



SAI CONVERTING
Technical solution through innovation

Mfg For : FOIL, PAPER & FLEXIBLE PACKAGING MACHINERY



HIGH SPEED ROTOGRAVURE PRINTING

MODEL : SUPER ULTRA-250



Features:

1. Air shaft with safty chuck in rewinding
2. Air shaft with safty chuck shaft in unwinding
3. Optional: Water cooling device
4. Heat loss system to save energy
5. Centralize exhause air device
6. Computer register system (brand according to clients)
7. Video inspection unit (brand according to clients)
8. Seven drive system
9. Auto turret splice system
10. Shaft less Cylinder system
11. High efficiency gearbox

Technical Specifications:

- Web Width : 500 to 1400 mm
- Printing Repeat : 380 to 1000 mm
- Unwind & Rewind Dia 1000mm
- No. of color : 1 to 10 color
- Machine Speed : 250 meter per minute
- Automatic lateral register control systems
- Low friction ball screw LCA compatible with auto register control system
- Slide type one side drying hood system with pneumatics operated
- Pneumatically operated multi angle control doctor blade system (oscillation)
- Lock type with handle change over of doctor blade ensures quick change over

HIGH SPEED ROTOGRAVURE PRINTING

MODEL : SUPERSONIC-200



Features:

1. Air shaft with safty chuck in rewinding
2. Air shaft with safty chuck shaft in unwinding
3. Heat loss system to save energy
4. Centralize exhause air device
5. Computer register system (brand according to clients)
6. Video inspection unit (brand according to clients)
7. Five drive system
8. Shaft less cylinder system (optional)
9. High efficiency gearbox

Technical Specifications:

- Web Width : 500 to 1400 mm
- Printing Repeat : 380 to 1000 mm
- Unwind & Rewind Dia 800mm
- No. of color : 1 to 10 color
- Machine Speed : 200 meter per minute
- Automatic lateral register control systems
- Low friction ball screw LCA compatible with auto register control system
- Slide type one side drying hood system with pneumatics operated
- Pneumatically operated multi angle control doctor blade system (oscillation)
- Lock type with handle change over of doctor blade ensures quick change over

STANDARD ROTOGRAVURE PRINTING

MODEL : SUPERSONIC-150

150 MPM



Technical Specifications:

- Web Width : 500 to 1200 mm
- Printing Repeat : 380 to 1000 mm
- No. of color : 1 to 10 color
- Speed : 150 meters per minute
- Slide type one side drying hood system
- Multi angle control doctor blade system (oscillation)
- Heavy duty steel structural (vibration free)
- Low friction dynamically balance guide rolls
- Impression and doctor blade system pneumatics
- High efficiency gearbox
- Five drive system
- Registration motorized
- Web video (optional)
- Air shaft (optional)
- ARC system (optional)
- Lock type with handle change over of blade quickly
- Heat loss system to save energy
- Ink pump (optional)
- Shaft less cylinder system (optional)

STANDARD ROTOGRAVURE PRINTING

MODEL : SUPER-120

120 MPM



Technical Specifications:

- Web Width : 500 to 1000 mm
- Printing Repeat : 380 to 800 mm
- No. of color : 1 to 8 color
- Speed : 120 meters per minute
- Slide type one side drying hood system
- Low friction dynamically balance guide rolls
- Three drive System
- High efficiency gearbox
- Registration motorized (optional)
- Mechanical Shaft
- Impression pneumatic
- Doctor blade manual
- Web video (optional)
- Air shaft (optional)

HIGH SPEED SLITTING MACHINE

MODEL : FLY-500



Technical Specifications:

- Web width: 800mm to 1600mm
- Machine speed: 500 mpm
- Minimum slit width up to 25mm
- Printing Materials: For wide range flexible packaging materials from PET, BOPP, SHRINK PVC, OPP, PE to Medium weight Aluminum foils & paper
- Web Width: 500 to 1600 mm
- Servo controlled drive
- Laser core positioning system
- Unwind Maximum Reel Dia : 1000mm
- Rewinding Reel Dia : 600mm
- Pneumatic Facility for Nip & Door Locking
- Pneumatically operated Lay on Rolls through touch pannel
- Differential type rewinding systems
- Master operator touch panel with data logging & reciepie control.
- Shaft less unwind control
- Static discharge system
- Auto loader from floor (optional)
- Rotary cutter

HIGH SPEED SLITTING MACHINE

MODEL : FLY-400



SPECIFICATIONS

- Canti Lever type slitter rewinder machine incorporates a range of superior design feature that ensure the highest possible quality for the final split roll.

