Container bag discharge station

SS-TKD



Refer carefully to this manual before operation.

SS-TK(D) Series

Coding Principle

SS - TK(D)- E - XXX

- XXX → Options
- E → Container Bag Storage Hopper
- TK(D) → Electric hoist
- TK → Container bag discharge station
- SS → Shini Silo



Common electric hoist



CE/ EC electric hoist

Functions&Features

An optional tapping mechanism with a tapping frame controlled by the cylinder can effectively accelerate the discharge speed of materials inside the bag and remove the dust adhering to the bag.
A cylinder pressure bag is opened at the discharge port, and the enclosed discharge space can effectively prevent dust from overflowing during material discharging.

Working State

Poor liquidity and materials are easy to bridge.Materials with a lot of dust and easy to leak the dust.

Usage Method

SS-TKD Container Bag Discharge Station is used to achieve the discharging of bulk materials or materials in bags, and the process is semi-automatic. Move the container bag below the electric hoist manually, hang the rope of the container bag on the steel bracket, and lift it with the electric hoist. Manually control the electric hoist's rising, declining, and traveling to move the container bag along the guide rail, drop it above the discharging area, and place the container bag on the support pallet to place the container bag in the discharge position. Open the temporary storage hopper cover, manually place the container bag's discharge port under the cylinder pressing plate, press the pneumatic switch of the bag presser to lower the sealing flange, and press it tightly on the pipe end of the discharge pipe to seal the channel for dust leaking prevention. Then, manually open the container bag to discharge the materials. During the discharging, press the tapping button on the control box to tap the container bag on the bracket vertically to speed up the discharging and empty residual materials.

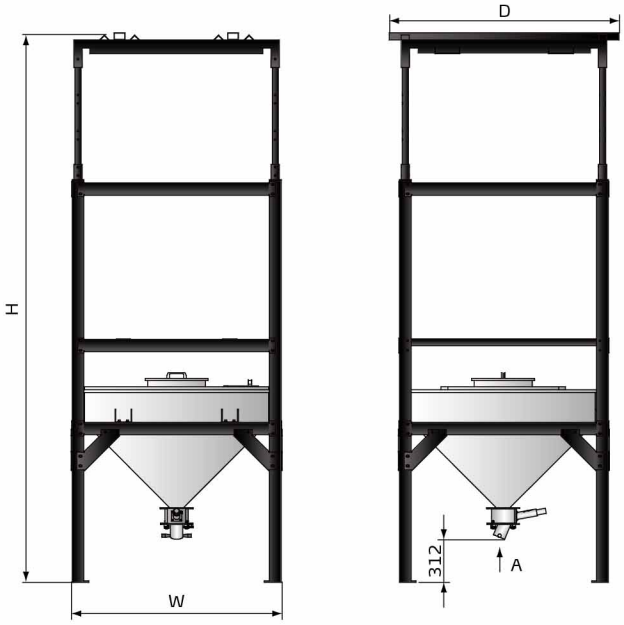
Options

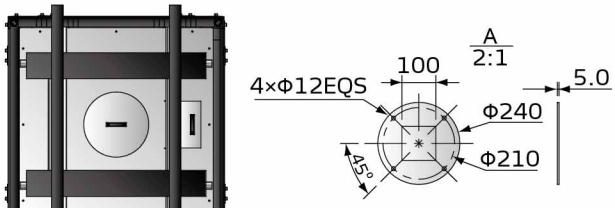
- SS-TK-E can work with the optional rotary bracket to lift the container bag and feed the materials accelerately, and add "RC" at the end of the model code.
- The level sensor is optional for SS-TK-E to monitor the critical material level inside the silo, thus ensuring continuous production and machine prevention, and add "FMA" at the end of the model code.
- The magnetic lock is optional for SS-TK-E for secure locking and smart controlling of the silo discharge port, and add "MLK" at the end of the model code.
- The tapping function is optional for SS-TKD to help the materials with poor fluidity inside the container bag to discharge to the storage collective hopper smoothly and add "PD" SS-TK/SS-TKD at the end of the model code.
- For materials with poor fluidity, SS-TKD can select a bridge breaking option to prevent material bridging at the discharging port of the storage hopper and add "MB" at the end of the model code.

