

High Speed Corrugated Vibrator Unit & Stacker Unit



A. Automatic Vibrating Waste Cleaner

➤ Specifications

Type	Unit	HL-VS1220#	HL-VS1224#	HL-VS1628#
Max. Speed	M/min	250	250	180
Max. Sheet Size	mm	1200 x 2000	1200 x 2400	1600 x 2800
Min Sheet Size	mm	400 x 700	400 x 700	400 x 700
Covering Area (L x W x H)	mm	3300 x 3530 x 1800	3300 x 3930 x 1800	3300 x 4130 x 1800
Weight	kg	2160	2360	2660
Power	kw	8.8	8.8	8.8
Voltage of Product	V/HZ	380V/50HZ 3Phase	380V/50HZ 3Phase	380V/50HZ 3Phase
Paper receiving height	mm	Customized	Customized	Customized

➤ **Vibrating Cleaner Machine Details**

Item	Instruction
1、 Control Operate	1. All the motors of the waste cleaning machine are separately controlled by the independent button, and can be operated independently according to the production requirements. 2. With Sudden- Stop Protection Device to make sure the operating safety.
2、 Front-end Paper Receiving Arm	1. Adopted pneumatic lifting structure, which can suit for die cutting height of different printing machine and convenient for front-end print machine to dismantle and mount the templates. 2. Equipped with iron trim strip paper pressing mechanism and a medium-pressure fan, which can make the paperboard smooth and smooth into the waste main transmission bearing.
3、 Vibrating Belt	1. Vibrating belt is imported cylindrical high elasticity belt, not easier to aging and hard to damage the paperboard under high-speed vibration. 2. The belt shaft with a semicircular groove, can adjust the belt position flexibly to adapt to the production needs of various irregularly shaped paperboard and achieve 2 outs at one time or 3 outs at one time paperboard division.
4、 Bearing	1. The main transmission bearing by independent motor, consisted by four whole bearings with concave wheel surface, divided into the top and bottom of each two, and on the wheel surface every five centimeters a groove, it easy to adjust the belt freely according to the actual size of the carton board, to ensure that the special-shaped carton passed smoothly and avoid causing the damage to the cardboard. 2. The vibration bearing drive is controlled by an independent motor, and can be controlled separately. The speed adjustment is convenient, and can ensure the jitter stroke. 3. The vibration bearing is operated with two bearings, and each axis has three chattering points, so as to speed up the jitter frequency and improve the jitter effect.
5、 Vibrating Cleaner System	1. The front-end of the waste cleaner is equipped with medium-pressure fan to achieve the effect of waste cleaning and at the same time make the paperboard close to the conveyor belt for smooth delivery. 2. The waste cleaning mechanism is composed of dual vibrating cleaning structures. Each one is driven by an independent motor, and can achieve better effect of waste paper removal through different vibrating frequencies. 3. The rear-end of the waste cleaner is equipped with axial fan and brush device so that the vibrating waste paper can fall from the paperboard in order to achieve the best cleaning effect. 4. The plane belt equipped on both sides at the bottom of the waste cleaner and the waste paper division board equipped at the rear end, convenient to match the waste paper output belt to completely output the waste paper, reducing waste paper cleaning.

B. Automatic Paper Stacker

➤ Specifications

Type	Unit	HL-AS1220#	HL-AS1224#	HL-AS1628#
Common Stacking Max Speed	M/min	250	250	180
Max. Sheet Size	mm	1200 x 2000	1200 x 2400	1600 x 2800
Min. Sheet Size	mm	400 x 700	400 x 700	400 x 700
Covering Area (L x W x H)	mm	6500 x 3660 x 3300	6500 x 4130 x 3300	6500 x 4530 x 3300
Weight	kg	1800	2000	2300
Power	kw	3	3	3
Voltage of Product	V/HZ	380V/50HZ 3Phase	380V/50HZ 3Phase	380V/50HZ 3Phase
Paper receiving height	mm	Customized	Customized	Customized

➤ Stacker Machine Details

Item	Instruction
1、Control Operate	1. With Sudden- Stop Protection Device to make sure the operating safety.
2、Front-end Paper Receiving Arm	1. Adopted pneumatic lifting structure, which is convenient for front-end print machine to dismantle and mount the templates. 2. Equipped with iron trim strip paper pressing mechanism, which can make the paperboard entering and moved more smoothly in the process.
3、Conveyor Belt	1. Conveyor belt is imported foreign wrinkle belt, it is not easy to aging, can ensure the smooth transportation of cardboard.
4、Conveyor Platform	1. Adopted new type aluminum structure to reduce weight of the machine, easy adjustment, and can adapt to various production requirements. 2. With hydraulic system to control the lifting and lowering , reliable structure and safe operation. 3. Equipped with iron trim strip paper pressing mechanism, which can make the paperboard level down.
5、Paper Receiving Baffle	1. The back paper receiving board can adjust the distance by hand wheel according to the length of the cardboard, thus it can adapt to different shaped cardboard stack.
6、Max Stacking Height	1. Normal stacking, the Max stacking height 1600mm-1700mm.

C. Main parts

No	Parts	Brand	Note
1	Converter	Kymmene	Stacker/Vibrating Cleaner
2	Low-voltage motor	Schneider	Stacker/Vibrating Cleaner
3	Motor	CPG	Stacker/Vibrating Cleaner
4	Cylinder	Jiayue	Stacker/Vibrating Cleaner
5	Bearing	FK	Stacker/Vibrating Cleaner
6	PLC	Fatex	Stacker