

BD-1050CS

Automatic Die Cutting Machine with Stripping



MAIN FUNCTIONS

1. LCD screen dialogue window displays all kinds of information with recording and setting functions.
2. Feeder can start to feed the first sheet of paper during high speed operation with fast speed and high accuracy.
3. Adopts paper catch pincer that can ensure accuracy during high speed operation.
4. Electronic control for slight left and right adjustment of feeder platform.
5. Paper feed belt buffer structure. Thin paper can be die cut easily, quickly and accurately.
6. Lubrication oil constant temperature control that can solve the unevenness of cold shrinkage and heat expansion problem and can also protect machine from wear and tear.
7. Electronic control digital display for die cut pressure. Operation is easy, clear and fast.
8. Imported excellent hardness die cut steel plate. Solid and durable and is hard to be damaged.
9. Die cut pressure protection device. Automatic shutdown when pressure is over 300 tons so as to ensure mechanical safety.
10. Electronic control air pressure type for wedging of die frame. Speedy, light and easy operation.
11. European main chain and vacuum pump. Durable and not easy to be damaged.
12. Comes with non-stop feeding and delivery with automatic subsidiary paper collection rack. Speedy automatic conversion.

MECHANICAL SPECIFICATION

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| Max. Paper Size | 1050 × 750 mm |
| Min. Paper Size | 400 × 370 mm |
| Max. Die Cutting Size | 1040 × 730 mm |
| Max. Cutting Pressure | 300 T |
| Min.-Max. Thickness Paper | 80g/m ² ~ 1500g/m ² |
| Max. Corrugated Board | 4 mm |
| Min. Gripper Margin | 8 mm |
| Max. Machine Speed | 7500 sheets/hr |
| Inner Size of Chase | 1145 x 755 mm |
| Size of Steel Plate | 1080 × 736 mm |
| Max. Feeder Overlap Height (with platform) | 1250 mm |
| Max. Delivery Overlap Height (with platform) | 1150 mm |
| Machine Total Power | 20 kw |
| Machine Length | 7060 mm |
| Machine Width | 3470 mm |
| Machine Height | 2500 mm |
| Total Weight | 15.6 T |

Touch-Screen



1. Display all information during operation.
2. Setting function for die cutting pressure/paper insert length indications etc.

Paper Feeding Device



1. Excellent and delicate feeder design that allows steady and accurate paper feeding.
2. Height and angle of one suction and two suctions can be adjusted individually.
3. Height and angle of first suction and second suctions can be adjusted individually.
4. Outfitted with preparation paper accumulation platform to enhance production volume and performance.
5. Outfitted with non-stop feeding speedy automatic conversion between main/ auxiliary paper rack.

Pressing Unit



1. US import pressure controller. Automatic shutdown when die cut pressure is over 300 tons in order to ensure mechanical safety.
2. Electrical equipment digital control for die cut pressure adjustment. Can be displayed on the screen for recording and setting.
3. Die frame adopts air pressure pinching.

Conveyance Positioning Structure



1. Push/pull device for horizontal positioning. Conversion is easy and simple and facilitate selection of paper.
2. During operation the two sets or front positioning can arbitrarily adjust the tolerance of front and back/slanting.
3. Double sheet device that can check whether there is double sheet feeding and it will shutdown to protect machine.
4. Automatic shutdown device that can check for abnormal precision of paper feed front / horizontal positioning.
5. Paper feed belt buffer device - to stabilize accuracy of thin paper.

Die Cutting Unit



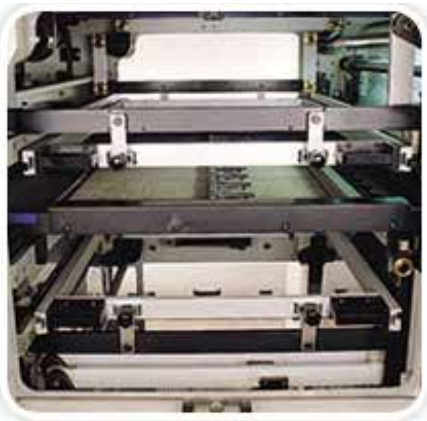
1. Curve operation structure with heavy loading durability Stable pressure, high precision, wear and tear durability.
2. Safety die cutting frame design, Easy installation and dismantling. Rotation die frame design that allows easy replacement of die cutters.
3. Imported excellent hardness die cut steel sheet, durable and wear and tear resistance.

Delivery Unit



1. Brush and lower / side nozzle are utilized to stabilize of uniform paper collection.
2. Non-stop delivery for full paper during operation.
3. Arbitrary paper number setting with paper indicator insert device.
4. Can set total paper number and automatic shutdown function.

Stripping Unit



1. Residue removal upper and lower push pin. Easy installation and dismantling. Adjustment is simple and quick.
2. Upper structure can be elevated or lowered depending on requirement.

Paper Margin Disposal Structure



1. Paper margin disposal discharge design is only available in model BD-1050CS.

