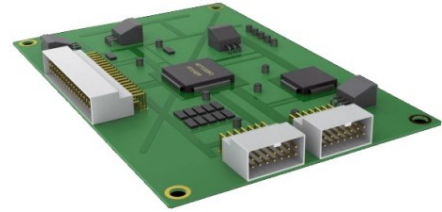


For sure, more delicate.

In-line type Connector screwdriving robot

More sensitive process for screw tightening by thrust control of servo motor.



Features

Smooth handing for multiproduct

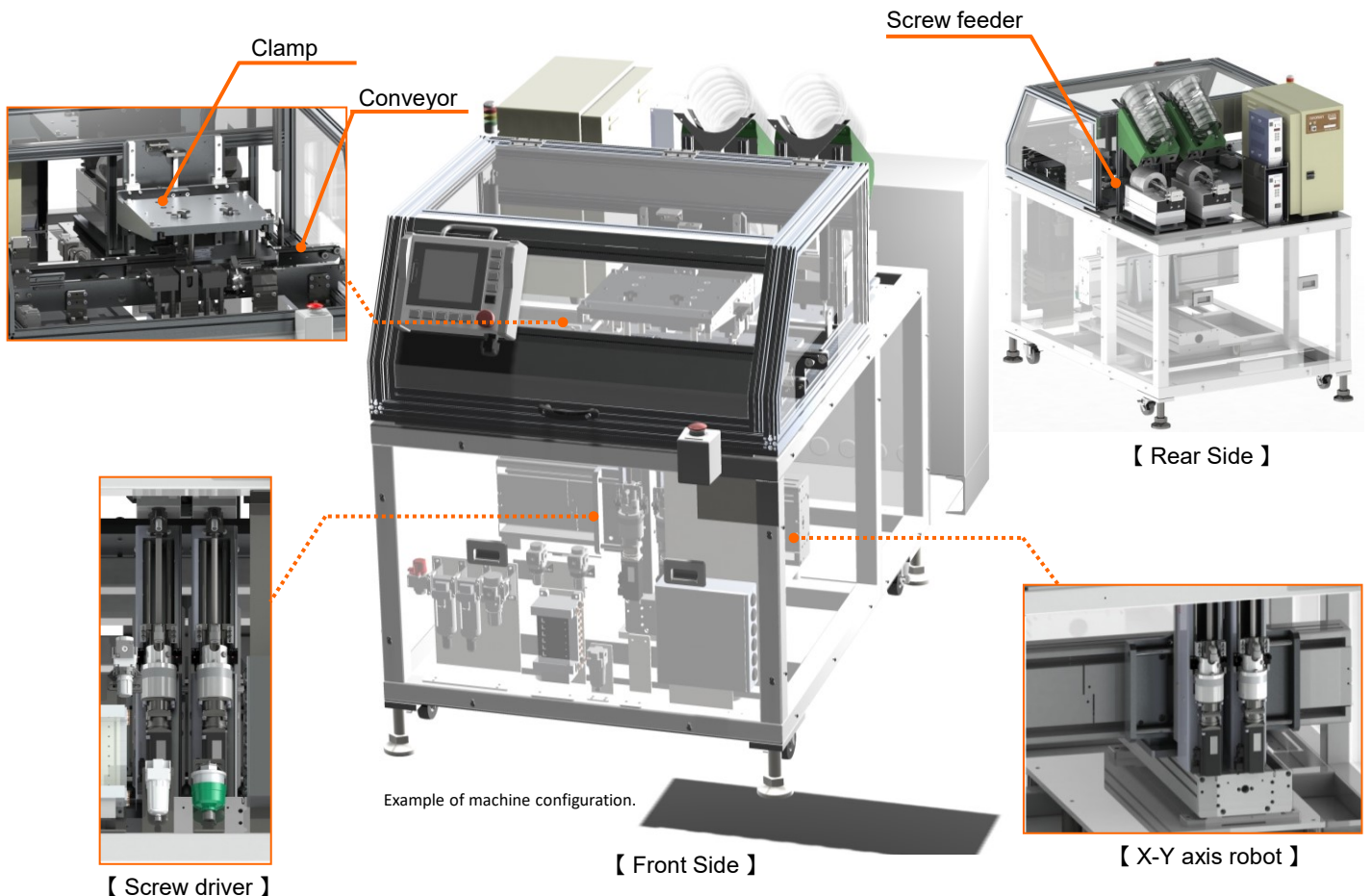
- Maximum 40 tightening points per one board (one program), and maximum 100 programs are available. Also easy changeover.
- Adjustable width of conveyor to fit on board size from 50mm to 250mm.

Less production time, High productivity

- Less production time by twin tightening.
- Run various type of products is available by changeover of jig. *In case of same screw.
- Adjustable conveyor speed by easy operation.

High quality screw tightening

- Less damage and scratch, Less tightening fault, by thrust control of servo motor.
- Settable tightening torque and rotational speed by easy operation.
- Antistatic specification of screw driver.
- Ionizer is equipped in standard specification.



