



TIN No. : 06501222753

AN ISO 9001 : 2000 CERTIFIED CO.

NATRAJ CORRUGATING MACHINERY CO.

Mfrs., Exporters & Importers of : 'NAGPAL Super NATARAJA'
Paper Corrugated Board & Box Making M/c and All types of Imported Machines

S No Description

01) TWO COLOR FLEXPRIINTER SLOTTED DIE CUTTER

CHAIN FEED TYPE



1. This machine is component with the feeding unit, printing unit, Slotting unit, can accomplish the process of the corrugate Paperboard printing, slotting.
2. The material of the body is HT250, after artificial treatment, Thickness of body is 40mm, making by CNC machine, with high Strength and high precision.
3. All the transmission gear is spiral gear, materials is 45# steel, after Harding treatment, and adopt automatic circle lubrication, with low Noise, high precision and long use life.
4. Bearing adopt the famous brand in China like Luoyang, Wafangdian and Haerbin
5. The electric contactor adopt Telemecanique brand.
6. The rubber roller adopt Jizhou Chunfeng Yinxing rubber Roller, famous brand in China, hardness is 65HRC.

1. Main technical parameters

Name of the parameter	Unit	DX-8BSY480-2400	DX-8BSY480-2600	DX-8BSY480-2800	DX-8BSY535-2600	DX-8BSY535-2800	DX-8BSY535-3000
Maximum speed(Pieces/min)	Mm	60	60	60	60	60	60
Max Paper sizes	Mm	1450X2400	1450X2600	1450X2800	1600X2400	1600X2800	1600X3000
Max Printing sides	Mm	1450X2200	1450X2400	1400X2600	1600X2400	1600X2600	1600X2800
Min Paper Sizes	Mm	380X600	380X600	380X600	420X600	420X600	420X600
Printing rollers	Mm	4-9	4-9	4-9	4-9	4-9	4-9
Lateral	Mm	10	10	10	10	10	10

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Turning Direction	○	360°	360°	360°	360°	360°	360°
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2. Operation instructions of every part of the equipment and the notes.

1. Paper-feeding part: chain feeding.
2. Printing part

(1) The drive part of the printing part adopts the big screw and bevel gear drive which increases the strength of the gears and the driving stability under the circumstance of lowering the noise. The material of all the drive gear adopt 45# steel, after high frequency hardening. The paper-feeding of the drive part of the printing part adopts cross sliding drive, which does not enlarge the space between the gear-top and gear-side, make the color process (esp. the multi-color process) more accurate. The gear of all the machine adopt automatic insufflations circular lubricate.

(2) Adopt satellite gear structure for adjust the clockwise and the anticlockwise phase of the printing roller and slotting knife roller. The clockwise and anticlockwise phase of the printing roller and the slotting plate roller adopts 360° electric adjusting while stop working or during working, it also have function of "clear block memory" and "automatic back to the 0 location". Electrical adjustment input the data according to the error. The horizontal deriction moving of the printing roller is adjusted by hand, adjusting distance is 10mm.

(3) Each part is electric moving left and right with warning bell. When unit moving, the bell will be warning to make sure the operator safe. The moving motor with constant torsional moment which can buffer the impact of the two units when the operation is wrong. After all the parts closed, each part is pneumatic locked.

(4)The ink distributing of the inking part adopts the rubber roller inking. The anilox roller usually always adopt 180#---240#, also can be choused accord the customer use.

(5)Inking system adopts pneumatic diaphragm pump inking with the ink cup to prevent the ink splashing. Pneumatic diaphragm pump inking can also adjust the volume of ink.

(6).Pneumatic control up and down of the anilox roller to prevent the print plate two times be inking and to prevent the ink from being dried out and coagulative while short time stopping the machine.

(7).When the machine stop, the anilox roller and rubber roller could running independently for transmission ink and prevent the ink dry out.

(8).There is early warning electric bell and rapid-stop button. In the production process, if there is an emergency, the can press early warning electric bell and rapid-stop button to stop the machine.

INTRODUCTION TO PRINTING UNIT

Computerized control, auto-reset, lack ink alarm
Printer rolls grinded surface, cover chrome
Arraying suction vacuum for pulling roll, so the
Sectional capacity can be adjusted easily to ensure
Sheet transfer precise
Adjustable speed control system makes change order quickly
Doctor blade system is optional. Rubber roll: best inking
Dual doctor blades system: perfect spot print.
Drying device is optional, it can ensure print quality and
Raise production efficiency
Circumference fix device. Electromagnetic clutch breaker

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INTRODUCTION TO DIE -CUTTING UNIT

The rubber roller is designed as folded rubber cushion
Providing convenience and ease for removal, installation
And replacement
The rubber roller can move axially 50mm leftward and
Rightward, controlled by an automatic control system to
Ensure a steady and reliable movement.
A frequency converter is adopted at the phase position of
The die cutter unit the touch screen and the electric-digital
Device provide 360 degree adjustment order form can be
Stored in the system
A pneumatically system is used to control the spacing between
The die roller and rubber roller.
A speed difference offsetting device is adopted that can
Automatically adjust the rotation speed of the rubber roller so
That the die-cutting carton has exactly the same shape the die shape
The cores of the rubber roller and the die roller are made from
Quality steel and are hard-chrome plated and finely polished
The track path is balanced and calibrated to enhance the
Stability of movement



INTRODUCTION TO SLOTTING UNIT

Double slotting unit make the adjustment, maintenance and
Change box height to be easy operation.
Computerized control, stored orders for set-up motorized
Contraposition
Entirely transverse left/right moving for slotting knife and
Alignment function for the whole machine are used on
Our equipment
Safe displacement for slotting knife with protective device
Fine planet-gear circumference setting

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Precisely linear guides ensure stability

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