

Features

- ◊ For the application of big area grapping and heavy load handling.
- ◊ Can be equipped with built-in vacuum generator or external blower.
- ◊ Equipped with large vacuum flow generator, short response time.
- ◊ Built-in non-return valve, suitable for workpieces of different sizes.
- ◊ Sponge and suction cup for selection.
- ◊ Mainly used in sorting system for stacking and unstacking.



Application

- ◊ Intelligent warehousing ◊ Sorting
- ◊ Stacking and unstacking ◊ Logistics

How to order

TXH 500×700 - A - C - V

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① Series	② Dimensions	③ Adsorbing surface type	④ Vacuum source	⑤ Non-return valve
TXH	500 × 700 800×1000 1100×1300	A - Sponge type B40 - Default (suction cup model: SPC40S)	Nil - Default C - vacuum pump (for 500x700 type only)	Nil - Without non-return valve V - With non-return valve

Selection

Model/Size	A	B40	C	V
TXH500 × 700	●	○	○	●
TXH800 × 1000	●	○	-	●
TXH1100 × 1300	●	○	-	●

◊ Note: “●” - default, in stock. “○” - selective, no stock. “-” – unavailable.

Features

◇ Applicable for packaging logistic industry, box handling, unstacking and stacking. High quality sponge provides good fitting for uneven surface products, long lifetime, good sealing performance, etc. With one-way valve internal and external blower, equipped with reversing valve control unit for blower, also equipped vacuum detection switch and proximity switch, very convenient for automatically control.



Technical parameters

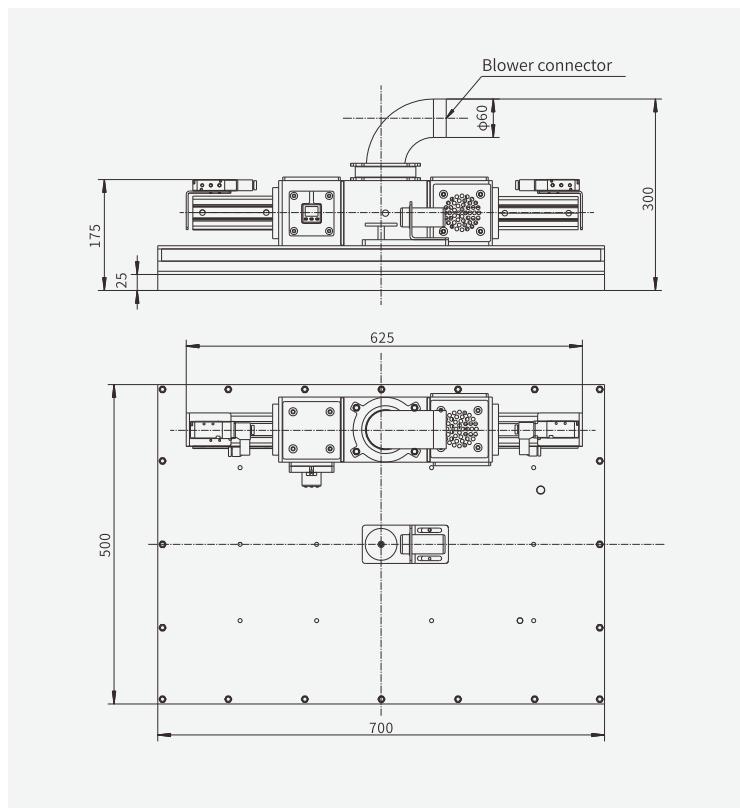
Hose dia.of blower	Theoretical Max. suction force (N)(-40 kPa)	Max. Recommend blower flow (m³/h)	Working voltage of control unit	Reversing valve of blower	Bracket	Detection device	Weight (kg)
φ 60	1,440	170	DC24V	With	Without	Mechanical pressure gauge 1pc Digital vacuum switch 1pc Photoelectric switch 1pc	34.5

◇ Note: The data of suction force as above are figured out in the condition that the vacuum gripper is full covered by a rigid airtight workpiece, and without including safety factor.

Dimensions(mm)