In-line type Connector screwdriving robot

Specifications

Applicable size of board	W: 50 - 250mm, L: 50 - 330mm
Screw pitch variable range	30 - 150mm
Applicable screw size *1 *2	Nominal size: 2 - 5mm
Setup torque range *3	0.3 - 3 N·m
Cycle time *4	appx.3sec/point (incl.moving time)
Number of models	100 models (40 points for each)
Equipment weight *5	appx.470Kg
Main control box dimension and weight	W: 900mm D: 250mm H: 850mm Weight: 70Kg
Power supply	Single phase AC200 - 230V 50/60Hz
Air pressure	0.4~0.5MPa

※ Reference cycle time : 30seconds per board with 16 points tightening.(From loading to unloading)

*1 Products will be built up based on specification of screws, therefore it can be used for one kind of screws only.

*2 Application range of screws will be changed by type of screw head, or size. Please contact us to make sure for it.

*3 The type of driver varies depending on target torque.

*4 Cycle time will be change by tightening condition.

*5 Weight will be changed by stroke, or type of driver. Please contact us to make sure for it.

*6 Main control box is placed separately.

Tool unit

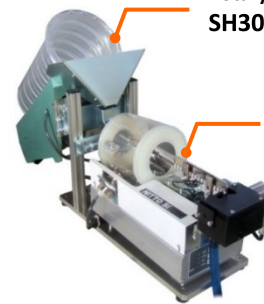
Single-spindle automatic screwdriver unit
FM513VZ



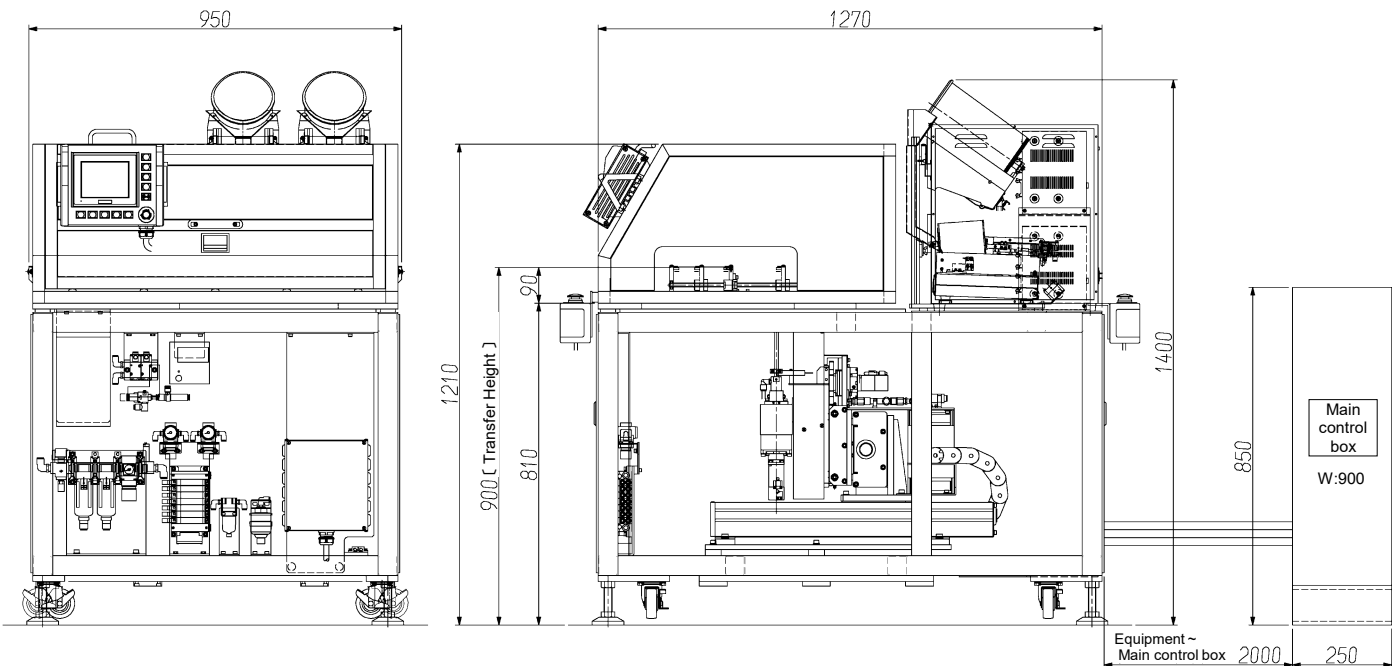
Screw feeder

Rotary drum type auxiliary hopper
SH300

Compact drum type screw Feed
FF311DR



Outside dimension drawing (mm)



NITTOSEIKO CO.,LTD.

Assembly Machine Division / Shiroyama Plant
Global Sales Section

2, Shiroyama, Ayabe city, Kyoto 623-0003, Japan
Telephone / +81-773-42-1290 Fax / +81-773-45-3680
URL : <https://www.nittoseiko.co.jp/en.html>



● Specifications and other matters are subject to modifications for performance improvements without notice.
● Unique nouns like the product name indicated in this brochure are registered or not registered trademark of each company.