



**SAGAR
ENTERPRISE**

Perfect To The Edge



About Us

- We As AN OEM - For All Kind Of Twin Drum Winder & Sheeter Suitable For All Paper Grades With Accessories.
- We As A Team With Full Of Experience, Lead By Founder Mr. Vasant Mahajan & Technical Supported By Director Mr. Sagar Mahajan.
- We Do Modifications and Maintenance Contract for All Types Of Winders and Sheeter With All Kind OF Spares.
- Complete Solution Under One Roof For Finish House Problems.



Winder – Horizontal Type



Technical Features

- Web Width Up To 7 Mtrs
- Winder Speed To 2000 Mpm & Above
- PLC & DCS Based Control Automation
- Auto Torque Control For Both Winder Drums
- Auto Web Tension Control By Load Cells
- Parent Roll Diameter Up To 3.5 Mtrs & Above ***
- Finished Reel Diameter Up To 2.1 Mtrs ***

Main Features

- Surface Coated Drums For Better Web Traction
- Auto Nip Control For Rider Roll By Pneumatic/ Hydraulic
- Automatic Finished Reel Set Change
- Auto Core Loading & Ejection ***
- Full Width Web Cutting and Clamping Options***
- Drum Roll Suction

Advanced Features

- Auto Slitter Knife Positioning - Within 10 Sec**
- Auto Web Tension Control. in Various Option
- Automatic & Progressive Rider Roll Nip Relieving Control
- Unwind Brake Generator For Power Saving.
- Automatic Core Chuck / Holder Positioning In Line With Trim Slitter

Winder - Vertical Type



Special Features

- Outstanding Winding Quality
- TNT Structure Controlled Reels
- Operational Safety And Reliability
- Performance Through Quality Components
- Latest Features At Affordable Cost
- Better Engineering Capabilities And Services
- Continuous Design Improvements



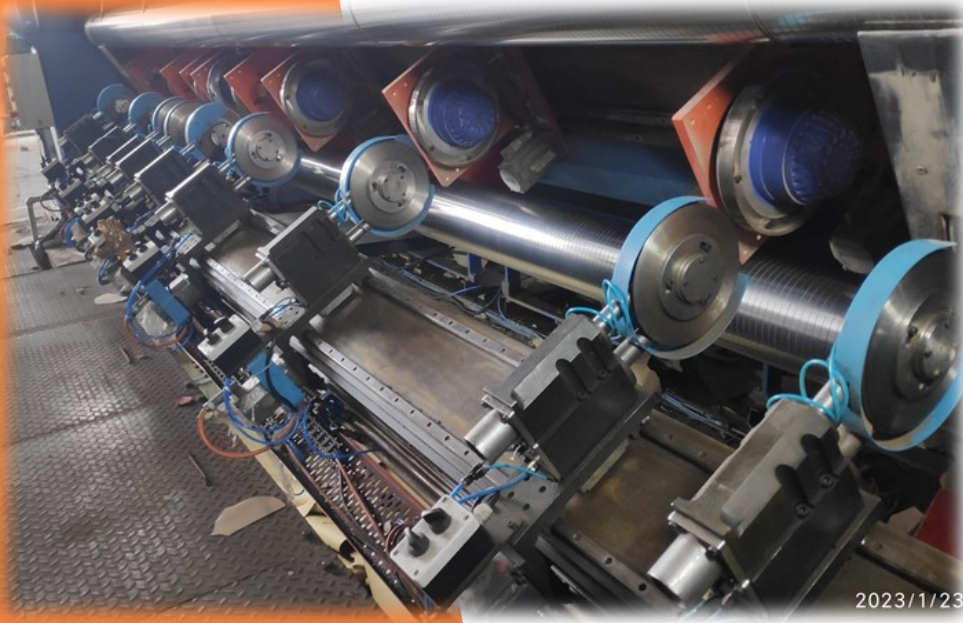
Add On Features

- Winder Suction Drums For Web Clamping
- Dust Removal System
- Trim & Air Separator
- Empty Spool Brake / Tambour Roll Brake
- Unwinder Spools Belt Drive For Soft Tissue



Present Development

Auto Slitter Positioning System



Benefits:

- *Indigenously Developed*
- *Increased Productivity*
- *Reduced Downtime*
- *Improved Safety*
- *Cost Effective Solution*

