

KL-BS1240 Paperboard Cutting Machine

ZHEJIANG KANGLI PLASTIC-COATING MACHINE CO.

The Chinese supplier and manufacturer of Casemaker, Gluing Laminator Machine, Box making machine,-Cardboard Slotting Machine, Creasing & Cutting Machine, Surface Binding Machine. We also manufacture various PVC packages, rosewood and redwood boxes, and cartons.

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Usage:

KL-BS1240 board slitter machine is good performance , simple operation, adjust convenient, running stable and reliable. Feeding paper carry out automation completely. Mainly uses in the packaging enterprise to cutting the cardboard.

This machine is suitable use for the packing company to make cardboard moon cake box, mobile phone box, gift box, shoe box, folder, and Table calendar.

Foreword

Thank you for using the series of products of brand “KanLy”,and thank you for your support and trust to our products. We hope our products can help you run further on the step of your business.

The style of KL—BS1240 board slitter machine is one of paper box equipment in our factory, it is also on the base of bringing in the latest Germany research technique, together with the domestic actual, developed a new kind of automatic feeding KL tem for paper. It not only has the advantage of some products in abroad, but also has their own characters .The whole machine is made of iron structure, with beautiful facade and firm frame. the equipment not only has quick speed in cutting, but also high precision and convenient operation and maintenance. Therefore it has solved the difficult problem that cardboard is not cut accurately with the paper cutting machine in the past. The equipment is the most ideal cutting machine for box packing enterprises.

In order to fully display high performance of the equipment, please read the instruction carefully before installing and using it. Our company will not undertake the law or any other responsibilities for equipment or person accident causing by incorrect installment, usage, or other artificial damage.

If the equipment has the change not separate to inform, the instruction will be still standard only. The copyright and final explanation of this instruction belongs to our factory.

1 Summarize

Our factory makes products and supplies service according to the ISO9001 International Quality Authentication KL tem and Conformity European (CE) Authentication KL tem strictly. Please read instruction carefully before operation, in order to avoid the nonessential losses, please arrange trained operator to operate the machine.

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1.2 Specifications:

(1) Cutting speed	20-80pcs/min
(2) Cardboard max. size	1200 X 800mm
(3) Cardboard min. size	47 X 210mm
(4) Cardboard thickness	1.2-3g
(5) Cardboard stack max. height	225mm
(6) Power	2.2Kw
(7) Weight	1900Kg
(8) Noises	≤75dB (A)
(9) Outer dimension	1250 X 1250 X 1950mm
(10) Assistant machine dimension	800 X 1250 X 1950mm

1.3 Character:

1. The transmission KL tem adopt the advanced frequency conversion velocity modulation KL tem, the main electromotor adopt the 2.2kw three phase electromotor, running, stop, the velocity modulation function undertaken by the transducer completely, capability stable and reliable, the electronic thermal relay which in the transducer is used for protecting over-load .

2. In order to adjust different size, paper feeding board is equipped with the assignment adjustment plate.

3. The machine adopts concentrate oil equipment, so as to make oil easily and assure the machine running normally.

4. The machine adopts advanced revolving locking to install the knife technology, make knife adjust conveniently、 quickly and reliably.

5. The machine uses the advanced computer software optimize design, high precision, structure reasonable, running steady, low noisy, haven't impact.

6. The machine structured by cast iron, so it has artistic outlook, firm structure.

1.4 Installation:

1. Outer dimension

(1) Outer installation dimension (see also picture 1)

2. Installation

(1) Please inspect the packing case before open it because of the breakage phenomenon which transports creates.

(2) Please check all the goods when open the packing case.

