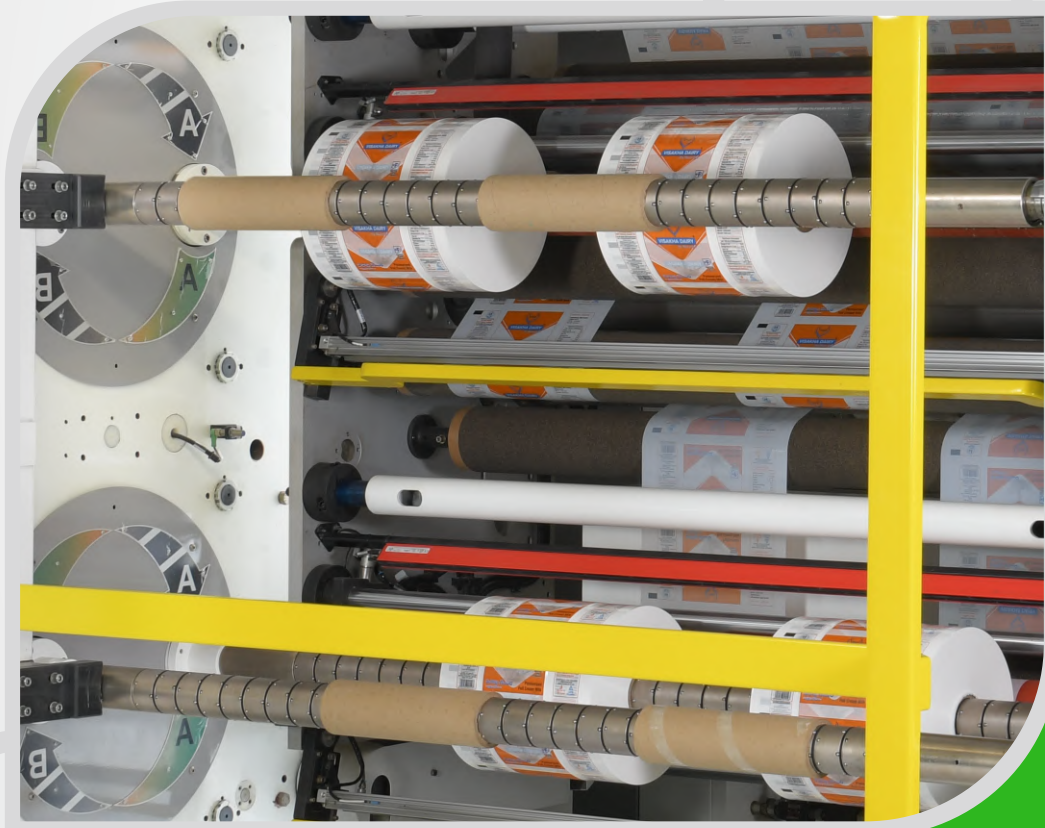


# INNOVATIVE, SMART & RELIABLE

SLITTER REWINDER SOLUTIONS





15+ years  
experience

500+  
installations



## Overview

**KALPVRUX** is one of the global suppliers of Slitter Rewinder solutions. Kalpvrux is one of the young & dynamic companies having rich experience in flexible packaging.

**KALPVRUX** has built a reputation for innovative product development, quality solution & total dedication to after sales support.

**KALPVRUX** primary goal is to build the machine which provides higher throughput with ease of operations & higher reliability of all its equipment.

## Vision

"Kalpvrux" means unique tree which creates fortune. We at Kalpvrux have a vision of creating fortune for everyone associated with us.

## Core Values:

- Honesty & commitment
- Focus on customers' success
- One up in technology
- Growth with happiness for everyone connected

## Mission

To be a leading converting machinery company with a global perspective offering Reliable , Economical & Innovative packaged solutions & Creating presence in all major flexible packaging industry & film industry with superior products & services



## SLITTER REWINDER SOLUTIONS

## GLOBAL PRESENCE



**Kalpvrux** key product range is Slitter Rewinder, Inspection Rewinder & Doctoring machines. Product range includes machines for narrow web to wide web designed with precision & reliability.

All machines have capability to handle variety of Substrate from Laminates, Films, Paper & Aluminum foil. **Kalpvrux** core strengths are reliable engineering, unique tension control algorithm & highly advanced drive control systems which imparts most user friendly operations & high productivity to flexible packaging converters.

## Slitter Rewinder

**Kalpvrux** has wide range of Slitter rewinder models starting from Dual Turret type, Duplex cantilever Slitters, Secondary slitters for films, Surface Centre Slitters for paper & LDPE films. Wide range of slitter models available with different layout web path like Integrated, overhead, under board etc.

Whole range is equipped with state of the art drive controls, auto tension controls on unwind & rewind, Shaftless with floor lifting, Different kind of slitting options, Differential rewind shaft technology & various options for reel handling.

