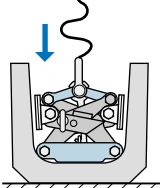
Move the clamp under the released condition to the top of the U-shaped gutter, and then lower the clamp to the bottom till the wire rope is loosened. Next, set the cracking prevention holder just beside the clamp. Here, rotate the knob of the holder unit so as to make its arms fastly hold the U-shaped gutter. And then, detach the stopper from the U-shaped metal fitting. Now, you can lift the work.

③ Lifting



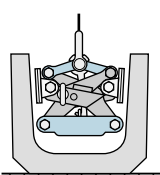
When the clamp is lifted, it is automatically fastened on to the walls. When you winch up the wire rope, the U-shaped gutter is fastly clamped and can be securely lifted.

④ Moving and landing



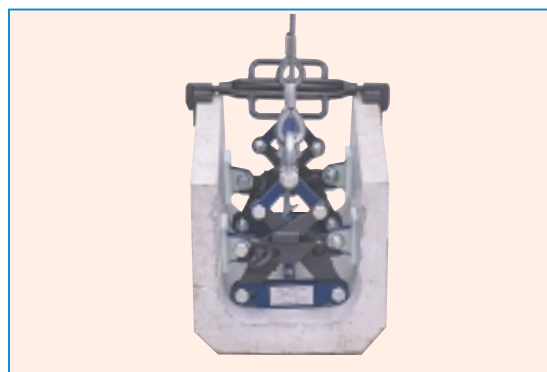
After moving the U-shaped gutter to a destination and confirming that it is not swinging to and fro, winch down the wire rope till it is completely loosened.

⑤ Releasing



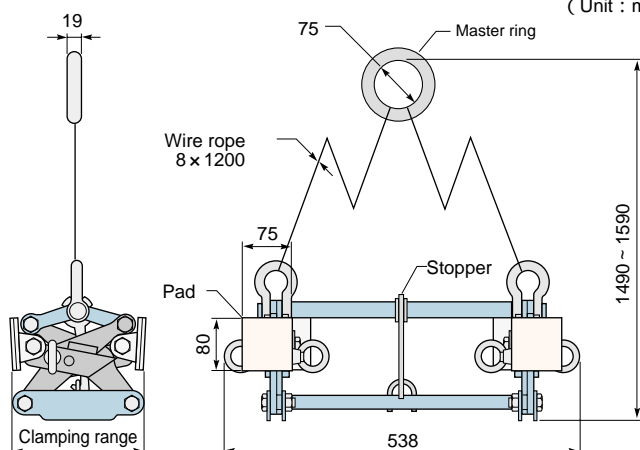
If you flit up the clamp again with the stopper hooked on the U-shaped metal fitting, the clamp will be under the released condition, and so you can move the clamp alone to another destination.

EXAMPLES OF USE

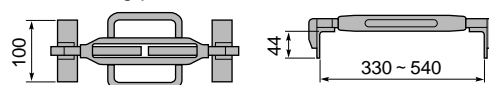


⚠ For longer gutters, never fail to use a balancer and lift the gutter at two points.

(Unit : mm)



Cracking prevention holder



SPECIFICATIONS

Item No.	Rated capacity (kg)	Clamping range (mm)	Weight (kg)	Remarks
BUC 240	500	1st stage: 220 ~ 240 2nd stage: 260 ~ 290	12	