

Sheets • Duvet cover Spreading Feeders

SONIC-ES4 SONIC-ED4

High Quality

High Productivity



For Hotel Linens SONIC-ES4



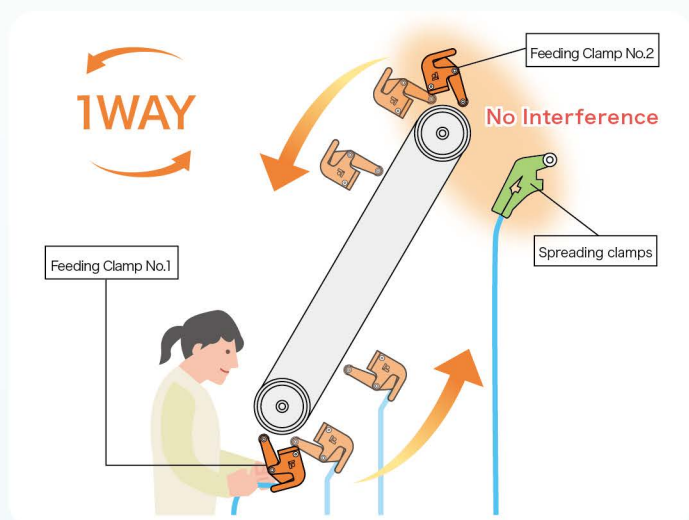
For small size bed Linens SONIC-ED4

SONIC Series common function

High Productivity

1 WAY clamp cycling system

Work efficiency is significantly improved by the system with 2 sets of feeding clamps in one station cycling 1 WAY. Next clamp come soon after the clamped linen goes out from the operator



**1.3M cycles of
Durability test
PASSED!!**

1.3 million cycle is equivalent to operation of approx. 2 years at linen supply factory. This test proved the robustness of the system and parts against damage and deterioration.

High Quality

Hold tight even for heavy linens

Catch and hold the linens tight by the combination of "Vacuum Catch" and "Pinch Clamp" no matter how heavy it is. "Vacuum Catch" to catch the linen by air suction and it is mechanically clamped by the "Pinch Clamp" to make sure to keep the edge of the linen straight.



● Catch Base · Servo unit

Stable feeding is available from low speed to high speed processing by the High precision servo motor.

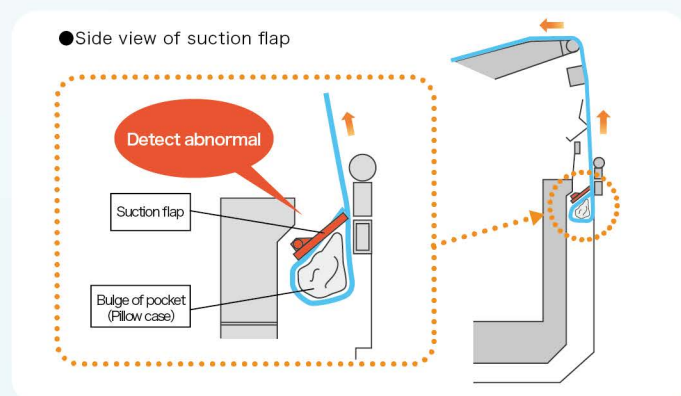
High Productivity

Foreign objects detection

● Lump detection at the suction flap

When the pillowcase is mixed in the pocket of the duvet cover, bulge of the pocket stuck at the suction flap and detect the abnormality to stop the machine. There also another sensor on the feeding conveyor to detect the foreign objects. They help to prevent the trouble in advance before feeding the abnormal linens to the ironer.

Option Voice alert of the error



Others

Bypass / Hand feeding

For the bypass mode, feeding clamp station goes up, and you can directly feed the linen, by hand from the bypass conveyor. (Example : Pillowcase, etc)

Option

Laser marker

Mark the feeding position by laser for the small piece linen, like pillowcase.



