

**1500** Semi-automatic Die-cutting and Creasing Machine



## Specification

Die-cutting ways	Flat to flat (with upper platen fixed and lower platen movable)
Max. Paper Size	1500×1100 mm
Min. Paper Size	550×550mm
Max. Die-cutting Size	1495×1095mm
Min. Gripper Margin	7mm
Max. Die-cutting Pressure	120N/cm <sup>2</sup>
Paper Processed	Cardboard 200–2000 g/m <sup>2</sup> , Max corrugated board thickness 8mm
Die-cutting precision	±0.25mm
Max. Die-cutting Speed	4000 sheets/h
Max. Height of Feeding Pile	1400mm(from the floor)
Max. Height of Delivery Pile	1200mm(from the floor)
Power of main motor	11KW
Total Power	13.5KW
whole machine weight	16T
Dimensions(length*width*height)	4200×2300×2200mm(pedal is not included)

## The configurations of the machine



### Paper Feeding Part

\* The sheet separator is reliable and the feeder is fast and stable. There are 4-8 suckers suitable for various thickness of paper. The special vice feeding mechanism and its relative suggestive system ensures continuous feeding in running time.



### Paper Delivery Part

\* Paper's delivery is automatic and orderly. Efficiency can be greatly increased as the vice delivery device in running time is adopted. Paper sheets to be cut can be checked anytime in running with the sampling mechanism.



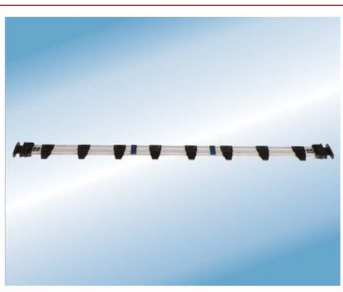
### Timing Lubricating

\* The Timing lubricating system is connected with machine's PLC system to meet automatic control of lubricating. Each lubricating spots can be lubricated by injecting oil. When to lubricate and how much oil should be injected can be set according to practice.



### Side Lay

\* The side lay, after special design, contains push and pull. You can choose the proper one according to different products with no need of changing parts. There is little movement of paper while the side lay is working and no worn for paper that contribute to transferring paper in high speed.



### Gripper Bars

\* The gripper bar is made of hard aluminum alloy with its surface treated by anode oxidation. It is with high intensity, little weight and inertia. Sheet's transferring can be finished with great precision in high speed.

## The configurations of the machine

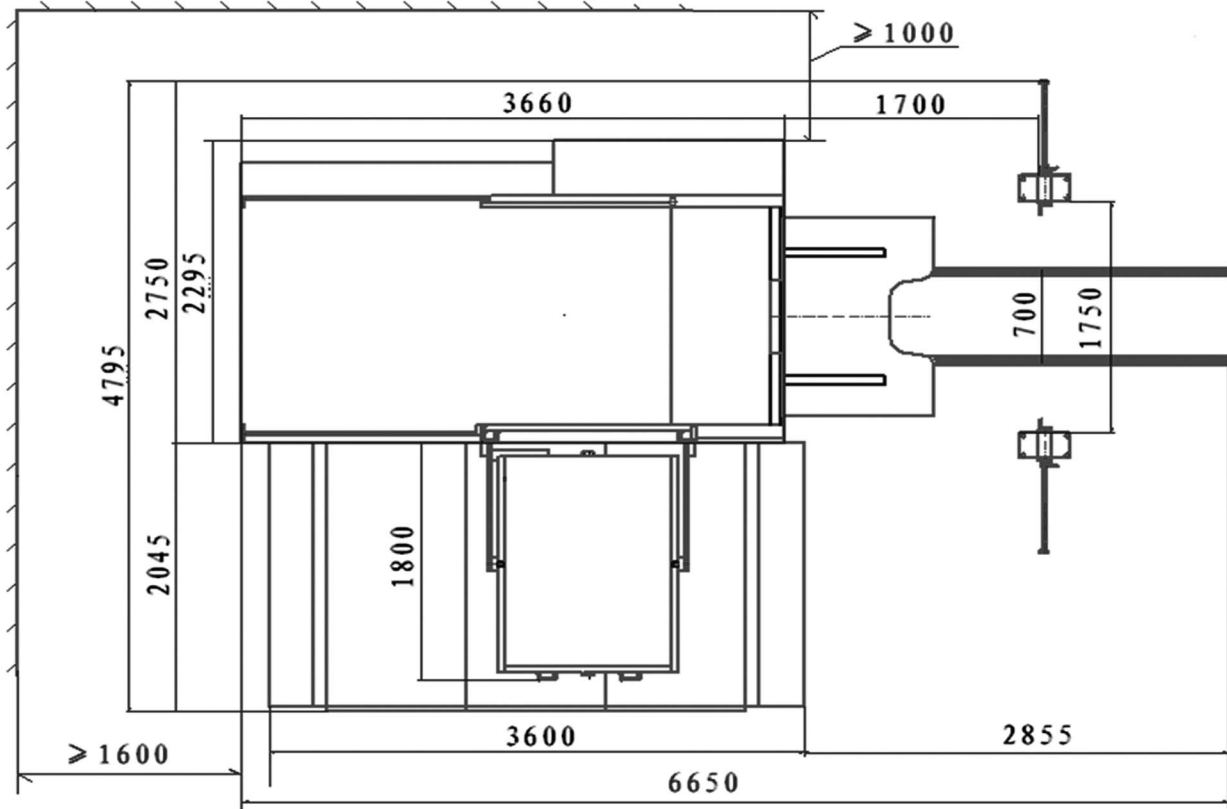


### Main Chain Drive

\* The main chain, imported from England, adopts over loading driving chain with precise length, high intensity against pulling and considerable abrasion resistance, Intermission mechanism adopts parallel three-can indexing mechanism with high precision.

The curve of cam is designed specially and the cam stroke angle is great to achieve smoother running of gripper bars. To ensure safety, imported over-load protector is added between intermission mechanism and axle of main driving chain in order to stop the machine automatically when over load occurs.

## FLOOR PLAN



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