



STARFLEX

Narrow and Mid Web Flexo Presses

Labels | Flexible Packaging | Paper

Corporate Profile & Manufacturing Facility



Plant 1



Plant 2



Assembly Hall



Established in 1990, NBG Printographic Machinery Co (P) Ltd., is a leading manufacturer of printing machines located in Faridabad, India. An ISO 9001:2015 certified company with more than 2000 installations of printing and packaging machines across India and exported to 30 countries worldwide. A high rate of repeat business highlights the consistent quality and reliability of our machines.

Our team, comprising some of the best minds in the industry, leverages the latest technology, design software, and systems to engineer innovative and robust solutions. Backed by a fully equipped manufacturing facility with advanced CNC machines, and a stringent quality assurance division using precision tools and CNC inspection systems, NBG ensures that every component meets international quality standards.

Our Product Portfolio

QUAD

Paper Bag Machine

STARFLEX

Narrow / Mid / Wide Web Flexo

STAR newsprint

Web Offset Presses

ROLSTAR

Slitter Rewinder

ExACTUS

Precision Sheet Cutter

NBG PRINTOGRAPHIC MACHINERY CO. PVT. LTD.

An ISO 9001:2015 Certified Company



CMM Inspection
(Machine Frames)



Vertical CNC
Machining Center



Horizontal CNC
Machining Center

- Established in 1990 for manufacturing Printing and Converting Machines.
- Prior to 1990 the promoters were involved in manufacturing of critical parts for printing and converting machines.
- Certified with ISO 9001:2015
- A right mix of experienced and young team
- High-end Manufacturing facility with latest equipment like CNC Turning, VMC and HMC Boring to produce consistent quality
- State-of-the-art quality inspection equipment like CMM and digital inspection systems.
- CE Certified products. (as per requirement)

Mission

To leverage our engineering expertise gained over the last three decades and develop NBG into a prominent and reliable supplier of the latest converting and printing equipment, with the aim of gaining market share alongside overall growth.

Vision

We seek to serve the packaging industry and be a driving force behind innovation and sustained growth.

**One Stop Solution For
Printing & Packaging**

Technical Specifications

Model	350	450	550	670	800
Max Working Width	360 mm	460 mm	560 mm	680 mm	810 mm
Max Printing Width	350 mm	450 mm	550 mm	670 mm	800 mm
Max Die Cutting Width	350 mm	450 mm	NA	NA	NA
Print Length Min	8" (203.2 mm)	10" (254 mm)	12" (304.8 mm)	16" (406.4 mm)	16" (406.4 mm)
Print Length Max	24" (609.6 mm)	24" (609.6 mm)	*24" (609.6mm)	40" (1016 mm)	40" (1016 mm)
Max Unwind Dia	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
Max Rewind Dia	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
Die Cutting Length Min	10" (254 mm)	12" (304.8 mm)	NA	NA	NA
Die Cutting Length Max	24" (609.6 mm)	24" (609.6 mm)	24" (609.6 mm)	NA	NA
Matrix Dia	750 mm	750 mm	600 mm	NA	NA

Drive Options

Semi Servo (MLS)	Y	Y	N	N	N
Single Servo (ELS)	Y	Y	Y	N	N
Double Servo (ELS)	Y	Y	Y	Y	Y

* Repeat upto 40" available as optional

MLS - Mechanical Line Shaft

ELS - Electronic Line Shaft

Substrate Compatibility with Machine Models

Substrate	Min thickness	Semi Servo (MLS)	Single Servo (ELS)	Double Servo (ELS)
Self Adhesive Labels Supported Labels	Chromo			
	PET			
	BOPP			
	PVC			
Paper Unsupported	Glossy / Coated 60-100 GSM			
Light Carton	upto 250 GSM			
Film / Foil	PET 12 Micron			
	PE 30 Micron			
	BOPP 38 Micron			
	Shrink PVC 50 Micron			
	LDPE 60 micron			
Laminate	ABL / PBL (Laminate)			
Aluminium Foil	Hard Foil 20 Micron			
	Soft Hard Foil 50 Micron			

