



Pile Turner Machine

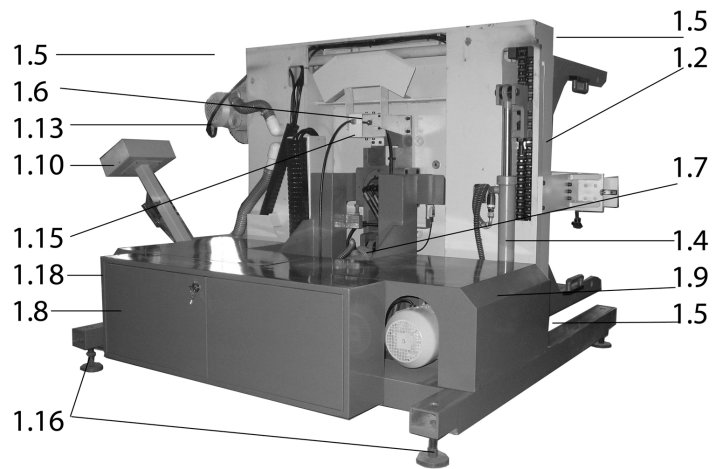
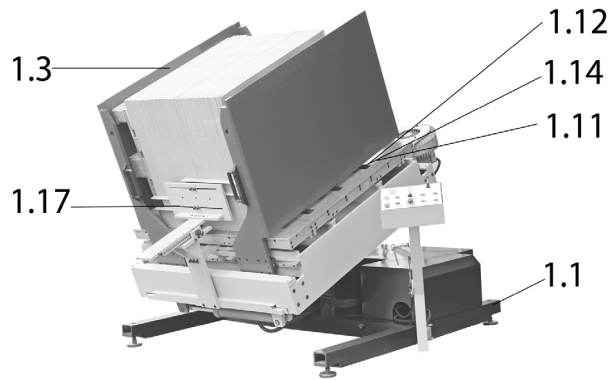
Introduction



I 、 Device Name&Model :

Pile Turner Machine

II 、 General View





1.1 Base frame 1.2 Fork housing 1.3 Platforms 1.4 Clamping Cylinder for the Driver for the Platforms 1.5 Chain wheels 1.6 Pivot bearing 1.7 Tilting cylinder

1.8 Control cabinet 1.9 Hydraulics 1.10 Control panel 1.11 Ventilation plate 1.12 Aerating device 1.13 Blower motor 1.14 Ventilation system 1.15 Locking mechanism 1.16 Levelling feet 1.17 Jogging ruler 1.18 Main Switch

III、Specification

机械数据 Parameters

型号 Model	FZ1200	FZ1200A	FZ1700
最大纸堆 (含托盘) Max.Weight Of Pile(+Pallets)	1000KG	1400KG	2500KG
最大纸张尺寸 Max. Size Of Paper	800 × 1200mm	800 × 1200mm	1200 × 1700mm
夹板间距 Opening Width	最小 Min.680mm 最大 Max.1440mm	最小 Min.920mm 最大 Max.1920mm	最小 Min.920mm 最大 Max.1840mm

电器数据 Electrical Data

功率 Total Power	8kw	8kw	16kw
电源	3P 380V AC 50HZ		

液压 Hydraulic

压力 Pressure	最大 Max. 16MPA		
	液压油夏天用 46 # 冬天用 32 # Hydraulic oil Summer46 # Winter32 #		
	液压油箱的容量 12 升 Volume of oil tank 12 升		

一般参数 General Parameter

机器净重 Net weight	2800KG	3600KG	4200KG
外型尺寸 Dimension	2370X2090X1890 mm	2900 × 2400 × 2200 mm	2550 × 2590 × 2590 mm
噪音 Noise	< 80 分贝 decibel		

工作环境 Working environment

温度 Temperature	+ 12℃ ~ + 45℃		
湿度 Humidity	干燥通风 相对湿度不超过 50% 无凝露 ventilation and dry relative humidity less than 50%		

IV、Features

1.Dust removing

Before printing, the paper fibers, paper scraps and dusts will be removed to improve the printing quality and lower the rejection rate. By the way, it can stop the dusts into the printing machine to increase the service life of printing machine.



After printing, removing printing power, speeding the ink drying, separating papers and dirty in back paper can be achieved.

2.Separation of paper

After the vibration and air jetting, the pile is filled with air cushion between of the sheets, in this way, mis-feeds can be avoided.

