

Technical Specifications

Maximum Paper	:	380 x 508 mm
Minimum Paper	:	100 x 150 mm
Printing Area (Maximum)	:	360 x 490 mm
Maximum Bag Size	:	356 x 482 mm (14" x 19")
Minimum Bag Size	:	200 x 250 mm (8" x 10")
Blanket	:	4 Ply Rubber blanket, 1.9 mm thickness
Gripper Margin on Plate	:	32 mm
Gripper Margin on Paper	:	8 to 10 mm
Gripper Bite	:	4 mm
Plate Thickness	:	0.2 mm (Direct Offset Master can also be used)
Paper Thickness	:	30 to 300 gsm
Bag Thickness	:	60 to 150 gsm
Inking Unit	:	15 Rollers including 3 Oscillators and 2 Form Rollers
Dampening Unit	:	4 Rollers including 1 Oscillator and 1 Form Roller
Main Drive Motor	:	1.5 Hp AC 3 Phase (Connectable to Single Phase Power Supply)
Compressor Pump Motor	:	1 Hp AC Single Phase
Control Panel	:	Latest productivity monitoring type
Speed for Paper	:	1500 to 6000 sph
Speed for Bag	:	1500 to 3000 sph
Lubrication	:	Centralised Lubrication system
Physical Dimensions		
L x W x H	:	1700 x 1340 x 1400 mm
Net Weight	:	1050 Kgs. Approximately
Gross Weight	:	1350 Kgs. Approximately

Features at a Glance!

- Front Loading ● Three Cylinder Design ● Chain Delivery System ● Plate Clamp-Sliding Type ● Paper Guides on Feeder Table for easy adjustment and feeding of various paper stocks and sizes ● A hi-tech Double Sheet Detector ● No Sheet Detector ● Ball Shoe Guides for smooth paper feeding ● Pull Type Side Lay on both sides ● Gear-driven Oscillators ● Larger Ink Fountain Roller of 60 mm dia and a mechanism of fine control with 8 steps ● Swing Type Ink Duct/Tank for greater flexibility, reduced cleaning time and enhanced productivity ● Delivery Stacker ● Special Feed table for feeding Non-woven bags
- Fans at delivery for quick drying ● Kompac Automatic Dampening System (Optional)



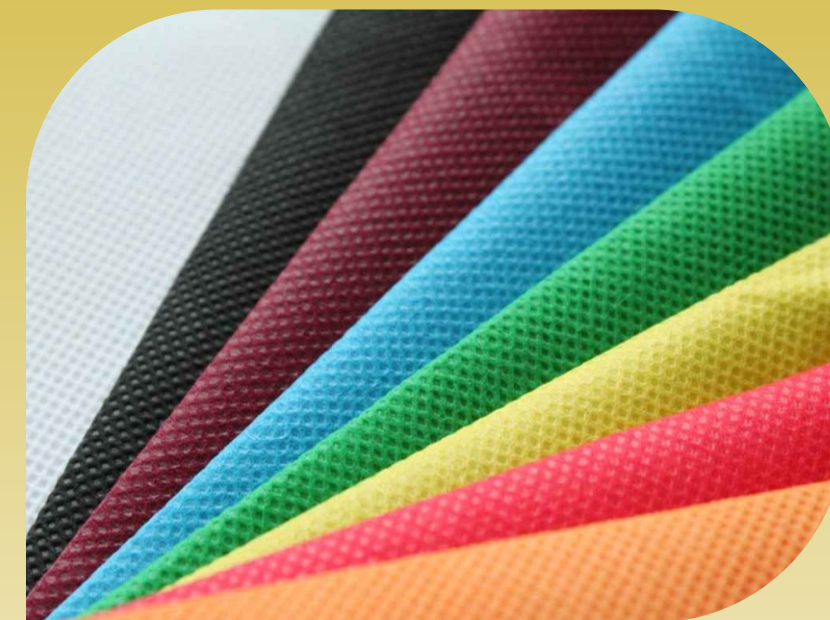
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Due to continuous development and product improvements, the company reserves the right to change/alter the specifications mentioned herein.

Autoprint Knight NX



A compact strategy to check-mate competition



Autoprint has been the Indian pioneer in the manufacture of sophisticated mini-offset printers and other machines for the printing industry. Built to offer high quality results with economy and reliability, the machines have been designed to meet the requirement for quality short run jobs. Utilizing technology developed by Autoprint's own R & D Centre, the machines have proved their worth not only in India but abroad as well. The 'Plug 'N' Print' capabilities of the machine are complemented by a country-wide support network and Autoprint's highly customer focussed approach to marketing.

