

Buffer Rail System

SONIC-RAIL SONIC-AUTO

High Productivity

High Precision



High Productivity

Constant and stable feeding lead to the high-level productivity

The Buffer Rail System supports to eliminate the unevenness and idling of the operation and maintain the productivity at the higher level.



● Buffer Rail System

SONIC-RAIL is the Rail Buffer System to store the linen before the feeder.



Buffering system supports Continuous, Constant and Stable feeding to optimize the feeding frequency.

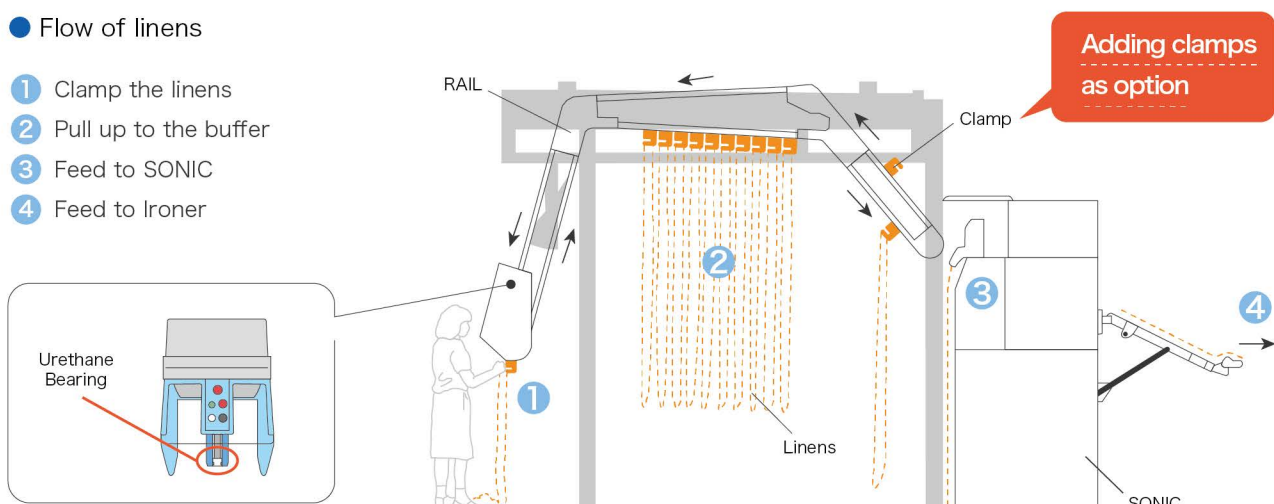
High Precision

High function clamps

Precise rail and high-quality urethane bearing achieve smooth drive performance of the clamps. It has standard 13 pcs of clamps, but more clamps can be added as per the requirement.

● Flow of linens

- 1 Clamp the linens
- 2 Pull up to the buffer
- 3 Feed to SONIC
- 4 Feed to Ironer



High Productivity

Various kind of linens can be handled

A wide variety of linens such as Sheets, Duvet cover, Table close, etc. can be fed.

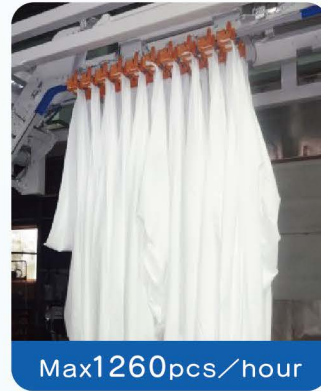
- Various linens can be fed



High Productivity

High Efficiency by Mass processing

Throughput of max. 1260pcs /hour for 1 lane. Able to store 1 to 13 pcs (standard) at the buffer rail. Number of rail can be selected either from 2 or 4 lanes.



Max1260pcs/hour



Selectable number of lanes



Advantages



High Productivity

Reduce the unevenness of the work, and high productivity with constant and stable operation can be maintained.



Improve Quality

Quality of the linen surface get improved by "swinging" as it travels along the buffer rail, especially for the 2 layer linen like Duvet cover.



Saving time

Feeding at the buffer rail can be continued even at the time of short time machine stop, or for the time to change the program.



Better work circumstance

Distance can be taken from the high temperature ironer, that it can work under the good and safe circumstances.

Line ups

RAIL



Buffer Rail System
SR-C13-R2/SR-C13-R4

Feeding clamp travels to the buffer rail when both end of the linen clamped. Linens are stored at the buffer rail and feed to SONIC one by one.

AUTO



RAIL dedicated Feeder
SONIC-ES4-R2/SONIC-ES4-R4

Linens are hand over from the RAIL to spreading clamp of SONIC, and linens get spread by the clamp. It get vacuumed to remove wrinkle and fed into the feeder.

