

GST-1050 Full Automatic Stop Cylinder Screen Press

GST-1050 Full Automatic Stop Cylinder Screen Press adopts the classical stop cylinder technology with the advantages such as: paper located exactly and steadily, high precision, high speed, low noise, high degree automatization and so on, it is suitable for printing on ceramic and glass applique, electron industry (film switch, flexible circuitry, meter panel, mobile telephone), advertisement, packing and printing, brand, textile transfer, special technics etc.



Main features:

1. Driven by a special brake motor for frequency conversion, the whole machine is centrally controlled and operated by Mitsubishi PLC programmable controller, 7-inch color touch screen operation interface, displaying all functional data, printing operation is simpler and more convenient;
2. Automatic optical fiber positioning detection throughout the process, line failure, paperless, jammed scraper automatically rise and stop or not, reduce the waste of printing paper;
3. Set up a perfect alarm bell alarm system to prompt the operator to carry out targeted troubleshooting, so that maintenance is easy and fast;
4. The whole set of electrical components are imported products from Schneider and Yaskawa, which greatly improves the stability of the electrical system and reduces the frequency and difficulty of maintenance and overhaul;



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5. The cast iron frame and some components precision processed by the CNC "machining center" ensure the accuracy of key parts and ensure the stable and long-term rapid operation of the machine;
 6. The printing cylinder is made of stainless steel 316L material, which is precise and durable; The flexible range of the paper tooth is designed to be flexible, which is convenient to adjust at any time when printing on different thicknesses and thin papers;
 7. The paper output table that can be flipped 90 degrees, double conveying adjustable speed belt, practical size paper, convenient for screen cleaning, loading and unloading; Screen plate fine-tuning device, which can be adjusted in all directions up and down, front and back, left and right;
 8. Good gray cast iron (HT250), wall plate and base cast by aluminum mold, after aging treatment, and then processed by imported large-scale three-dimensional machining center, high precision level requirements, smaller processing error, the operation of the whole machine is more stable and reliable.
 9. Centralized lubrication control system: automatic lubrication of main transmission components, effectively prolonging the use accuracy and machine life;
 10. The appearance is made of environmentally friendly primer, which is carefully polished and painted, and finally the outer surface cover varnish;
 11. All pneumatic components adopt Taiwan Airtac brand, and the air pump adopts Becker vacuum pump;
 12. Printing knife and feeder platform are precisely controlled by separate brakes, and the pressure is uniform;
 13. The machine automatically detects whether there is paper or not, and automatically increases and lowers the speed;
 14. One-button pneumatic switching device for pulling&pushing side lay
 15. Mesh frame drawer design, can be pulled out as a whole, which is convenient for cleaning and loading and unloading of screen plates, and convenient for the calibration and adjustment of screen plates and prints.

Remark:

Equipped with independent single sheet paper reduction mechanism, feeding is more stable and reliable

Front gauge, pull gauge Japanese Keyence fiber inspection;

The paper conveying table photoelectric detection of whether there is material, deceleration



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and shutdown;

The latest double sheet detector

Technical parameters:

Max. paper size	800×520mm	1050 X 765mm
Min. paper size	350×270mm	560 X 350mm
Max. printing area	760×510mm	1050 X 740mm
Screen Frame Size	940*940mm	1300 X 1170mm
Paper thickness	90-250 gsm	90-450g/m2
Printing speed	400-3500 sheet/h	500-4000pcs/h
Total power	3P/380V/50Hz 9KW	3P 380V 50HZ 11KW
Total weight	3500KGS	5500KGS
Dimension	3200x2300x1680mm	3800 X 3200X1750mm
Feeder Head : Front Pick-up		

GWD1020 Wicket Dryer

1. There are 3 groups of heating, 1 heating box for each group, 1 cooling sections, and 8 fans for each group.
2. Drying box internal circulation air box, side insulation board reinforcement.
3. The left and right two sides of insulation isolation layer.
4. Machine overall color high temperature spray factory standard color.
5. Paper clip with Q235 material, two point chuck, surface polishing galvanized.
6. The button is made of schneider, and the temperature control and low voltage appliances are made of autonix brand.
7. The feeding port is suitable for the height of 860-890mm, domestic and imported automata, this machine does not include the bridge between the main engine and the drying channel.
8. This machine does not include equipment for receiving after drying.



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Technical Parameters:

Max. Paper size	1020*765mm
Max. Temperature	80℃
Height of the delivery	850mm
No. of wickets	1198pcs
Heating unit	2*4*6pcs*1kw
Cooling unit	10 pcs fans
Wickets	Stainless steel
Speed	2000pcs/h
Power supply	380V 50hz 40kw
External dimension	16200*2200*2300mm

GSZ(A)1020 Double Sheet Stacker



This machine is made up of an input bracket mechanism, a pushing-paper mechanism, a piling-board up-down mechanism and an electric control system.

The input-bracket mechanism contains conveyor belts and a blowing device. The conveyor belts are driven by a motor, whose speed is adjusted by transducer. The blowing device is used to blow the paper to move a distance after the paper leaves the belt. The paper will continue to be canied by the airflow. Then the blowing is shut off, the paper drops down to the piling-board.

The pushing mechanism is driven by a pneumatic cylinder, The position of the cylinder is adjusted easily to accommodate papers of different sizes

Note: this machine is not equipped with an air compressor; the cylinder working air pressure is 0.4MPa

Piling-board up-down mechanism is driven by four synchronous chains from electromagnetic motor. The board can be stopped accurately within a certain level.

Electric control system is controlled by PLC, which features easy and safe operation



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Technical parameters:

Max. piling paper size	1020*765mm
Min. piling paper size	560*350mm
Max. piling height	400mm
Total power	380v 0.97kw
Exterior dimension	2380*1363*980mm