HR

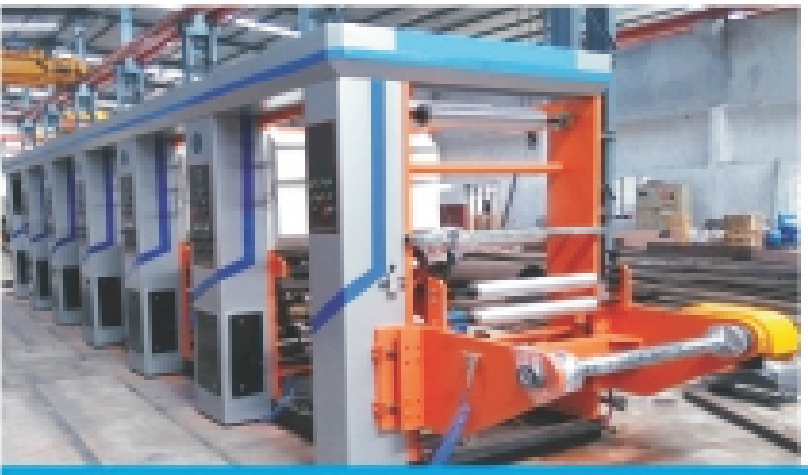
The Range

"SHRI HR CONVERTING MACHINERIES"

A Company Of Quality.

SHR "SHRI HR CONVERTING MACHINERIES"

A Company Of Quality.



TOTAL SOLUTION PROVIDER FOR CONVERTING INDUSTRIES

CONTENTS:

- About Us
- Printing Machine
- Cantilever Slitting machine
- Surface slitting machine
- Mini Slitter cum doctoring machine
- Simple doctoring machine
- Dry lamination machine
- Wet lamination machine
- Solvent less lamination machine
- Heat & Press lamination machine
- VMCH Coating machine

ABOUT US

We"**SHRI HR CONVERTING MACHINERIES**" have great pleasure to introduce our selves as re knowned name in converting machineries backed by highly experienced technocrats. I also introduce that we are Detached/Separated from **Suddha Converting Machineries Pvt. Ltd. (Suddha Group)**

We are in the field of packaging for long time and were working with major big houses of converting fields. Apart from production we focused more on developing innovative solution to exclusive process problems

These solution give us a great deal of creative satisfaction,and built for us a satisfied clients.

Not only we are making flexible packaging machineries but a wide range of machineries for Aluminium foil converting machineries.

We also mention another delightful aspect of our business,As we matured into standardize production and improved in house quality control,It is totally transformed the way we did our businesss and give us better control over our production cost.In fact to must of our new client,our price come as a pleasant surprise,and if yo ask us,this is our goal – REASONABLE PRICE & SUPERIOR QUALITY.

SITUATED

SHRI HR CONVERTING MACHINERIES

555/1,Surbhi Engineering Compound,Nr.Gulab Oil Factory,Rakanpur Char Rasta,Santej,Ta.Kalol,Gandhinagar,382721(India)

Has situated nearest Ahmedabad city from Airport 27 Km. & Railway Station 20 Km.

CORE VALUES

Financial: Our decisions will be made to ensure long term growth for the benefit of customer & employees.

Technical: Our competitive advantage is based on continuously improving our processes and finding innovative solution to meet the technical challenge of our customers.

Respect for customers: Our employees will be developed and motivated to meet the challenges ahead. We provide our customers with unsurpassed value-added services.

PRINTING MACHINE

- This Printing machine gives vibration free noiseless & steady production even at high speed because of its sturdy & robust construction.
- Gear boxes made of hardened and profile ground gears to transmit power to printing cylinder and doctor blade assemblies.
- Impression rollers, dryers, doctor blades & in feed out feed nip are pneumatically actuated.
- All Idler rollers are dynamically balanced and are made of high grade Aluminium materials.
- To ensure efficient and complete drying of web every printing station is comprised of independent drying hoods,mounted vertically and have specially designed air splitting system consisting of air nozzles in such a way that each nozzle row faces an idler roller beneath.
- To control proper sectional tension of the web multi drive controls are used to ensure high quality production at high speed.
- To enable easy loading & unloading of rolls the unwind and rewind system is having Air shaft & Safety chuck.
- SIEMENS make reputed digital A/c drive

STANDARD SPECIFICATION

Nos. of printing stations max. up to	8 Colours
Web width range	400 mm to 1000 mm
Cylinder repeat	400 mm to 1000 mm
Un-winder Diameter	1000 mm max.
Re-winder Diameter	1000 mm max.
Designed Line speed	150 MPM
Drying Media : Electrical Heating/ Hot Air Generator	