SONIC-RAIL

■ Specification

Model		SR-C13-R2-33
Nos. of buffer (per lane)		113 pcs
Electric	Voltage	AC 200V, 3 Phase
	Power	1.6 kW
Air	Press.	0.6MPa
	Cons.	80L/min
Circuit Breaker		20A
Mass		1900kg

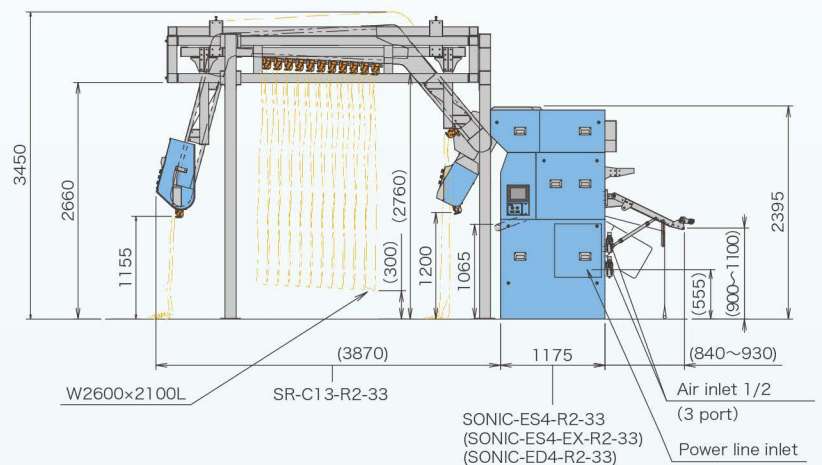
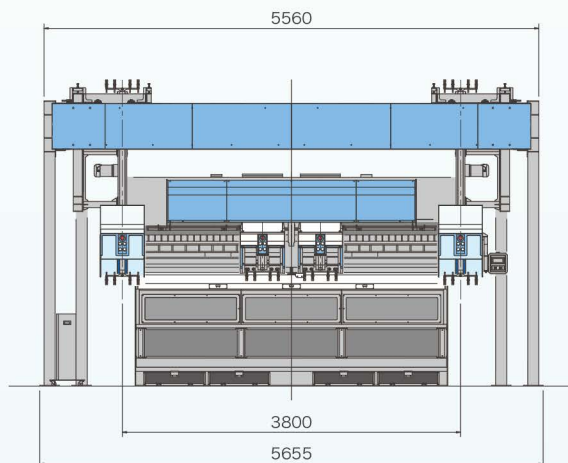
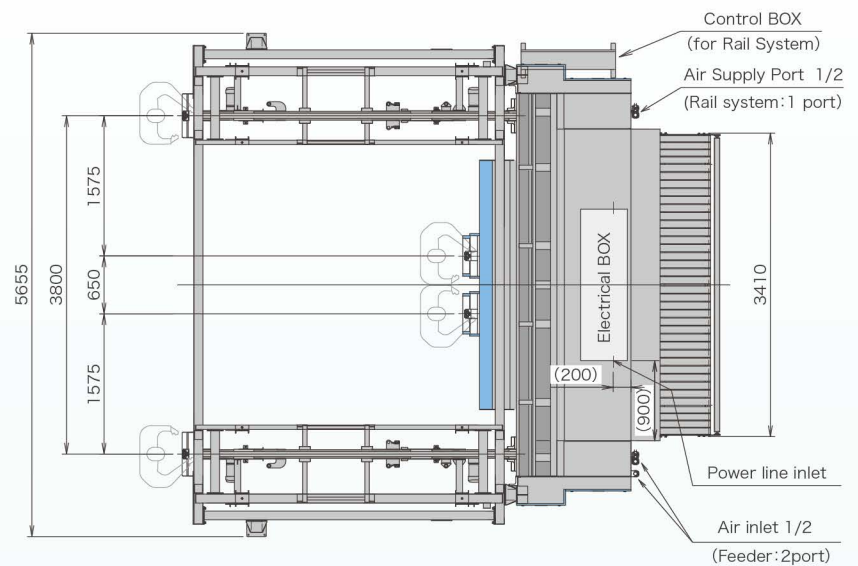
SONIC-AUTO

■ Specification

Model		SONIC-ES(D)4-R2-33
Rail supply port		2 ports
Electric	Voltage	AC 200V, 3 Phase
	Power	ES4: 10.65 kW, ED4: 11.05kW
Air	Press.	0.6MPa
	Cons.	600L/min
Circuit Breaker		60A
Mass		4300kg

● Effective combination with Sheets Picker "QPS"

QPS helps to untangle the tangled line and make it easier for the operator to pick them up. Higher productivity can be expected in combination with the Buffer Rail System.



TOTO FOLDER MANUFACTURING CO., LTD.

<https://www.totofolder.jp/en/>



Head Office 32-24, Maegami-cho, Kawaguchi city, Saitama 333-0843 ☎048-262-2838
Kawagoe Factory 2-8-75, Yoshino-dai, Kawagoe city, Saitama 350-0833 ☎049-225-6125