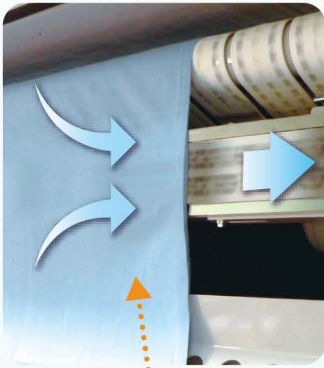
SONIC Series common function

High Quality

3 steps thorough wrinkle stretching

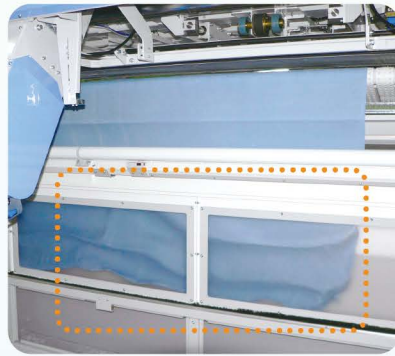
1 Vacuum spreading belt

Suction the linen to the belt and spread them to lateral direction to remove the small wrinkles effectively.



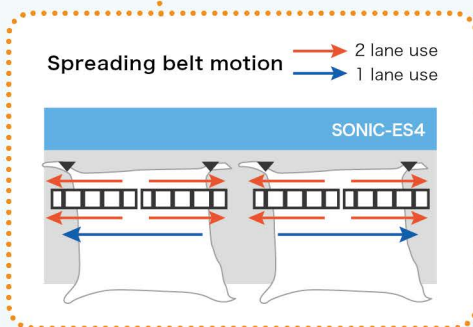
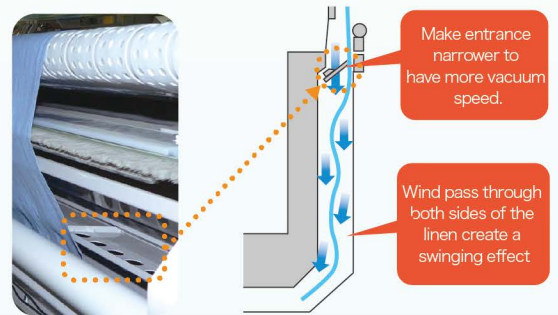
2 Suction BOX

To have higher position suction BOX entrance with depth, longer space of vacuum and linen flaps work to remove wrinkles.



3 Suction flap effect

Suction flap helps to narrower the entrance space of suction BOX, which lead to higher vacuum speed and more swinging effect to the linen to make its surface neat & smooth.



Options

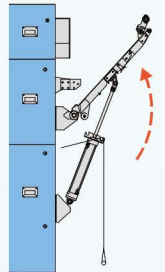
- Manual cancel device
- Production display (PPT)
- LED lights for visual inspection

※There are other options. Please contact us for details.

• Draw bridge discharge conveyor

To have **maintenance space** for ironer, ribbon replacement work for example.

- ※"Discharge conveyor extension" is recommended if there are direct feeding to the ironer in certain frequency.
- ※"Deck" to the discharge conveyor helps the maintenance work, like for ribbon replacement. But no direct feeding to ironer is available in the case.



For Hotel Linens

SONIC-ES4 4 station / 1 lane only



To meet the diversified products, this Sheets & Duvet cover feeder achieved the high-quality finishing with high-speed, safety and precision.

Production capacity
1260 pcs / hour

※Theoretical capacity in case W2700xL1800mm size sheets is fed. It differ by the linen size and roll speed.

Options

Smoothing Brush for Duvet cover

EX Brush

Model : SONIC-ES4-EX

Supports large duvet cover !
More higher quality finishing.



For small piece sheets

SONIC-ED4 4 station / 1&2 lane



Production capacity※1

1lane: 1260 pcs / hour 2 lane: 1620 pcs / hour※2

- ※1 Theoretical capacity in case W2700xL1800mm size sheets is fed. It differ by the linen size and roll speed.
- ※2 Theoretical capacity for single size bed sheets is fed. It differ by the linen size and roll speed.