Unwind & Rewind

Drying Hood

Doctor Blade Assembly

Heating Zone Assembly

CANTILEVER SLITTING MACHINE

General Description

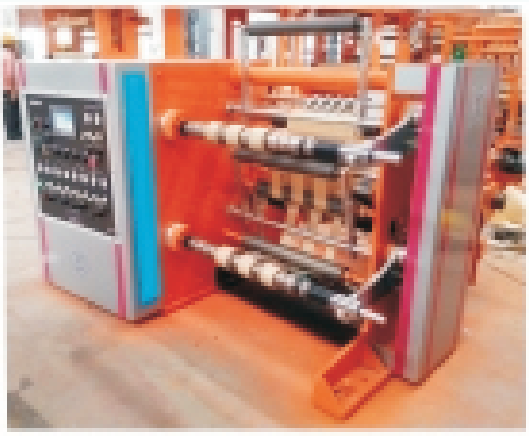
- This multipurpose Slitter Re-winder is a duplex, cantilever, centre winding machine capable of handling virtually any material from high tensile film, Aluminium foil and film laminates at high speeds, It is designed for easy operation with maximum automation. It provides an economic and easy solution to cater to the increased production demands by up gradation to a higher level of automation.

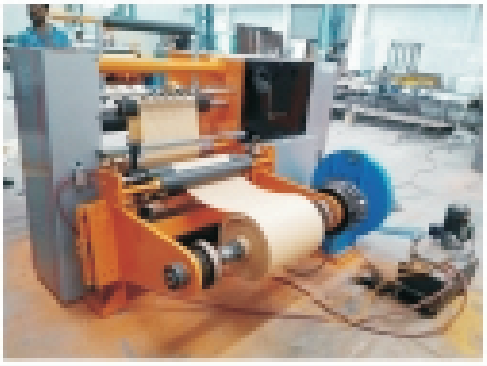
Special Features

- Control system with digital A.C.Drive of SIEMENS make & un-winder tension control with load cell based pneumatic brake is be provided with the machine.
- Safety interlocks are provided in all operation sequences.
- All motors are of standard makes, Digital unwind web cum line guide system with heavyduty travelling trolley is provided.

STANDARS SPECIFICATION

Materials to be process	Flexible materials,Aluminium Foils ,Papers
Working Width of the machines	800 MM,1000 MM,1200 MM,1500 MM
Un-winder Diameter	1000 MM
Re-winder DiameterMinimum	600 MM
Sliting Size	25 MM & 50 MM
Max.Production speed	400 MPM To 600 MPM





SURFACE SLITTING MACHINE

General Description

- This duplex surface winding machine is robust in construction and very much suitable to handle wider materials.
- It is also suitable for thick PVC, Aluminium foils, Poly films etc.

Special Features

- Duel slitting with Top & Bottom rotary slitting and Razor blades in Groove roll with minimum change over.
- A high capacity trim disposal unit complete with fan-motor and chute in provided.
- Twin re-winder on surface drum to accommodated the slitted strips alternately in two portion.
- A pneumatic lifting system will be provided with rewind arm to assist the finished materials to handle properly. It can also create positive pressure on winding if required.
- Un winder on heavy duty travelling with web guiding system complete with roll assembly and adjustable roll.

STANDARDS SPECIFICATION

Materials to be process	Flexible materials,Aluminium Foils ,Papers
Working Width of the machines	600 MM,1000 MM,1200 MM,1500 MM
Un-winder Diameter	1000 MM
Re-winder Diameter	600 MM
Minimum Slitting Size	50 MM
Max. Production speed	200 MPM To 350 MPM

MINI SLITTER CUM DOCTORING MACHINE

Application

- Perfectly Suitable to salvage any type of wrongly build up & defective printed, laminated reels up to 500 mm width with very less change over time by single operator.

General Description

- All passing rollers are heavy duty and dynamically balanced .
- Air shaft on Re winder & Un winder for quick change over.
- Web guide base heavy traking trolley is also be provided.

Heat & Press lamination machine

Application

- To laminates poly film with pharma grade Aluminium foil by pressure application through rubber rolls in presence of hot drum and to apply a thin coating or shellac on foil surface.

Standard Feature

- Latest digital drive technology with SIEMENS Drive.
- Unwind control system with pneumatic Brake.
- Chilled roll for cooling of laminated foil & before rewinding.
- Adjustable rolls are provided in different positions to compensate gauge variation of any windindg defects on foil.
- Rotogravure method shellac wash unit with pneumatic pressure and suitable top tunnel drying system.
- High velocity drying system equipped with top dryer to dry shellac wash at high speed.