## Inspection Rewinder

**Kalpvrux** provides range of Inspection rewinder which contributes directly for quality control for all flexible converters. High end models are equipped with 100% defect detection system (line scan camera) to identify the defects . Machines can also be integrated with work flow (defect data from printing press) solution. All models are built with global standards with Bi Directional operations.

## Doctoring Machine / Salvage Rewinder

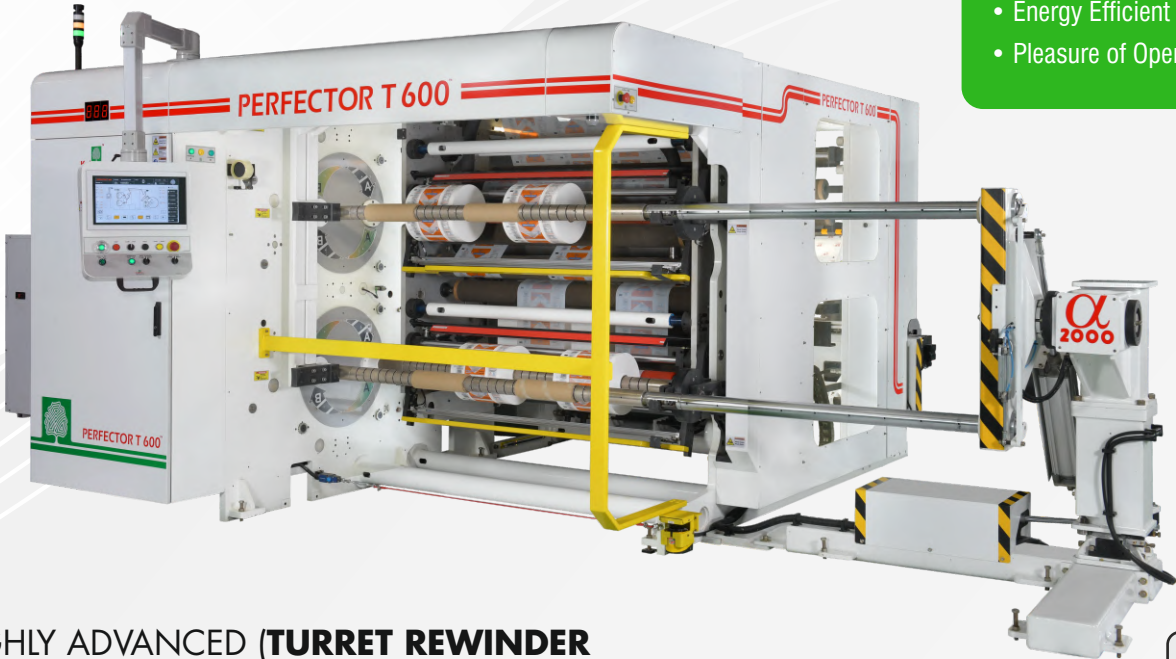
Doctoring machine purpose is for Re reeling of slitted reels which are not wounded properly due to various factors like core quality, improper tension etc. These machines are fully reversible to change of print orientation & saves significant time.

## Special Products

Label flagger, Tape Joint detection system, repeat measurement, repeat counter, Trim winder are few exclusive developments done by Kalpvrux team which are widely used on various converting machines.



# DUAL TURRET SLITTER REWINDER PERFECTOR T 600™



- ENHANCING PRODUCTIVITY**
- Reduced Changeover time
  - Higher Production Speed
  - Energy Efficient Operation
  - Pleasure of Operation

## HIGHLY ADVANCED (TURRET REWINDER WITH AUTOMATIC CHANGEOVER)

PERFECTOR series is designed for medium & large sized converters who demand for high productivity & consistent quality of finished reels. It can handle wide spectrum of flexible packaging market demands.

It has high production speed together with automatic changeover of rewind turret, significantly reduce downtime & hence increased efficiency of slitting operation

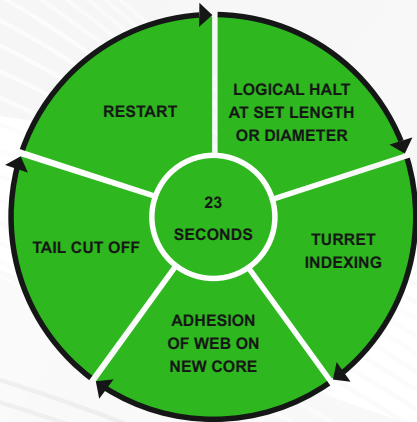


- Superior features**
- Shaftless Unwind with Floor lifting
  - Dual Servo motor on unwind
  - Slitting –Razor in air or groove, Shear knife (circular knife)
  - Servo driven Linear tracker mechanism
  - Turret rewind
  - Fully supported rewind shaft during turret indexing
  - Automatic cross cutting of web
  - Laser core positioning
  - Automatic Reel ejection system
  - Finished Reel handling with 2 Axis travel – Model ALPHA 1500

