



泉州大昌纸品机械制造有限公司

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DC-2070B Full-auto pocket wet tissue folding and packing machine



(1)Main parameter:

1. Power supply: three phase 380V,50HZ
2. Power:30KW
- 3.Designed speed: 1200pcs/min
4. Product speed: 800-1000pcs/min (80-100packs/min)
5. Unfolded size of wet tissue(mm):(150-200)x(160-200)(LXW)
6. Folded size of wet tissue(mm):(75-100)x(65-75) (LXW)
7. Suitable raw material: single roll spunlace
8. The size of machine(mm): 7000X1520X2350 (LX W X H)

(2)Main Structure

1. Unwinding the spunlace material by transducer, tension control automatically.
2. Spunlace material cutting device, the cylinder separate the cutting blade.

3. There are two labeling devices.
4. Automatic punch on the packaging film.
5. Automatic code while working
6. Equipped with electromotion differential gear, which adjusting phase without stopping the machine.
7. The circumgyrated form sealing device.
8. The relative position's data of the punching hole, Labeling, and the eye-mark are set up in the PLC.
9. The electric equipment mainly adopts famous brand MITSUBISHI.
10. Main machine's structure is frame design.

(3)Raw material specification

1. Packing film: Width ≤ 280 , Diameter ≤ 400
2. Spunlace: $320\text{mm} \leq \text{Width} \leq 400\text{mm}$, Diameter $\leq 1200\text{mm}$
3. Label: Width $\leq 60\text{mm}$, Diameter $\leq 300\text{mm}$

(4)Main configure

1. Spunlace cutting device.
 2. Spunlace vertical folding device, which can adjust the folded wet tissue size as well as the fold way.
 3. Spunlace wetting device, adopt founder form.
 4. Cutting wet tissue device. Adopting high-speed steel cutting blade.
 5. Spunlace transversed folding device. It can adjust the folding size and the folding shape.
 6. The machine has automatic counting and stacking device .The counting pieces can be set in the PLC. The stacker adopts sever motor driver.
 7. Two sets of label stick device, they can be used at the same time, and also can be used solely.
 8. Packing film device.
 9. The packing film sealing vertically device, and the cylinder open-closed sealing device.
 10. The packing form sealing traversal device, and the cylinder open-closed sealing device. The folding machine, packing machine, and the feeding film frequency conversion, And timing. Three transducer can run automatically at the same time.
 11. Closed gear box+ step belt and coupling running form.
 12. Electric control model includes automatic and manual, to meet the demand in the running .
 13. Each motor can be started and stop solely, setting in the PLC.
- The hole machine has four urgent stop button, when press, the machine will stop.

(5)Our Service

Technical Support

1. Free consultant service, help customers to make project feasibility analysis.

2. We provide the relevant product information of the series for customer' s reference.
3. We offer the designing, installment drawing and necessary information for production according to customer's real situation.
4. We inform the models, technical index and request, suppliers and reference price of all necessary raw materials for production.
5. We advise customers how to solve the usual machine fault.
6. We can supply the technicians to operate the machine.

After-sale Service

1. The machines are tested and have trial production in our factory before leaving our factory and they are shipped out only after the customers are satisfied with them.
2. When the machines are tested, our technicians will train the customers' technicians in theory and practice till they grasp the skills.
3. When the machines are delivered to the customers, we can go to customer' s factory to install, test the machines, and to train again before the operation staff start working.
4. During this period of one year warranty, if the machines were damaged by non-artificial reasons, we are responsible for repairing or changing parts.
5. During this period of warranty, if there is something wrong with the machine, we are responsible to provide project for solving this problem at the soonest, and help customers to restore production as soon as possible.
6. After the warranty, we charge only cost price for maintaining the machines within three years.
7. Other after-sale terms can be agreed by buyer and seller in addition.

DC-2070 Electrical Parts List

No.	Name	Model	Remark
1	PLC	FX3U-64MT/ES-A	MISTSUBISHI
2	PLC	FX3U-32MT/ES-A	MISTSUBISHI
3	PLC	FX3U-16MT/ES-A	MISTSUBISHI
4	Communication card	FX3U-485-BD	MISTSUBISHI
5	Communication adapter	FX3U-485ADP	MISTSUBISHI
6	Communication adapter	FX3U-485ADP-MB	MISTSUBISHI
7	Human-computer connection cable	FX-50DU-CABO-10M	DOMESTIC
8	Human-computer connection cable	SC-09-10M	DOMESTIC
9	Human-computer interface	GT1275-VNBA-C	MISTSUBISHI
10	Analog Module	FX2N-2DA	MISTSUBISHI
11	Inverter	FR-E740-5.5K-CHT	MISTSUBISHI

12	Human-computer battery	GT11-50BAT	MISTSUBISHI
13	Servo amplifier	MR-J3-70A	MISTSUBISHI
14	Servo motor	HF-KP73	MISTSUBISHI
15	Connector	MR-J3CN1	DOMESTIC
16	Coder cable	MR-J3ENCBL5M-A1-L	DOMESTIC
17	Power cable	MR-PWS1CBL5M-A1-L	DOMESTIC
18	Servo amplifier	MR-J3-200A	MISTSUBISHI
19	Servo motor	HF-SP202	MISTSUBISHI
21	Connector	MR-J3CN1	DOMESTIC
22	Power connector.	MR-PWCNS5	DOMESTIC
23	Coder cable	MR-J3ENSCBL10M-L	DOMESTIC
24	Servo amplifier	MR-J3-200A	MISTSUBISHI
25	Servo motor	HF-SP152	MISTSUBISHI
26	Connector	MR-J3CN1	MISTSUBISHI
27	Power cable	MR-PWCNS4	MISTSUBISHI
28	Coder cable	MR-J3ENSCBL10M-L	MISTSUBISHI
29	Servo amplifier	ASD-A2-2023-U	DELTA
30	Servo motor	ECMA-E11320ES	DELTA
31	Connector	YDM30200447	DELTA
32	Connector	YDM30200347	DELTA
33	Connector	ASD-CN5C0050	DELTA
34	Connector	YDM30200100	DELTA
35	Communications link		DOMESTIC

DC-2070 Spare Parts List

NO.	Name	Specification	Quantity
1	Inset paper	119×45×2	3pcs
2	Paper clip	119×42×6	3pcs
3	Fork	236×18×5	3pcs
4	Punch blade	20×45	1pcs
5	White steel blade	130×30×6	2pcs
6	White steel blade	130×30×8	2pcs
7	Tungsten steel blade	130×20×8	4pcs

8	Cutting blade(up)	φ105	2pcs
9	Cutting blade(down)	φ100	2pcs
10	Stainless steel feeding fork	long	10sets
11	Flat belt	625×30	2pcs
12	Electric heat pipe	φ8×220	4pcs
13	Platinum resistance	PT100	2pcs
14	Heat ring	φ80	2pcs
15	Adjustable hoof	M16×60×φ80	12pcs
16	Tool box	With tools	1pcs
17	Bering	693	10pcs
18	Nylon line		10pcs
19	Dowel		10pcs