Advance Features

- *Auto Top And Bottom Knife Positioning System With An Accuracy of $0.25 \pm \text{mm}^{**}$*
- *Changeover Less Than 10 Sec ***
- *Pneumatic Double Acting Straight Engage Type Top Slitters.*
- *Individual AC Motor Driven Bottom Slitters*
- *LM Guide For All Slitter Holders With Electronic / Pneumatic Locking***

Floor Pickup Unwind Stand

- *Floor Pickup Reel Stand*
- *Auto Reel Centering*
- *Electric Side Moment*
- *Hydraulic Picking & Lowering*
- *Capacity Up To 2.1 Mtr Dia - 4.5 Tons*



Winder Modification Works

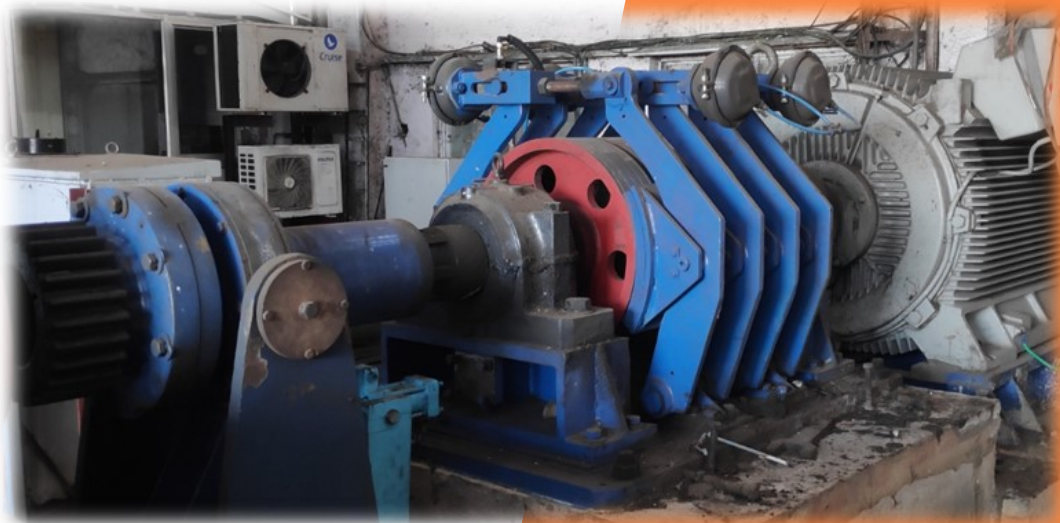


Rear Slitting System

- *Introducing Multi Segmented Bottom Slitter Roll*
- *Pneumatic Double Acting Straight Engage Type Top Slitters.*
- *Individual AC Motor Driven Bottom Slitters*
- *Predefined – Tuned Angle at the time of Installation so no need to change the degree again & again.*

Brake Generation

- *Constant Braking*
- *Uniform Torque*
- *Energy Efficient*
- *AC / DC Conversion*
- *Lesser Maintenance*



Unwind Stand with Spool Ejector

- *Heavy Duty Unwind For 7mtr Deckle—3 Mtr Dia 40 Tons Capacity ****
- *Unwind Stand with Spool Ejector*
- *Deckle Adjustment BY Hydraulic Or Electric Motor*
- *Spool Ejector By Hydraulic Or Pneumatic Operated.*
- *Progressive Unwind Occi;ation BY Hydraulic Or Electric Motor*



Salvage Winder

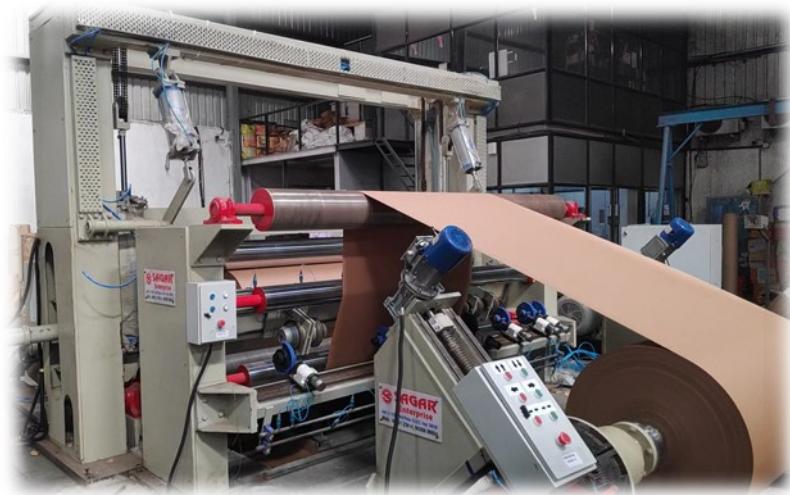


Features:

