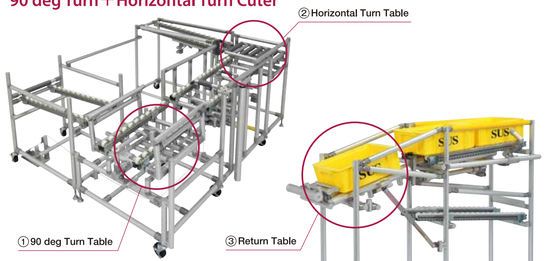
Sample Application

90 deg Turn＋Horizontal Turn Cuter

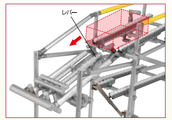


Return Chuter

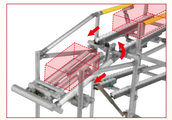
③Return Table

This table carries a container from upper rail to lower rail.
Tis is good when you want to reduce the space.

1 Lift up the table after container is discharged.

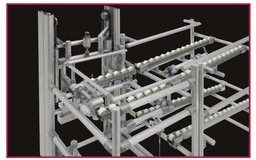


2 When the table pushes container separate stopper and the stopper is released, and the next container comes on the table.



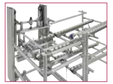
3 After the container comes on the table completely, the table tilts and the stopper turns back(The stopper works again).

Karakuri Elevator Module

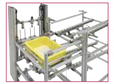


⑦Elevator Table (Roller attach Type)

It can carry container from upper rail to lower rail.
When container comes on the table,
it goes down with keeping horizontal condition.

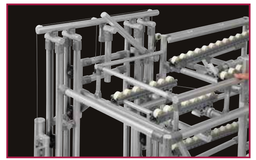


1 When there is no container on the table,it stayes at the upper rail.



2 When container comes on the table,it goes down horizontally.

3 When it goes down completely, it tilts a little and discharges container.
After container is discharged, it goes up again.



⑧Elevator Table (Slot Roller L40 light)

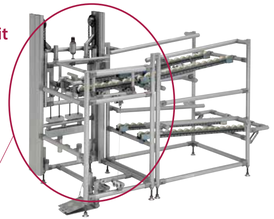
This is elevator guide using Green Frame L Slot and Slot Roller L 40 Light.

1 Table doesn't go down because of the weights attached to the guide.

2 When container comes on the table, slot roller betweeen L Slot frames goes down and the table goes down with it.

3 When container is discharged from the table, Slot roller and table go up because of the weights attached to the guide.

Elevator (weight) unit



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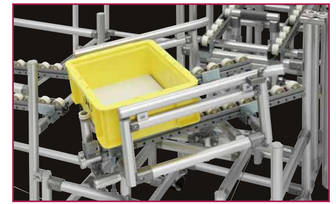
FA1300-E-0000(1)

SUS

GF *Green Frame*

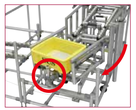
Karakuri Turn Module



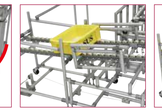
①90 deg Turn Table

The table turns 90 degree.
This is good when you don't want to change the direction of container.

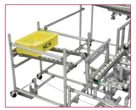
1 Turn table doesn't move because the weights pulling the table.



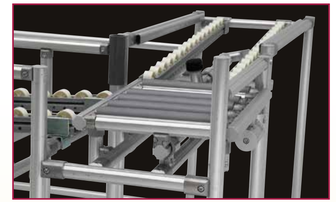
2 When container comes on the table, it starts to turn because of the weights of container. Stopper works while table is turning, and container doesn't move forward.



3 When the table finish turning, stopper is released and container moves forward.

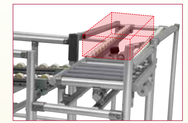


4 After container is discharged, the table turns back because of the weights.

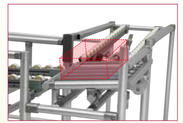


②Horizontal Turn Table

This table leans when a container comes on it.
This is good when you want to change the direction of container.



1 When there is no container on the table, the level of the table is the same as upper Corocon.



2 When container comes on the table, it tilts to the lower Corocon because the rotation axis is attached to upper Corocon side.
After container is discharged, it returns to the original position.

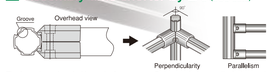
GF-series aluminum

GF-series aluminum frames and resin-coated steel frames

1 Environment

- Great recyclability
- While resin-coated steel frames are difficult to reuse, GF-series aluminum frames achieve a superb recyclability.

2 Assembly time shorter by 2/3 (SUS data)

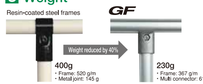


The frame is equipped with a pair of grooves in each of the four directions. A connector can fit in the grooves with use of a single bolt.

Degree of perpendicularity and parallelism is apparent with use of grooves facing the four directions.

Connectors fit in with a bolt allow for easy assembly and disassembly

3 Weight



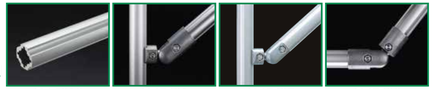
4 Aesthetic

Alumite treatment allows for "maintenance-free", excellent appearance that lasts for long.