Application

The container bag discharge station is used for discharging and conveying of materials from the container bag in the plant; With simple operation, its bottom can mount the suction box for production line conveying or silo feeding.

Outline Drawings(SS-TK)

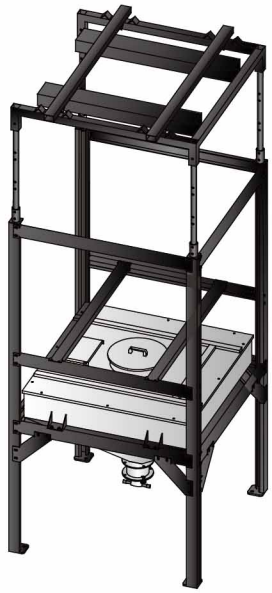




Model	W (mm)	D (mm)	H (mm)	Hopper material	Capacity (L)	Bearing (T)
SS-TK	1510	1660	3450 3710 3970	SUS 201	800	1

Note: Requiring forklift or crane loading

3D Diagram

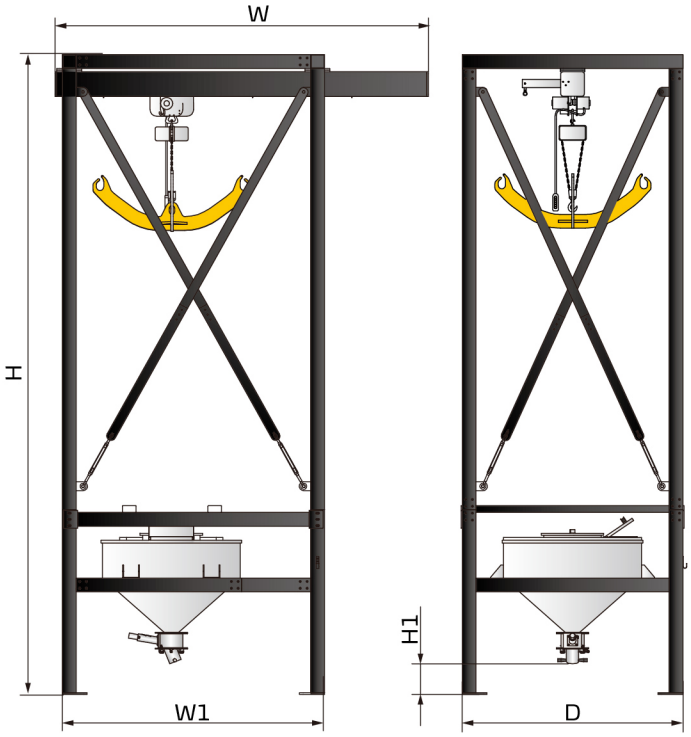


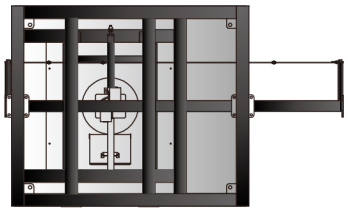
Feeding with forklift



Outline Drawings

Optional electric hoist (SS-TKD)