Sponge type

Model	Model of sponge	Sponge size
TXH500×700	TXH500	500×700×25



Suction cup type

Model	Model of Suction cup	Diameter (mm)
TXH500×700	SPC40S	φ 40

Features

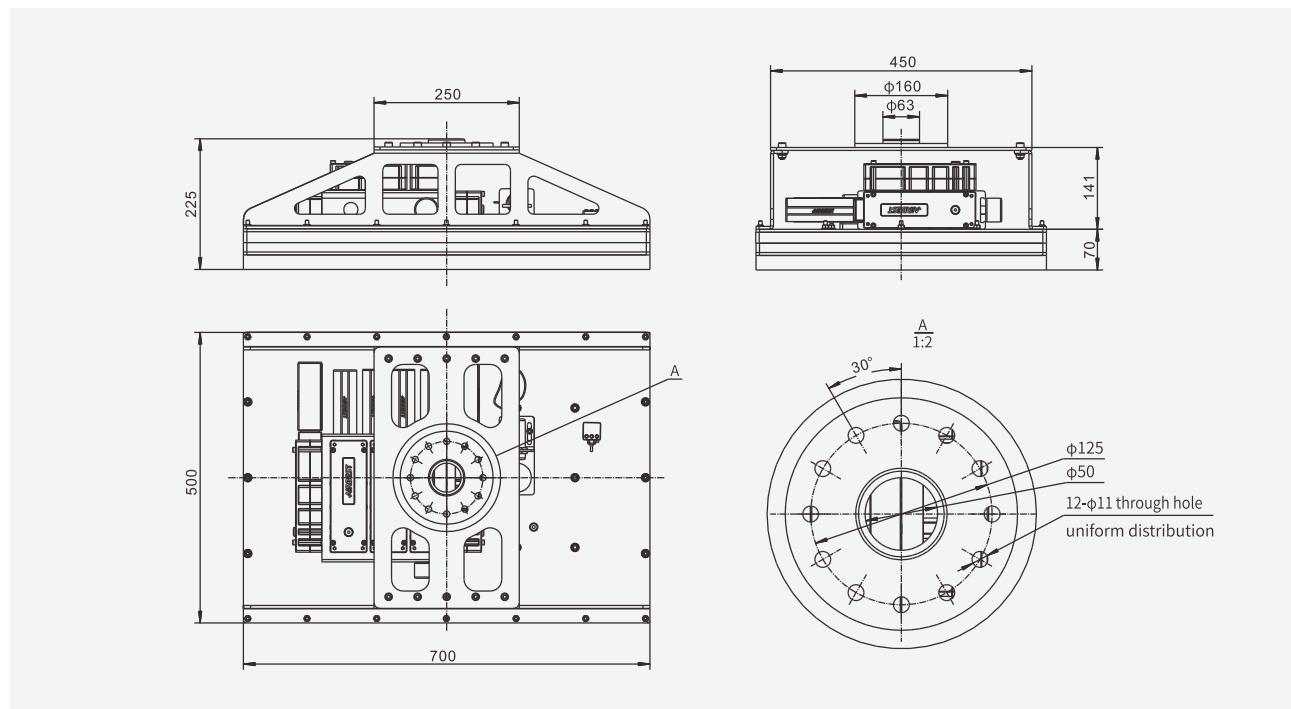
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Technical parameters

Air supply pressure (bar)	Air consumption(NL/min)	Max. vacuum level(- kPa)	Max. vacuum flow(NL/min)	Theoretical Max. suction force (N)(-40 kPa)	Bracket	Detection device	Weight (kg)
6.0	2,300	85	3,710	1,440	With	Mechanical pressure gauge 1pc Digital vacuum switch 1pc Photoelectric switch 1pc	36.5

Dimensions(mm)



Sponge type

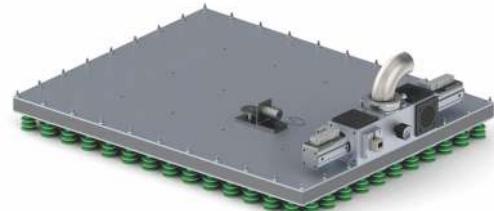
Model	Model of sponge	Sponge size
TXH500×700	TXH500	500×700×25

Suction cup type

Model	Model of Suction cup	Diameter
TXH500×700	SPC40S	Φ40

Features

◇Applicable for packaging logistic industry, a whole layer handling, unstacking and stacking. High quality sponge provides good fitting for uneven surface products, long lifetime, good sealing performance, etc. With one-way valve internal and external blower, equipped with reversing valve control unit for blower, also equipped vacuum detection switch and proximity switch, very convenient for automatically control.

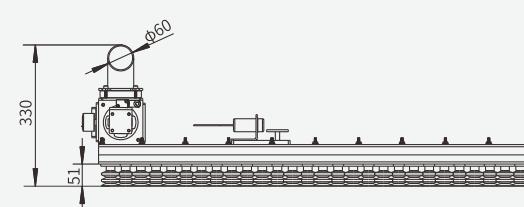


Technical parameters

Model	Theoretical Max. suction force (N)(-40 kPa)	Recommend blower flow (m³/h)	Working voltage of control unit	Reversing valve of blower	Bracket	Detection device	Weight (kg)
TXH800×1000-B40-V	3,850	320	DC24V	With	Without	Mechanical pressure gauge 1pc Digital vacuum switch 1pc Photoelectric switch 1pc	56
TXH1100×1300-B40-V	5,200	520	DC24V	With	Without	Mechanical pressure gauge 1pc Digital vacuum switch 1pc Photoelectric switch 1pc	79

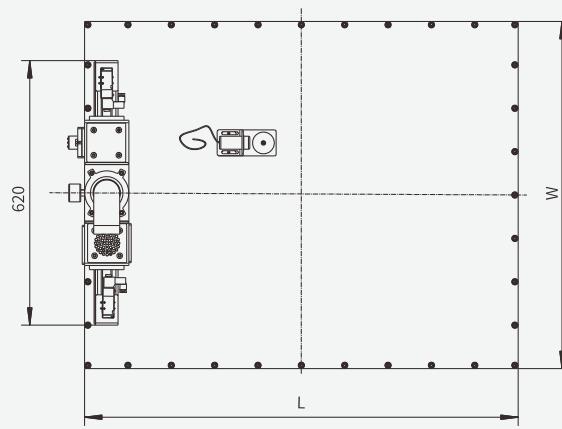
Dimensions(mm)

Model/Size	W	L
TXH800×1000-B40-V	800	1,000
TXH1100×1300-B40-V	1,100	1,300



Sponge type

Model	Model of sponge	Sponge size
TXH800×1000	TXH800	800×1000×25
TXH1100×1300	TXH1100	1100×1300×25



Suction cup type

Model	Model of Suction cup	Diameter (mm)
TXH800×1000	SPC40S	φ 40
TXH1100×1300	SPC40S	φ 40