**The quality of large offset.
The features of large offset. The price of mini offset.
Presenting Autoprint Knight NX
the machine you helped design!**

You wanted a machine that could elevate your printing jobs from cut-colour to multi-colour, from mediocre to high quality, from limited benefits to advance features...

Your needs and your feedback have played a major role in the creation of Autoprint Knight NX: a single colour mini offset machine that can offer you excellent multi-colour quality at affordable prices. Autoprint Knight NX is an ideal upgradable solution for small offset printers across the country - and the world!

Autoprint Knight NX comes to you with most of the features of large offset. So you can get the quality of large offset in small format printing. In fact, it is for the first time, that a small offset machine has been packed with so many sophisticated features!

Inking & Dampening System

Roller Construction : The machine is provided with 15 ink rollers, including 3 Oscillators and 2 Form Rollers. The Dampening System has 4 Rollers, including 1 Oscillator and 1 Form Roller. These Rollers ensure near-perfect dot transfer to the plate and enhance the machine's capability of handling jobs of various contrasts - from light to dark, effectively.

Gear-driven oscillators ensure more oscillation (20 mm). Increased oscillation means better ink grinding, faster and even ink spread, better dot strength. This also enables better printing of large, solid areas.



Knight NX is designed for printing both paper as well as Non-woven bags. This machine is capable of feeding 100 bags on the feed table by changing few parts in a short span of time. So, customer can benefit by running both paper and Non-woven bags on a single machine.

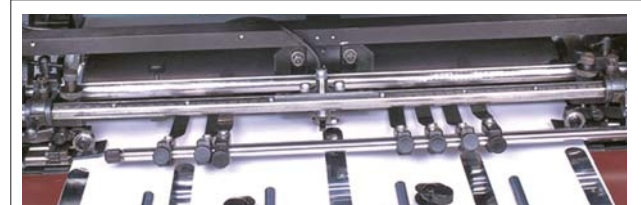
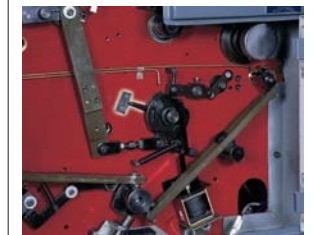
Delivery Stacker

The standard feature of Delivery Stacker enables proper and orderly stacking of paper.



Pressure Adjusting Scale

Blanket to Impression Cylinder Pressure Adjusting Thumb Screw (Scale)



Pull Side Lay on both sides

The Pull Lay on both sides of the Register Table, aligns paper and maintains precise registration during printing, on either side of the paper even during high speed printing.

The machine is equipped with a 'No Sheet' sensor to prevent damage to the Blanket and enhance its life.



Control Panel

A state-of-the-art Control Panel ensures operational ease. It provides for speed control, inching, copy counting, pre-setting and overload protection along with operator safety.



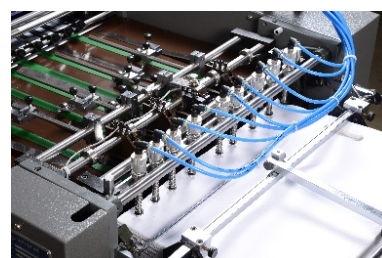
Speed Set Plate Clamp

The Plate Clamp in Autoprint Knight NX comes with new, additional features, like a Sliding Type Tensioning Mechanism, Register Pin Location and Scales. These significantly reduce 'make ready' time and improve your efficiency and productivity.

Ball Shoe Guides

The machine comes with Paper Guides on Feeder Table for easy adjustment and feeding of various paper stocks and sizes.

Ball Shoe Guides have been provided on the conveyor board for smooth paper feeding. These Guides also ensure better registration during printing.



Swing Type Ink Duct

A larger Ink Fountain Roller of 60 mm dia and a mechanism of fine control with 8 steps ensures more even ink flow into the ink tray and improved ink coverage making it possible to effectively print large solid areas: a feature which makes it suitable for printing tags.

The Swing Type Ink Duct/Tank provided in the machine makes it easy to clean the duct without removing it from the machine. This user-friendly feature allows for greater flexibility, reduced cleaning time and enhanced productivity.