Printable	Printable with Exceptions	Not Printable

Standard Features

- Top Loading Print Cylinders
- Servo Driven Infeed, Out Feed, Unwind Rewind
- Tool Less Operations
- Snow Ball Matrix
- Easy Loading Die cutting
- Track Across Printing for
Cold Foil / Turn Bar / Delam relam
- Digital Web Viewing

Optional Features

- Auto Registration
- Chill Drums
- Online Screen
- Digital Printing
- Hybrid UV
- Chambers for Special Inks
- Gravure Units for Coating
- Offset Printing Units

Expanding Possibilities

NBG brings you the latest in Flexo Printing for Labels, Packaging and other applications. With its servo drive and sturdy structure, STARFLEX can handle wide range of substrates from 12 Micron film upto 400 GSM board and more. The capability to add other printing systems like Offset, Gravure, Rotary Screen and Digital printing makes it versatile and customizable machine for multiple applications and thus EXPANDING POSSIBILITIES

STARFLEX Narrow and Mid Web Flexo Press



STARFLEX is a modular Rotary Flexo Printing press which can be offered as a multi purpose combination press with following printing combinations as per the requirement

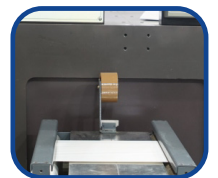
- Offset
- Gravure
- Rotary Screen
- Letter Press
- Digital Printing

Optionals

- Surface (Corona) Treater
- Web Cleaning
- Servo Controlled Brake
- Splicer with Turret Rewind
- Chill Drums for unsupported films
- Pre-Register and Auto Register Control
- Re-pass for printing

Inline Embellishing & Converting options

- Cold Folling
- Sheeter
- Embossing
- De-lamination and Re-lamination
- Rotary Die Cutting