Technical Specifications:

- Web width: 800mm to 1600mm
- Machine speed: 400mpm
- Minimum slit width up to 25mm
- Printing Materials: For wide range flexible packaging materials from PET, BOPP, SHRINK PVC, OPP, PE to Medium weight Aluminum foils & paper
- Unwind Maximum Reel Dia : 800 mm
- Rewinding Reel Dia : 500 mm
- Pneumatic Facility for Nip
- AC controlled drive
- Shaft less unwind
- Rotary cutter (optional)
- Laser core positioning system (optional)

SURFACE SLITTING MACHINE

MODEL : FLY SDR-400

400 MPM



Technical Specifications:

- Web width: 1000mm to 2500mm
- Machine speed: 400mpm
- Minimum slit width up to 50mm
- Printing Materials: For wide range flexible packaging materials from High Gsm PAPER, PET, BOPP, SHRINK PVC, CPP, PE to medium weight aluminum foils & paper
- Unwind Maximum Reel Dia : 1500mm
- Rewinding Reel Dia : 1000mm
- Pneumatic Facility for Nip
- Master operator touch panel with data logging & recipe control.
- Shaftless unwind control
- Air shaft 3" & 6" for rewind
- Auto loader from floor
- Rotary cutter assembly
- Surface winding system

HIGH SPEED SLITTING MACHINE

MODEL : FLY-350

350 MPM



SPECIFICATIONS

- Canti Lever type slitter rewinder machine incorporates a range of superior design feature that ensure the highest possible quality for the final split roll.

Technical Specifications:

- Web width: 800mm to 1200mm.
- Machine speed: 350mpm.
- Minimum slit width up to 50mm. (optional 25mm)
- Printing Materials: For wide range flexible packaging materials from PET, BOPP, SHRINK PVC, OPP, PE to Medium weight Aluminum foils & paper.
- Unwind Maximum Reel Dia : 800 mm
- Rewinding Reel Dia : 450 mm
- Pneumatic Facility for Nip
- Shaft less unwind
- Rotary cutter assembly (optional)

HIGH SPEED LAMINATION MACHINE

MODEL : SUPERLAM-200

200 MPM



TECHNICAL SPECIFICATIONS:

- Machine Speed 200 meters / minute Max
- Web Width : 500 to 1400mm
- Electronic web guide 03
- Unwind & Rewind Max. Diameter : 1000 mm
- Digital temperature controller with indicator
- Heating Roll System at Nipping
- Heat loss system to save energy
- Air Shafts for both Unwinder & Rewinder
- Five drive system
- Seafy chuck on unwinder & rewinder
- Air shaft for unwinder & rewinder
- Drayer hood pneumatic operated
- AC drive controlled

STANDARD LAMINATION MACHINE

MODEL : SUPERLAM-150

150 MPM



TECHNICAL SPECIFICATIONS:

- Machine Speed 150 meters / minute Max
- Web Width : 500 to 1400mm
- Web Guide System 03 Nos
- Unwind & Rewind Max. Diameter : 800 mm
- Heating roll system at nipping
- Mechanical shafts for both unwinder & rewinder
- Three drive with 2 break system
- AC drive controlled
- Drayer hood pneumatic operated
- Digital temperature controller with indicator
- Heat loss system to save energy

VMCH & SHELLAL COATING MACHINE

MODEL : SUPER VMCH-1000



120 MPM

VMCH & shellac coating machine

We provide a high quality range of VMCH Shellac Coating Machines. These machines are appreciated by our clients for their high production speed and low maintenance cost, which greatly enhances its cost effectiveness. The specifications of these products are as given below:

- Web Width: 600 to 1400 mm
- Coating Facility: Gravure & 3 Roll System
- Speed : Solvent base adhesive speed 100 to 120 mtr/minute
- VMCH Coating for foil speed 4 Gsm 80 to 100 mtr/minute and 6 Gsm 70 to 90 mtr/minute
- Water base adhesive coating speed 100 mtr/minute Specially designed as a multipurpose plant, these machines possess facilities for polyester lamination silicon coating, adhesive coating for tapes & stickers and heat salable coating on blister.
- Fully pneumatically lifting tunnels and impression rollers
- Automatic balanced all steel rollers.
- Comfortable exhaust system for solvent fumes
- Sound & Uniform heating system at high temperature
- Air nozzles distribute uniform hot air across the wash width and are placed against idle rollers for proper web support
- VMCH tunnel is distributed in 8 Heating zones & 2 cooling zones having individual air blower for better temperature control.