(3) Usually the machine has already adjusted and tested after product, the user debugs slightly, and then can use. The details install process as follow:

1) Please execute wiring according to the electrician regulations, the wire should use insulation wire better. Install the machine on the smooth flinty ground, adjust it to level, then use 0.02/1000m grad enter to testing, the horizontal vertical error is not overrun 0.10/1000mm. At last install 4 bolts which in the bottom of the machine. (see also picture 1)

2) Connect power, switch uses the 15A air circuit breaker, the machine should to carries on earthling processing, so as to eliminate induced electricity caused by the transducer.

2 Operation and Use

2.1 Paper feeding part:

This part comprise of feeding table, paper pusher, adjustable slippery strip, paper pinch roll, assignment adjustment plate, paper leads parts and so on. Its function is transport the cardboard to the cutting part steadily and accurately.

1. Feeding table and cardboard stack

Lay the cardboard in the middle of the feeding tables, put the cardboard front edge close to the cardboard baffle-board, keep the cardboard height surpasses than the cardboard baffle-board. (Notice: please don't keep too tight)

2. Adjust dimension of the paper pusher according to the cardboard size.

2.2 Paper transport part:

1. Paper pinch roll

The paper connecting roll is made of chrome-plating uranium, there's two hand wheels and 4 pcs paper guider on the uranium. The cardboard is proceed by the hand wheel advanced, and then enter into cut by the paper guider. Adjustment the festival to meet the paper roll both sides bolt then to adjust the pressboard pressure to cause it two side pressures equal to guarantee the cardboard enters the minute to cut time is not crooked. In order to transport the paper balance, please adjust the bolt which on the double end of the paper connecting rolls to adjust two side pressures equally.

2. Paper guider

The paper guider used to lead paper to cut, it need to adjust suitable position for leading

favorably.

3 Electric

3.1 Switch:

Omitted

3.2 Electro circuit brief introduction

1. Work condition

- (1) The ambience temperature mustn't surpass 40 degree.**
- (2) The altitude shouldn't exceed 2000M.**
- (3) In the air does not allow including much dust, chips and other caustic gas.**

2. Power supply

(1) This machine adopt 380V 50HZ,three phase four lines alternating current, the power supply incoming line are: L1 (A)、L2 (B)、L3 (C)、N. The machine must earthing according to earth mark .PE used for earthing protective wire, the electrical machine and the transducer should to earthing exactitude, insure safety

(2) The machine's max. power consumption is 2.2Kw,outer power supply switch uses 15A air breaker. The voltage must be use 380V.

(3) The power voltage permission undulation is 10%, the frequency departure does not surpass 1%, regarding the electrical voltage undulation big area has the possibility to cause the machine not to be unstable, should take the measure.

3. Installation and wiring

(1) Please inspect the transducer and electrical machine whether has the breakage or affected with damp, before connect the power.

(2) The machine's cable connection, wiring has to be correct, and must dump the power when wiring or repairing.

(3) Revise the power supply phase sequence. After connect the power, may through the hand wheel direction is whether consistent with the indication or not to exchange phase. Exchanges the random two phase.

3.3 servicing and maintaining

1. Pay attention to servicing and maintaining is important precondition to guarantee the electricity control KLtem reliable work, before maintenance check, please confirm the dump indication.

2. Once appears the electrical failure, should refer to the transducer instruction which provided by our factory to repair. Please ask the specialized electrical personnel to carry on the debugging service, if has difficulty, the user should contact with our factory promptly.

4 Adjust Blade and Lubricate Maintenance

4.1 Adjust the blade's tightness (see also picture 3)

4.2 Please centralize oiling before operation, pull the oil handle, let the oil arrive each lubrication part.

5 Fittings and Contact

5.1 Fittings

(1) Toolbox

(2) 10 inch adjustable spanner

(3) Lubricating gun

(4) Neon-electroscope

(5) Eave tile spanner 45-52 each

(6) Hair brush

(7) 4 inch cross screwdriver

(8) 4 inch across screwdriver

(9) One set in-hexagonal wrench

(10) Tool setting spanner

(11) Oilstone

(12) Transducer user manual

(13) Machine user manual

(14) Product certificate