Splicing Table



Rotary Die Cutting



Top Loading



Servo Drive



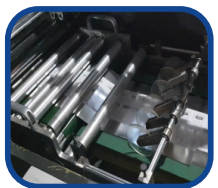
Turn Bar



Cold Foil

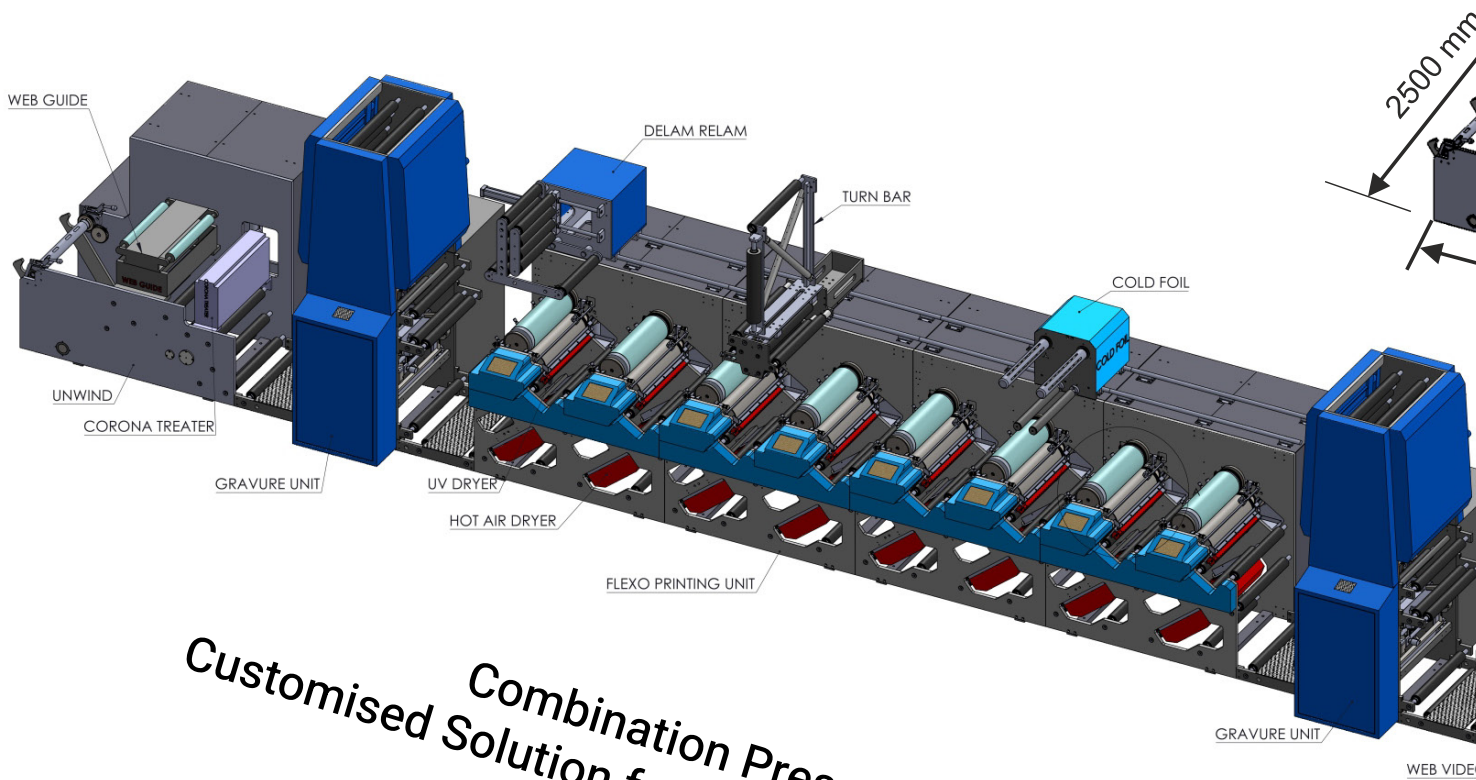


Reel Output

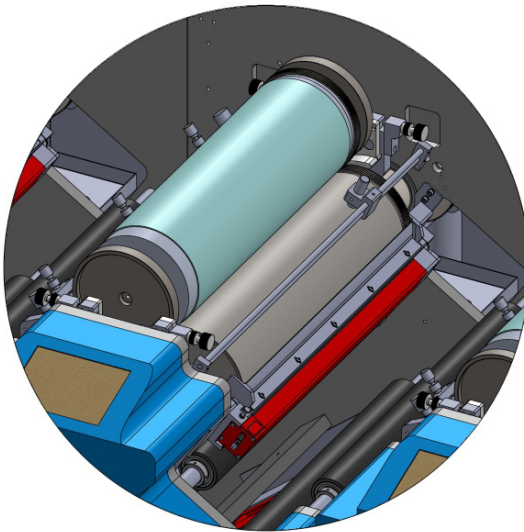


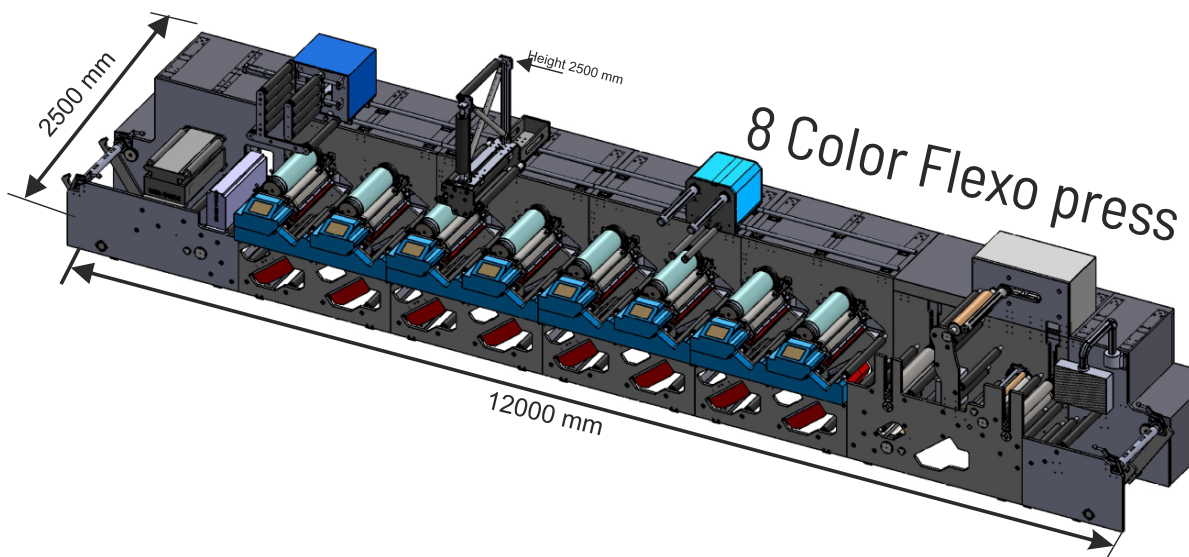
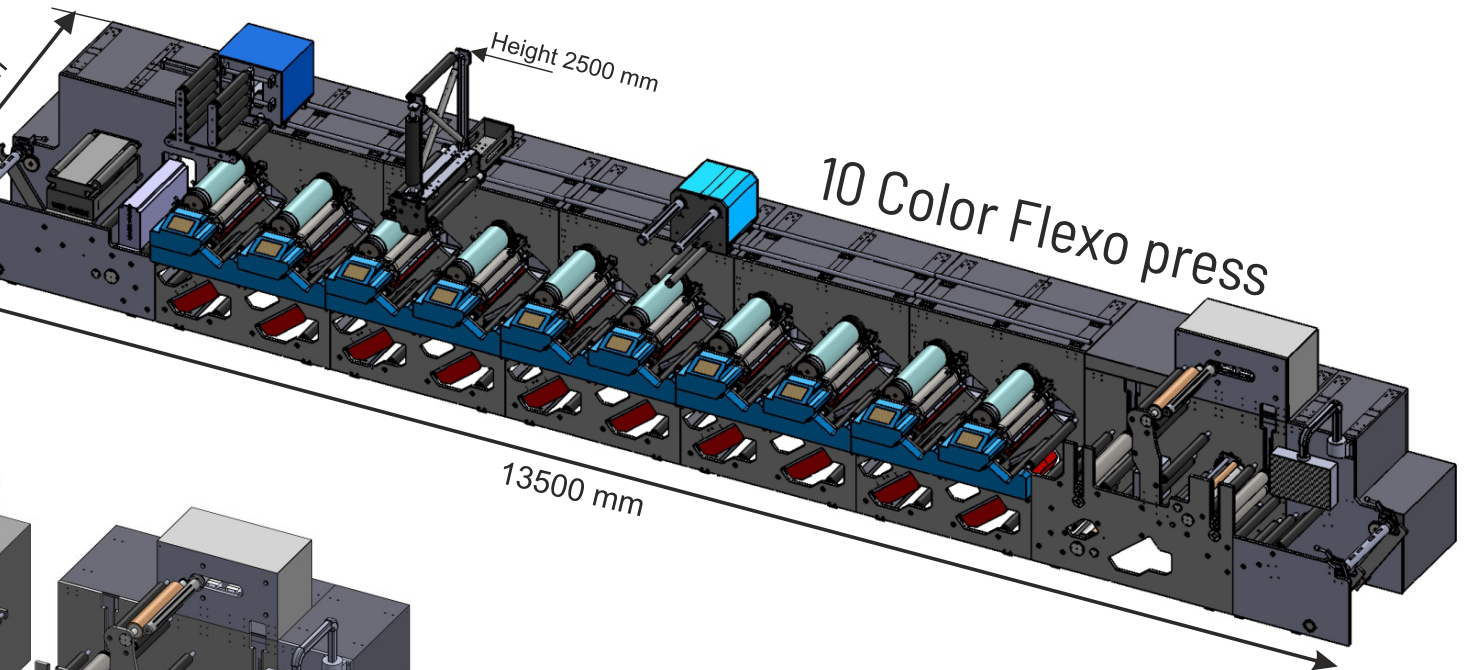
Sheet Output

Expanding Possibilities



Combination Press
Customised Solution for Future requirements





Auxiliary Equipment

Automatic Inspection Rewinder



Introducing our Label Inspection Slitter Rewinder featuring a cutting-edge 4K camera for unmatched precision in label quality control. Real-time defect detection, advanced slitting, and an intuitive interface ensure optimal efficiency. Redefine your production standards with our innovative solution.