Resin-coated steel pipes

Resin-coating causes resin deterioration and dust generation

N GF FRAMES & PARTS SERIES External diameter 28mm



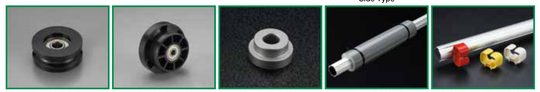
GFF-019 Green Frame Hard | GFJ-B01 Free Connector Outer Type V-M | GFJ-B07 Free Connector Inner Type V-M | GFJ-B00 Free Connector Outer Type H-F

GFJ-B04 Free Connector Outer Type H-F | GFJ-A81 Free Connector Outer Type H-M | GFJ-B06 Free Connector Outer Type H-M | GFJ-B08 Cross Connector Rotate | GFJ-A94 Rotary Connector

GFJ-A61 Hinge Connector Stopper Hard | GFJ-B28/B29 Slide Connector / L | GFJ-B30 Linear Bush | GFK-N05 Anti-back for Conveyor | GFK-N06 Elevator Lock

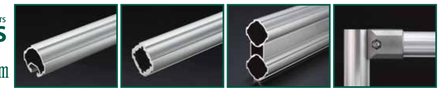
GFJ-B10 Spring Post Connector | GFC-046 Aluminium Corocon | GFC-022 Corocon Wide Type | GFC-A09 Aluminium Roller Corocon | GFC-229 Aluminium Corocon Hook

GFC-218 Corocon Wide Hook | GFA-412 Inner Cap Hard | GFA-414 Metallic Cap | GFJ-B09/B18 Connector Piece Compact / Side Type | GFW-263 48 ϕ Idler



GFW-239 Steel Idler | SFA-809 Slot Roller L40 Light | GFA-A29 Spacer for Bearing | GFA-819 Frame Cushion | C1R-G3C/G2C Cable Ring Medium / Small

G GF FRAMES & PARTS SERIES External diameter 43mm



GFF-205 Green Frame G L Slot | GFF-209 Green Frame G Hard | GFF-207 Green Frame G W | GFJ-022 Multi Connector Outer Type G-N

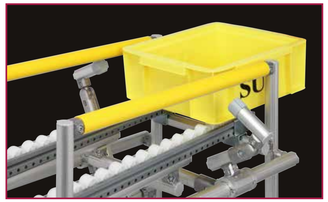
GFJ-224 Multi Connector Inner Type G-N | GFJ-028/031 Multi Connector Outer Type GM/GH | GFJ-228 Multi Connector Inner Type G | GFJ-024 45 degree Connector Outer Type G | GFA-409 GF-G L Slot Cap

S GF FRAMES & PARTS SERIES External diameter 19mm

GFF-401 Green Frame S SS Slot | GFJ-A72 Point Connector S | GFJ-A55 Double Connector S | GFA-815G Panel Hold S

GFJ-A62 Plate Connector S | GFJ-A64 Hinge Connector S | GFJ-A67 Hinge Connector Stopper S | GFA-813G Frame Guard S | GFA-A32 Ring Runner S

Karakuri Separate Stopper Module



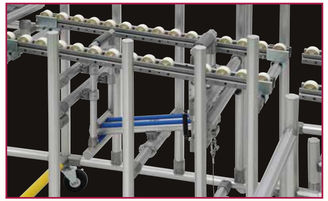
④ Container Separate Stopper (Both Sides)

This is a stopper for container. Stoppers on both sides nip container.
It is useful when there is no spacebetween containers.

1 When other container is on the table. Behind stoppers are open condition.

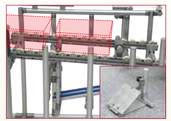
2 When front stopper revolves, container goes on the table. When front container is runnning, behind stoppers nip the behind containers.

3 When front container is completely on the table, behind stoppers open and the next container goes in front of front stopper.

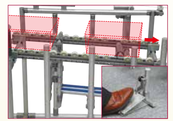


⑤ Container Separate Stopper (Seesaw)

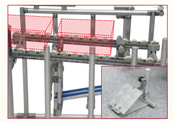
This is a stopper to separate containers.
You can control the stopper with foot pedal.



1 When you don't step on the foot pedal. front stopper goes up and behind stopper goes down.(Only front stopper is working)

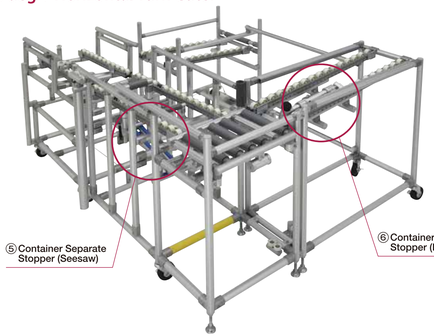


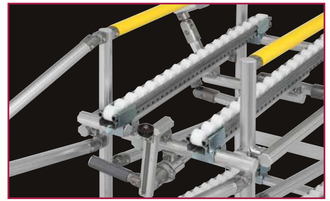
2 When you step on the foot pedal. front stopper goes up and behind stopper goes down.(Only behind stopper is working)



3 When you steps down from foot pedal. behind stopper goes up again.

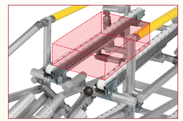
90 deg＋Horizontal Turn Cuter



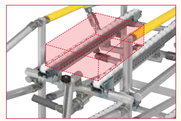


⑥ Container Separate Stopper (Revolve type)

The usage is the same as other container separate stoppers, but it doesn't need pedal, it starts to work when table comes up.



1 When table comes up, table pushes stopper and front stopper is released. Meanwhile, behind stopper is working.



2 When container comes on the table and table tilts, front stopper is locked and behind stoppers released.
(It means the next container goes in front of front stopper.)