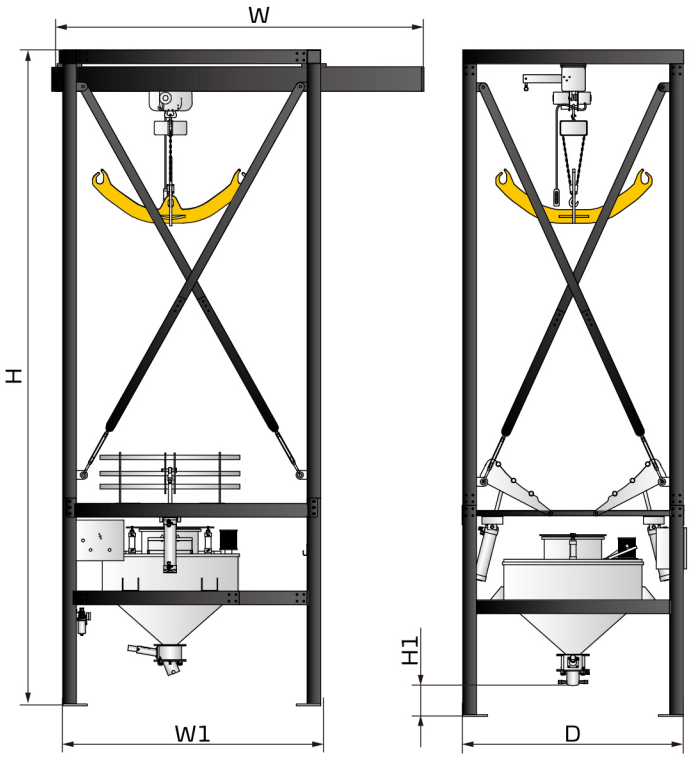


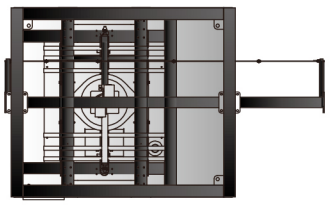
Model	W (mm)	W1 (mm)	D (mm)	H (mm)	Hopper material	Capacity (L)	Bearing (T)
SS-TKD	2706	1900	1600	4640	SUS 201	400	1

Note: 1) Standard suction box

2) Total length of container bag ≤2350mm (including hanging rope)

Optional electric hoist + tapping (SS-TKD-PD)



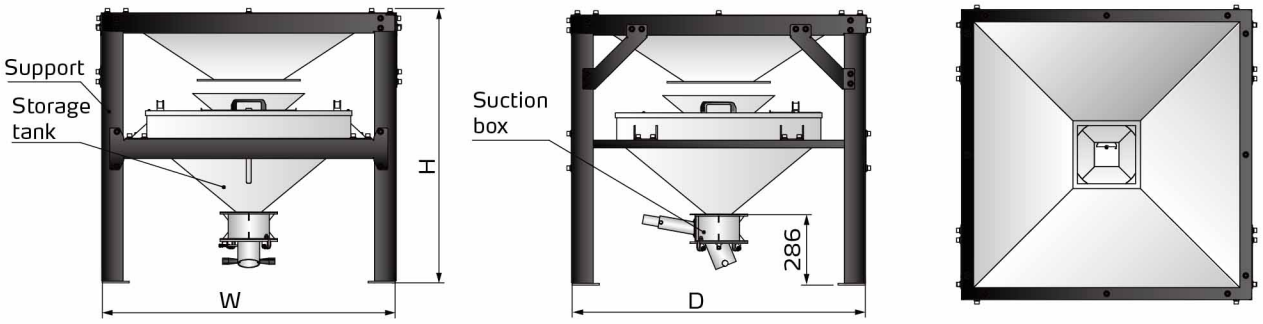


Model	W (mm)	W1 (mm)	D (mm)	H (mm)	Hopper material	Capacity (L)	Bearing (T)
SS-TKD -PD	2706	1900	1600	4830	SUS 201	400	1

Note: 1) Standard suction box

2) Total length of container bag ≤2350mm (including hanging rope)

Optional Container Bag Storage Hopper(SS-TK-E)



Model	W(mm)	D(mm)	H(mm)	H1(mm)	Hopper material	Capacity (L)	Bearing (T)
SS-TK-E	1192	1192	1116	286	SUS304	150	0.75

Note: 1) Standard suction box

Feeding with forklift



Shini Group

Addr: No. 23, Minhe St., Shulin Dist.,
New Taipei, Taiwan

Tel: +886 2 2680 9119

Fax: +886 2 2680 9229

Email: shini@shini.com

Factories:

- Taiwan
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