

Introduction Of LM350 Intermittent Offset Printing Machine

LM350 intermittent offset printing machine is a kind of narrow type web printing equipment developed ourselves by referring to the design and manufacturing technology of international advanced sheet-fed offset printing machine. It can be used to produce labels, trademarks and packaging products.

In addition to the normal functions such as paper feeding, lithography, UV drying and rewinding, LM350 intermittent offset printing machine can also be equipped with functions such as varnishing, circular die-cutting, waste rewinding, longitudinal cutting, printing image detection, and cold foiling, etc. according to the user's production process, which can be combined into different configuration to meet the order requirements of various products.

Due to the lithography process, the machine achieves wide range of dot reproduction, which is suitable for fine high-quality printing, especially for the printing products with rich layers. Further, it can achieve high-quality printing reproduction effect for large-area solid color block. In order to adapt to the product printing of different sizes, it saves costs in preparing various specifications of cylinder and blanket cylinder in flexographic printing and variable sleeve (exchange cylinder) printing, but changing PS plates only, with short preparation time and low cost, bringing the best combination of cost performance and high cost-effectiveness for customers.

LM350 intermittent offset printing machine is a reasonable equipment for high quality middle-run / short-run printing in low cost, with characteristics such as easy operation, varied configuration solutions for achieving different printing process, high printing quality and short preparation time, etc.

Features:

1. This machine adopts shaftless driving system. Thanks to the separate servo motor driving for each printing unit, which ensures synchronous operation of each unit as well as high registration accuracy.
2. It is adopted segment tension control system while the unwinding tension and the printing tension are controlled in closed-loop system, which guarantees the high precision registration in high speed running.
3. The cylinder shoulder construction (plate cylinder and blanket cylinder are with shoulders) can effectively avoid happening ink bar and discoloration.
4. Short route inking system design (17 rollers) achieves fast inking as well as reducing inking adjustment time and paper waste.
5. Thanks to the 4 form rollers, which makes smooth and uniform inking.
6. Optional cooling system for ink fountain tank and ink vibrator roller, aims to meet the demand of waterless offset printing and high-quality printing.
7. The five-roller alcohol dampening system is easy to maintain perfect water/ink

balance; the water transitional roller can be adjusted on/off pressure according to the demand of the product for high-quality printing.

8. Optional inking remote control and color pre-setting function, help to adjust the color phase of the sample manuscript quickly and accurately. Even in normal printing, operators can preset ink data for the next job, reducing the ink adjustment time and paper waste.
9. Various choice in standard configuration and optional functions helps to reduce the printing preparation time and improve the effective start-up time of the machine.

Standard:

- Moveable remote control device for printing units.
- Axial remote control for printing plate cylinder
- Cocking remote control for printing plate cylinder

Options:

- Ink remote control and ink volume preset
- Automatic ink roller cleaning
- Automatic blanket cleaning
- Printing pressure adjustment
- Ink fountain roller cooling
- Ink vibrator roller cooling

Technical specification:

Max. web width	350 mm
Max. printing width	340 mm
Print length range	140 - 350 mm
Thickness of substrate	0.1 - 0.35 mm
Machine speed	180 rpm (60 m/min)
Max. unwind diameter	700 mm
Max. rewind diameter	700 mm
Pneumatic requirement	0.7MPa (7 kg/cm ²)
Gross power	30kW/6 colors (without UV)
UV power	4.8kW/printing unit
Power	380V/3P
Overall dimension	9750 x1720x1690 mm
Machine weight	About 12.5t / 6 colors version