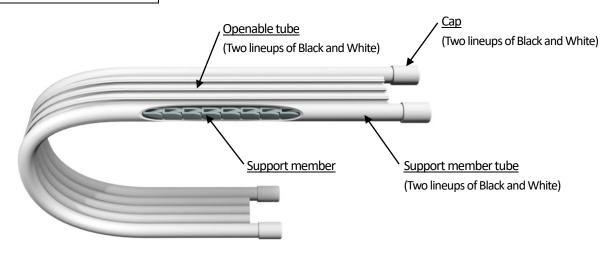


Tsubaki Instruction Manual FLATVEYOR ZP Type

Caution: Always wear the appropriate protective gear (safety glasses, gloves, safety shoes, etc.) when working.

1 Construction • Part name



2 **Precautions**

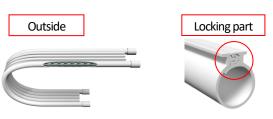
Since welded ends tend to peel off in the tearing direction, do not allow forces in the tearing direction to work on the welded ends.

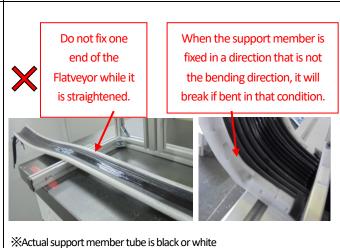
Please handle cables and tubes with care when wiring or installing them in equipment.



Be sure to fix the device in a bent position with the locking part facing the outside.

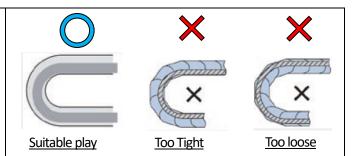
Fixing one end (fixed or moving end) to the device while the Flatveyor is straightened may cause the support member to be fixed in the not bending direction. Bending in this condition could damage the support member.





When fixing the cable/tube, make sure to provide a suitable amount of play.

Otherwise, the openable tube could tear, or the locking part may open.



Do not fix the cable/tube inside the openable tube with a cable tie.

It could tear the openable tube.

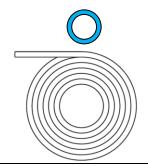


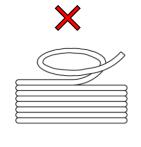
Refer to the table on the right for the cable/tube to be installed in the openable tube.

When multiple cables/tubes are to be installed, the difference in outer diameter should be 5 mm or less.

Number of cables/tubes stored		
1 pc	2 pcs	3 pcs
ф11 or less	side-by-side	ф4 or less and
	13mm or less	3 pcs or less

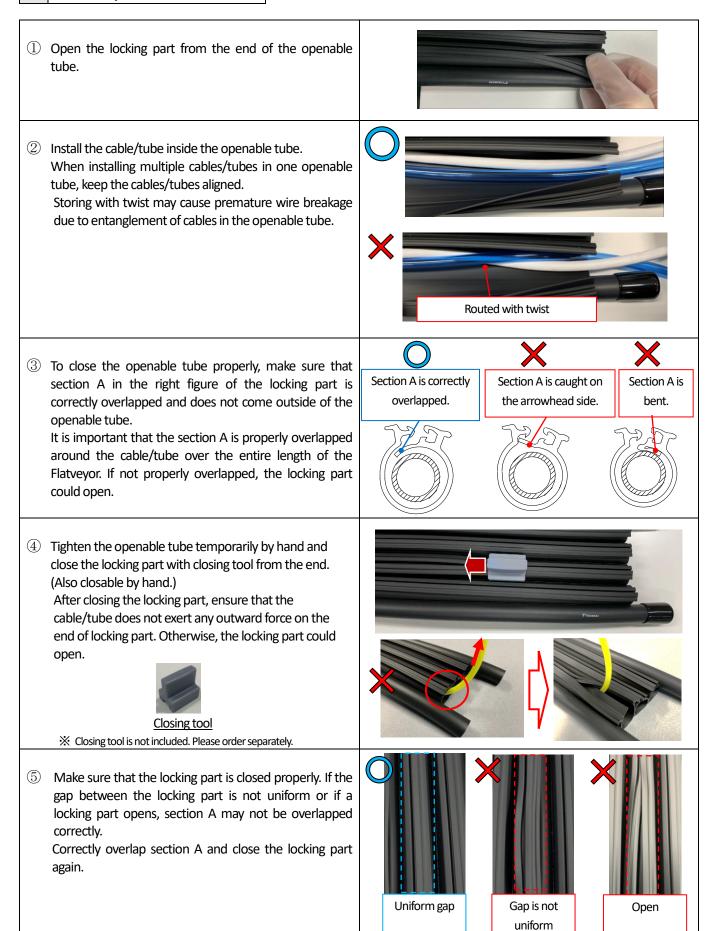
The Flatveyor may tilt due to the carling of the cable/tube. Cable/tube should be routed without twisting. Do not pull the cable/tube out from the drum or coil in a spiral pattern because this will cause the cable/tube to be routed with a twist.





- ■Use cables/tubes that are flexible, repeatedly bendable, durable, and slippery.
- ■For installation of cables/tubes, ensure that the cable weight is symmetrically distributed across the width of the Flatveyor.
- ■Please remove any inclusions on the floor or operating area where the Flatveyor is installed, as they may cause damage.
- ■Do not install any object on the inner side of the Flatveyor that may contact it.
- ■Periodically check that the locking part of the openable tube is not open, that there are no inclusions that could damage on the floor or operating area where the Flatveyor is installed, and that the cable/tube is not pulled into the openable tube. If any abnormality is found during the inspection, maintenance should be performed.

3 Cable/tube installation



4 Installation procedure

When installing, mount the clamp in the position indicated in our drawing or catalogs