3.Aligning

With the vibration platform and high pressure blower, the whole pile paper can be aligned at one time.

4.Static remove(optional)

Air with ionized air reduces the electrostatic charge which may affect the finishing process of coated and printed paper or plastic foil.

5.Odor Neutralizing

Very important for food packaging

6.Turning

For the piles of double-sided printing paper, the pile turning will improve the work efficiency and lower the intensity of work. The working environment will be much better for workers.

7.High efficiency easy operation

For average, the turning, powder removing, separation of paper and aligning, the processes takes about 4-5 minutes.










Everyone can handle the machine.










V、 Function:

This machine contains three functions: turning, jogging and ventilation. The machine is necessary auxiliary equipment in the printing process, it not only make the paper stack turned over automatically, but also make the stack tidy. Importantly it can save in labors and avoid impact on the printed

surface.

VI、 Complete work cycle

1. The stack of product which is to be turned lies between two pallets. The stack is placed on the bottom platform and is arranged so that the pallets touch the ventilation plate and one edge of the stack touches the adjustable ruler.
2. When the hydraulics button  is pressed and the control lever  is shifted the platforms move together and thus clamp the stack with the pallets between the platforms.
3. When the hydraulics button  is pressed and the control lever  is shifted, the fork housing tips back 90°. The sheets of paper then point vertically upwards.
4. The locking mechanism of the pivot bearing is released when the locking lever is actuated.
5. The fork housing is then turned 90° in the horizontal, either left or right, by hand. When the fork housing is in the 90° position, actuate the locking lever again to engage the 90° locking mechanism. The adjustable ruler must now point to the front.
6. Press the hydraulics button  and shift the control lever  to tilt the fork housing, so that the stack of product rests against the adjustable ruler.
7. Press the hydraulics button  and shift the control lever  to slightly open the platforms so that the stack can be aerated.
8. The potentiometer ventilation time is used to preset the required ventilation duration.
9. The aeration system (and thus the automatic machine cycle) is started with the preset aeration time by pressing the green air on button . The air nozzles move back and forth behind the ventilation plate.

10. Press the green jogging on button  to switch on the jogging system.
11. When the pile of product has been jogged enough so that it is properly aligned, or when the preset aeration time has elapsed, the jogging system is switched off automatically.
12. When the hydraulics button  is pressed and the control lever  is shifted, the platforms close again and clamp the aligned layers of product between the pallets.
13. Press the hydraulics button  and shift the control lever  to return the fork housing to its horizontal position.
14. The fork housing is now turned another 90° by hand in its horizontal position to either the 0° or the 180° position.
15. Press the hydraulics button  and shift the control lever  to tip the fork housing back 90° into the vertical position.
16. Press the hydraulics button  and shift the control lever  to fully open the platforms. The bottom platform comes to rest on the floor. The pallet which was originally on the top of the stack at the beginning of the turning operation is now at the bottom and the bottom pallet is now at the top. The printed side of the stack has thus been turned.
17. The turned stack can be removed from the machine.

VII. Warranty

The machine warranty is for one year, we offer the parts which are normal operation of the damage not including man-made damage except consumables during the guarantee period.

VIII、 Price

Machine	Model	unit	number	price
Pile turner machine	FZ1200	set	1	
Pile turner machine	FZ1200A	set	1	
Pile turner machine	FZ1700	set	1	

Note: 1. The price is Fob Tianjin Port price.

2. The price is a special dealer's price, please kindly do not disclose to the others.

PAYMENT: 30% TT DOWN PAYMENT,70% TT BEFORE DELIVERY

DELIVERY:20 DAYS AFTER PAYMENT RECEIVED

工作流程图 / Working Flow Chart

1、用液压车将纸堆推入整理机内如图。
Put the pile into platform of pile turner with hydraulic trolley.



2、整理机翻起、旋转、倾斜如图。
Turning up, rotating ,tilting.



3、打开整理机吹风、振动按钮，对纸堆进行除尘（除去纸毛、纸屑、灰尘）、松纸、齐纸、还可翻转。
Switch on the air jetting and vibration to remove dust (paper fiber , paper scraps) separate the sheets ,aligning r & turning paper pile.



4、整理机回位、放下，用液压车将纸堆取走，如图。
The pile turner will come back to its origin position, turn down. The pile can be taken out by the hydraulic trolley .

