

LK106MF Automatic die cutting machine with stripping



Introduce:

This LK106MF paper box die cutting creasing die-cutter creaser machine and stripping function adopts numerous advanced pneumatic and servo driving processing technology from home and abroad. After the strict assembly quality control, it has advantage of simple operation and safe reliable.

Specifications

Model	LK106MF
Max. sheet size	1060×770mm
Min. sheet size	450×370mm
Max. die cutting size	1050×750mm
Gripper margin	8-17mm
Paper range	90-2000g/m ² (cardboard) 0.1-2mm(cardboard)≤4mm(corrugated)
Maximum cutting force	300T

Max. mechanical speed	6500s/h
Max. stripping speed	6000s/h
Max. delivery pile height	1200mm
Max. feeding pile height	1350mm
Main motor power	15kw
Power rating	17.6kw
Machine weight	16000kg
Air supply	0.6Mpa, >0.37m ³ /min
Overall machine dimensions	6050×4200×2260mm

Detailed Images



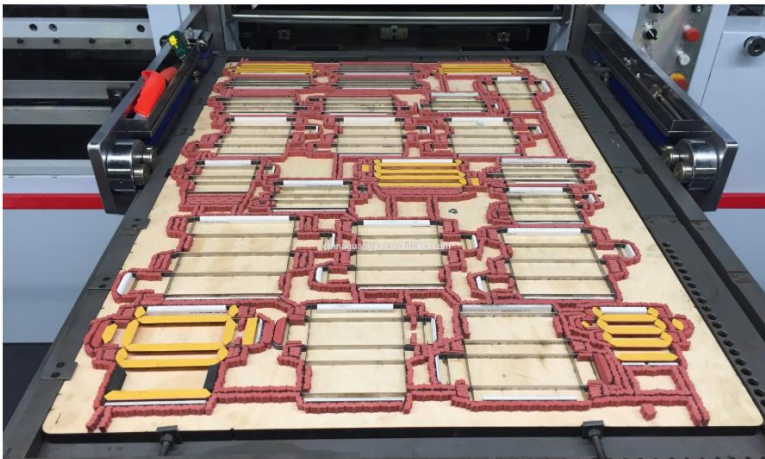
Feeder

1. Pile tray with a handle allowing manual lateral correction of the pile during production
2. Feeder protective device in case of crashing
3. Feeder is equipped with 4 lifting suction cups and 4 transport suction cups
4. The suction cups are adjustable according to the paper deformation in a lateral way
5. Side blowers adjustable with centerline marks. Blowers on both side of the feed system separate the product for a smooth feeding process
6. Adjustable while in operation: to fine-tune the feeder cycle to the platen
7. Safety system for lowering the pile tray

Feed table

1. Covered with an anti-static stainless steel plate
2. Double sheet detector
3. Support plates at the entry of platen station
4. Sheet hold-down device (guiding the sheets to the front lays)
5. Upper frame with manual lifting device
6. Wide conveyor belts ensure sheets accurately to the front and side lay units





Platen

1. Heated upper head
2. With 12 independent heating zones controlled by PID system
3. Gripper reopening device
4. Gripper fine adjustment
5. Automatic "on and off" pressure device of the platen
6. Equipment centering and locking.
7. Automatic locking of the chase against the upper beam
8. Measurement of the cutting force with strain gauge automatically

Stripping section

1. The stripping frame adopts upper, middle, lower structure
2. The stripping needle and male-female plate are available.
3. The stripping frame is equipped with centralized positioning and quick-clock system
4. The upper stripping frame was controlled by the motor



Delivery

1. Pile tray
2. Pneumatically controlled pivoting front jiggers
3. Adjustable rear and side jiggers with centerline marks
4. Braking Brush
5. Manual non-stop rack