Video Plate Mounter



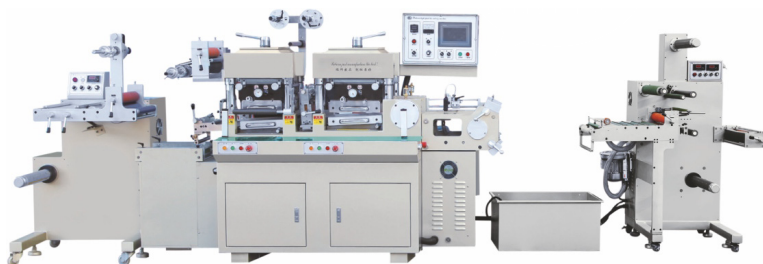
Slitter Rewinder



Anilox Cleaner



Flat Bed Hot-Foiling & Die-Cutting Machine



End User Sectors

SELF ADHESIVE LABELS



ICE CREAM CONE WRAPPERS



THERMAL PAPER FOR ATM / POS ROLLS



WRAP AROUND LABELS



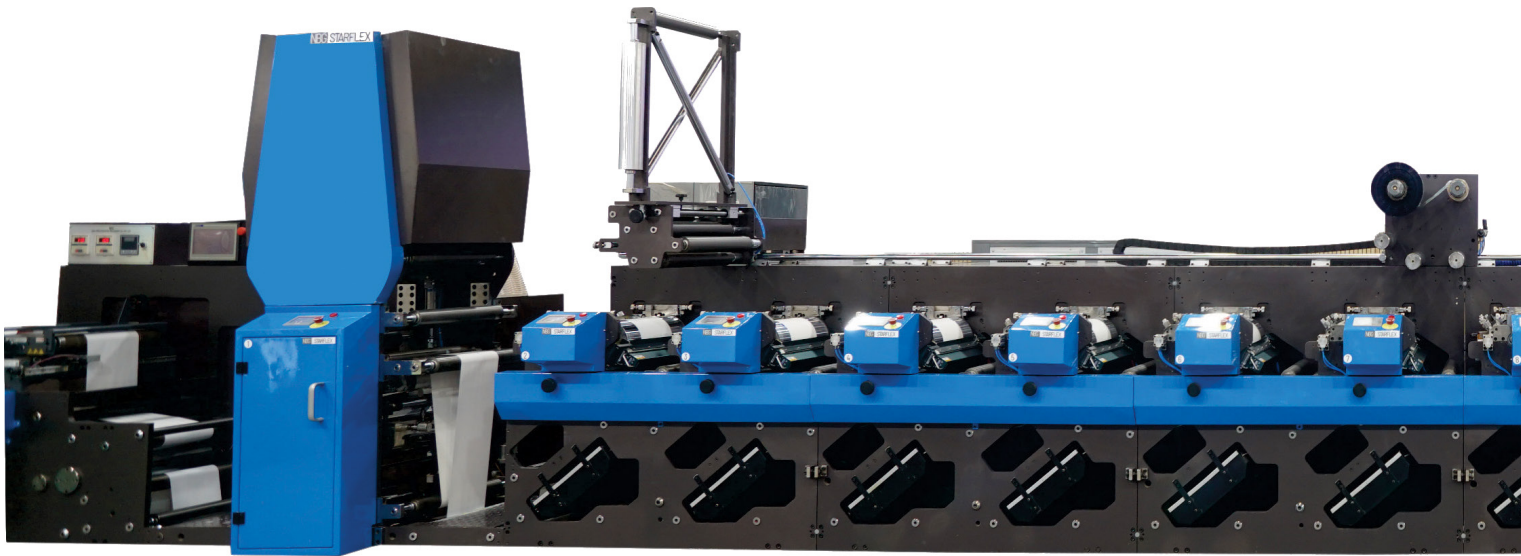
FOLDING CARTONS



FLEXIBLE PACKAGING FOR PAPER & FILM



NBG | STARFLEX



**NBG PRINTOGRAPHIC
MACHINERY CO. PVT. LTD.**
Manufacturer & Exporter

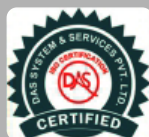
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ISO 9001:2015 Certified

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