- *In house Development*
- *Speed Range Up To 1000 mpm Above*
- *Shaftless Unwind & Rewind*
- *Integrated Auto TNT*
- *Deckle Adjustment From 600 mm to 2800 mm. For All Grades Of Paper*

Unwind Features:

- *Floor Pick Up BY Hydraulic Or Electric*
- *Capacity OF Reel Handling to 2000 mm and above supplied*
- *Unwind Width Up To 2.8 Mtrs*
- *Unwind Dia Up To 2.1 Mtrs*
- *Gsm Range 60 to 500*
- *Automation Integrated With PLC*
- *Air Cooled Disc Brake System*



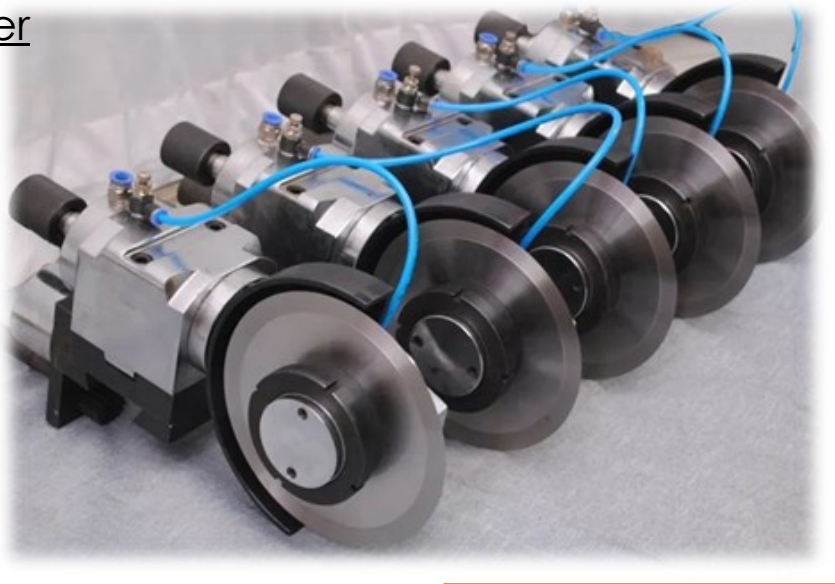
Additional Features

- *Auto Slitter Positioning System*
- *Auto Core Positioning System*
- *Auto Unwind Positioning*
- *Web Guide System*
- *Web Clamp And Splicing*
- *Unwind Brake Generation System*

Winder Spares

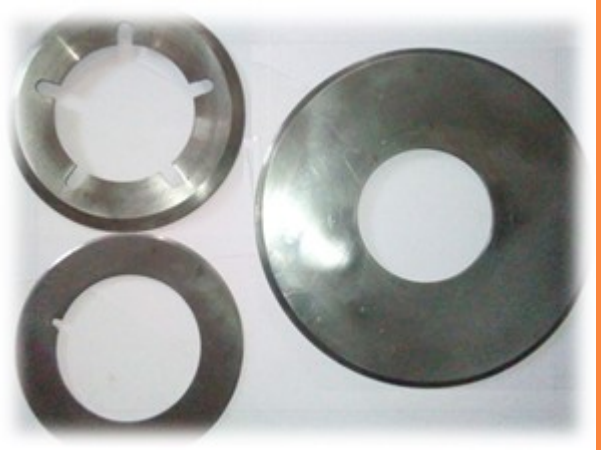
Double Acting - Top Knife Holder

- *Double Acting Straight & Engage Type*
- *Easy Change Over Attachment*
- *Customized / User Friendly Top Knife Sizes.*
- *Pneumatic Locking Option*



Top Circular Slitter Knife

- *Made By Graded MOC For Perfect Hardness For Clear Slitting & Long Life*
- *Available For All Standard Sizes , Customized Sizes*
- *Available for All Papers, Foils , Films, Etc*
- *Perfect Dimensional Quality & Precision*
- *Robust Design Long Service Life*



Shaftless Unit

- *Electric Hydraulic / Pneumatic Operated.*
- *Can Be Supplied With All Accessories*
- *Can Be Design For Existing Replacement*
- *Advantage: Quick Core Loading & Startup*



** -Subject To Machine & Design Condition

*** -Under Development

Our Major Customers



Maheshwari Logistics Limited
Moving Every Mile With A Smile



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JK PAPER LTD.
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Best Paper Mills Pvt Ltd



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