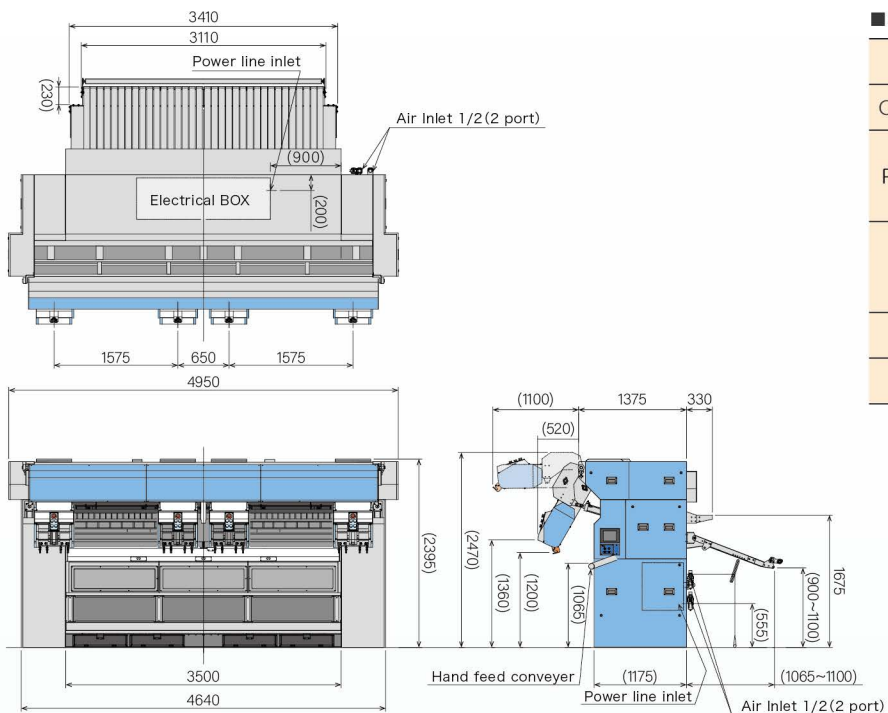
Applicable width for 2 lane get wider !

Applicable width get wider for 50mm from old model.

Utilize the machine fully with the wider range and dedicated program for 2 lane feeding.

Maximum width of linen	
1 lane	2 lane
3300mm	1600mm

SONIC-ES4

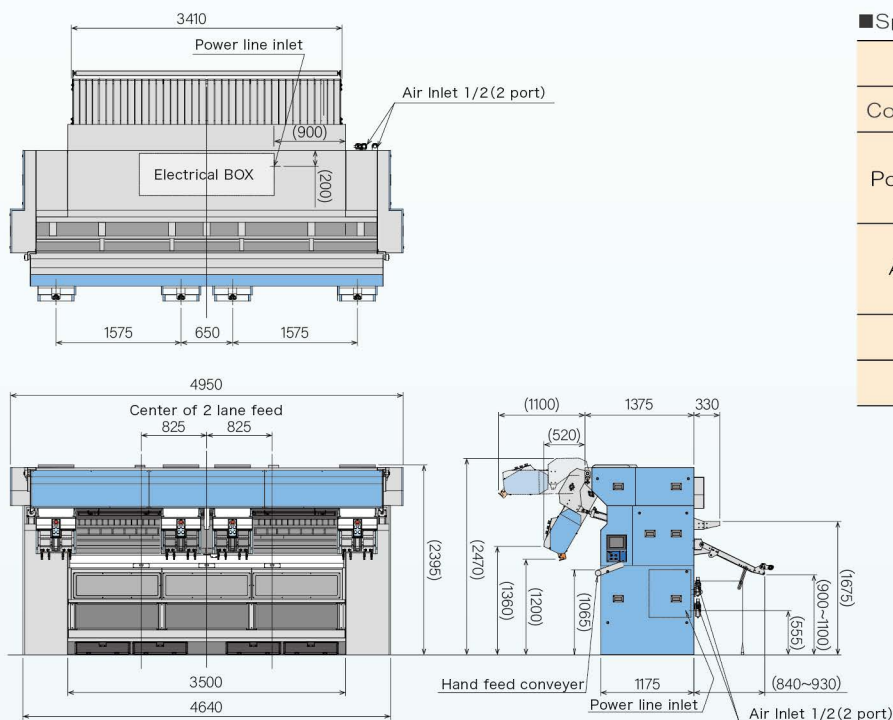


■ Specifications

Model	SONIC-ES4-33	
Conveyer Speed	10~60m / min	
Power	Voltage	AC 200V, 3phase
	Capacity	11.05 kW
Air	Press.	0.6MPa
	Cons.	600L / min
Breaker※	60A	
Weight	4500kg	

※For Wiring circuit breaker

SONIC-ED4



■ Specifications

Model	SONIC-ED4-33	
Conveyer Speed	10~60m / min	
Power	Voltage	AC 200V, 3phase
	Capacity	11.45 kW
Air	Press.	0.6MPa
	Cons.	600L / 分
Breaker※	60A	
Weight	4500kg	

※For Wiring circuit breaker



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