STANDARDS SPECIFICATION

Web width range	1000 MM
Primary Un winder materials	20 To 50 mic Pharma grade alum. foil
Secondary Un winder Materials	100 To 150 mic LDPE film
Primary Un winder Diameter	1000 MM
Secondary Un winder Diameter	500 MM
Re winder Diameter	1000 MM
Max Production Speed	100 MPM
Drying Media	Electrical Heater/ Hot Air generator

VMCH Coating machine

General Description

- V.M.C.H Coating on Aluminium foil, and to apply a thin coating of shellac on reverse foil surface in a single operation.

Coating Method

Shellac coating – Gravure method
VMCH Coating – Three roll coating system/Gravure method.

- Pneumatic application for pressure roller, doctor blade, drying hood and nip unit.
- High velovity VMCH drying system equipped with insulated drying tunnel of suitable length.
- Shellac drying system equipped with insulated drying tunnel of total suitable length.
- VMCH tunnel is distributed in 5 Heating zone & 2 cooling zones having individual air blower foe better temperature control.
- Top dryer rollers are of Teflon coated to protect laquire shifting from coated foil.
- Separate air blower for shellac unit.
- Air nozzle distribute uniform hot air across the wash width and are placed against idle rollers for proper web supports.

STANDARDS SPECIFICATION

Working Width of the machine	1000 MM
Un winder Diameter	1000 MM
Re winder Diameter	1000 MM
Material to be processed	Blister Aluminium Foil 20-25 Mic.
Max.Production Speed	100 MPM
Drying Media	Electrical heater/Hot air generator

SOLVENTLESS LAMINATION MACHINE

General Description

➢ SolventlessLaminator is suitable for high-speed solventless adhesive lamination of different types of plastic/metalized films, paper and aluminum foil. This application is most suitable for food packaging industry.

GENERAL SPECIFICATIONS

- Max machine speed : 400mtr/min
- Web width : 1000 mm to 1300mm
- Un-winder / Re-winder diameter : 1000mm

MAIN FEATURES

- Laminating station is located on the opposite side of the gluing section. This results in their close proximity with the un-winder of the material to be laminated.This particular configuration facilitates and optimizes the lamination of delicate webs such as thin aluminum foil at high speed.
- High precision measuring steel roller with three rollers for adhesive transfer.
- Precision micro gap adjustment for adhesive ensures precise coating weight.
- Independent rubber roller for loading/unloading
- Back up pressure for lamination nip to ensure better performance.
- Roller heating through water heating systems.
- High precision digital a/c vector drive.
- All electrical and electronic components are confined inside of a cabinetwhich is part of the machine body for easier wiring and maintenance.
- Very precise tension controls due to selected electronic components.
- Shaft less un-winders and re-winder.
- Thick stress released metal frame.

DRY & WET LAMINATION MACHINE

APPLICATION

Dry Lamination of two webs. Three webs can be laminated in second Operation. Coating of special lacquers also can be made. Attachment of Wet Lamination can be incorporated on request

GENERAL SPECIFICATIONS

Web width	from 300 mm to 1000 mm
Substrate to be processed	Polyester, BOPP, Alu. Foil, LDPE/HDPE.
Max. Production speed	150 mpm

Gravure coating method is followed. Coating roller mounting assembly can accept integral shaft type as well as hollow type coating rollers. Pneumatic applications systems for the pressure rollers. Pneumatic pressure application system for the doctor blade units. Unit heating system either by electrical radiator or indirect air heating system with imported burner or through thermic fluid radiator system and with drying tunnel of 30 feet length.

A tailor made machine. Hoods are pneumatically opened for easy guiding of the web and cleaning of the idler rollers. Air volume can be controlled by manual dampers at each entry point. Exhaust nozzles are equally distributed along with tunnel length. Pressure of dry nip unit is pneumatically applied, this ensures equal pressure across the web width. Customized drive suitable to users application & budget. It also ensures flexibility of a tailor made machine. Cat walk along the machine length provides easy access to the drying tunnel . Sturdy construction of body enable high speed coating lamination without vibration. Web guide unit for primary unwinder.

Web chaser in poly unwinder to guide poly film with coated film reference.

Center or surface type re-winding system.

CUSTOMISED FEATURES ON REQUEST

After sales service:

- Any time technical support
- Any service at any part of the word
- Upgradation required at any point of time
- Any time spare parts availability
- Training support at our/your place

"SHRI HR CONVERTING MACHINERIES"

A Company Of Quality.

Works & Service Centre

555/1,Surbhi Engineering Compound,Nr.Gulab Oil Factory,Rakanpur
Char Rasta,Santej,Ta.Kalol,Gandhinagar,382721(India)
M : 9537269153, 9227413396
Email : shrihr18@yahoo.com Website : www.shrihr.com