HEAT & PRESS LAMINATOR

MODEL : SUPER LAM HP



100 MPM

GENERAL SPECIFICATIONS: Heat and Press Laminator

Pneumatic pressure application method on hot drum surface. Heating drum is synchronized with rewinder and dynamically balanced, ground and Hard Chromed. Pneumatic Pressure Application System (both side control), for both rubber rolls (Hot drum & shellac wash unit) & back up roll. Total 4 nos of chilled roll for cooling of laminated foil, rubber nip for lamination unit & before rewinder unit. Immersed heater-heating system on heating drum through thermic fluid equipped with an expansion tank to accommodate expand volume of liquid during heating. Gravure Coating Method for shellac wash unit. Coating roller-mounting assembly can accept integral shaft type as well as Hollow Type Coating Rollers. High velocity drying system equipped with top dryer of 30 ft long to dry shellac wash at high speed.

Technical Specifications:

- Web Width : 600 to 1400 mm
- Material to be Processed : 20 micron to 50 micron pharma grade soft Aluminum
- Material to be Processed : 20 micron to 50 micron pharma grade soft Aluminum foil, L.D. per Material 40 to 150 gauge LDPE with heat & lamnates.
- Maximum Speed : 80 to 120mte/minute.
- Chilling Roll : 4 Nos.
- Heating System : Oil Jacket with Electrical Heater.

SURFACE SLITTING MACHINE

MODEL : FLY DR-250



Surface Slitting & Rewinding Machine is suitable for slitting packing rolling materials such as paper, Polyester, Label stock, BOPP, OPP, PET and PE etc. This range was developed to handle particularly difficult materials while ensuring maximum productivity. It is ideal for coated, metallised and carbonless papers, Non-woven and low tensile strength webs and can support a narrow slit width. The centre surface rewind drive combination provides the ultimate in tension control and reel wind quality.

Technical specification :

- Type of slitting razor cutter
- Web width 1000 to 2000mm
- Rewind dia 550mm
- Minimum slitting width 50mm
- Machine height 1100mm
- Machine speed 250 mtr. Per minute
- Winding unit surface winding
- 3 drive system

HIGH SPEED DOCTRING & REWINDING MACHINE

MODEL : ULTRA DC-200



The Machine is suitable for Inkjet printing / batch coding on printed & laminated pouches Suitable for Foils, Paper, Stock Labels, Oil & Milk Pouch & Other flexible materials Also suitable to (salvage rewinding) perfect & correct rewind rolls for badly & incorrect wound rolls

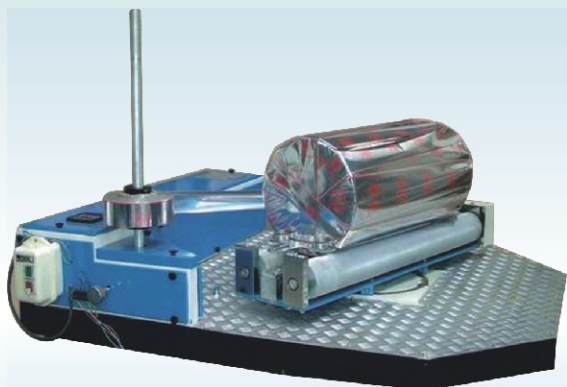
Special Features

- Cantilever design for easy feeding & removing rolls
- Automatic tension with brake assembly on unwind
- Edge guide controlling system by Web Aligner Unit
- AC Drive control panel with line speed feedback
- Double winder
- Trim blower with blade holder for slitting option.
- Speed Control: Through shaft encoder for inkjet printer.

Technical Features

- Web Width Up to 500mm
- Line Speed Up to 250mpm
- Unwind Dia 500mm - max
- Core ID 76 MM Unwind & rewind
- Rewind Dia 500mm - max
- Air shaft

STRETCH WRAPPING MACHINE



Being a customer-focused organization, we are engaged in offering a wide assortment of Roll Stretch Wrapping Machines. The offered stretch wrapping machines help in protecting packed items and makes them convenient to be stored or transported. These machines save packaging cost and labor. Moreover, these machines can be availed by the clients in various specifications and grades in order to meet the customers' requirements.

1. Max roll 32 inch (800 MM) width and diameter 20 inch (500 MM)
2. Min roll 3 inch (75 MM) width diameter 20 inch (500 MM)
3. Control panel (auto stop and counter meter)

CUSTOMIZE MACHINERY

- ➔ SOLVENT LASS LAMINATION MACHINE
- ➔ FLEXO GRAPHIC PRINTING MACHINE
- ➔ INSPECTION REWINDING MACHINE
- ➔ UV COATING MACHINE
- ➔ REGISTERED UV COATING MACHINE
- ➔ HOT MELT / WAX COATING MACHINE
- ➔ PMDC COATING MACHINE
- ➔ BOPP TAPE COATING MACHINE
- ➔ ALL TYPE OF CUSTOMIZE MACHINERY