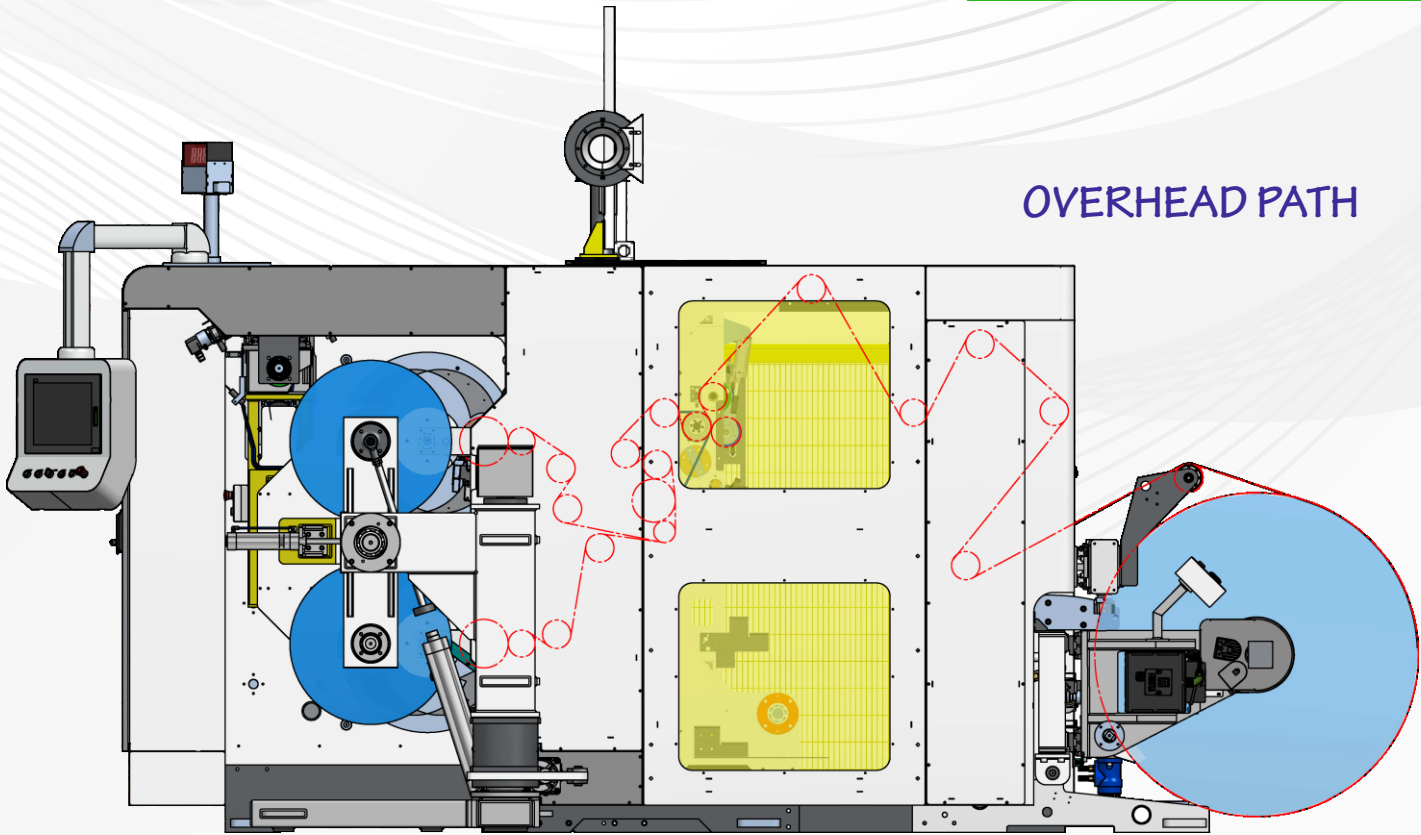
### SPECIFICATION

	Metric	Imperial
Max. Web width	1450 mm	57"
Min. Width	650 mm	26"
Min. Slit Width	50 mm, 25 mm (Optional)	2" , 1" (Optional)
Max. Reel Dia. Unwind	1000 mm , 1200 mm (Optional)	39" , 47" (Optional)
Max. Reel Weight	1000 kg	2204 pound
Rewinding Diameter	600 mm	23"
Max. Web Speed	800 mpm	2625 fpm
Unwind Core ID	76 m m & 152 mm	3" & 6"
Rewind Core ID	76 mm & 152 mm (Optional)	3" & 6" (Optional)

\* Speed purely depends on the substrate quality and skill of the operator.  
\* Underboard configuration is also available

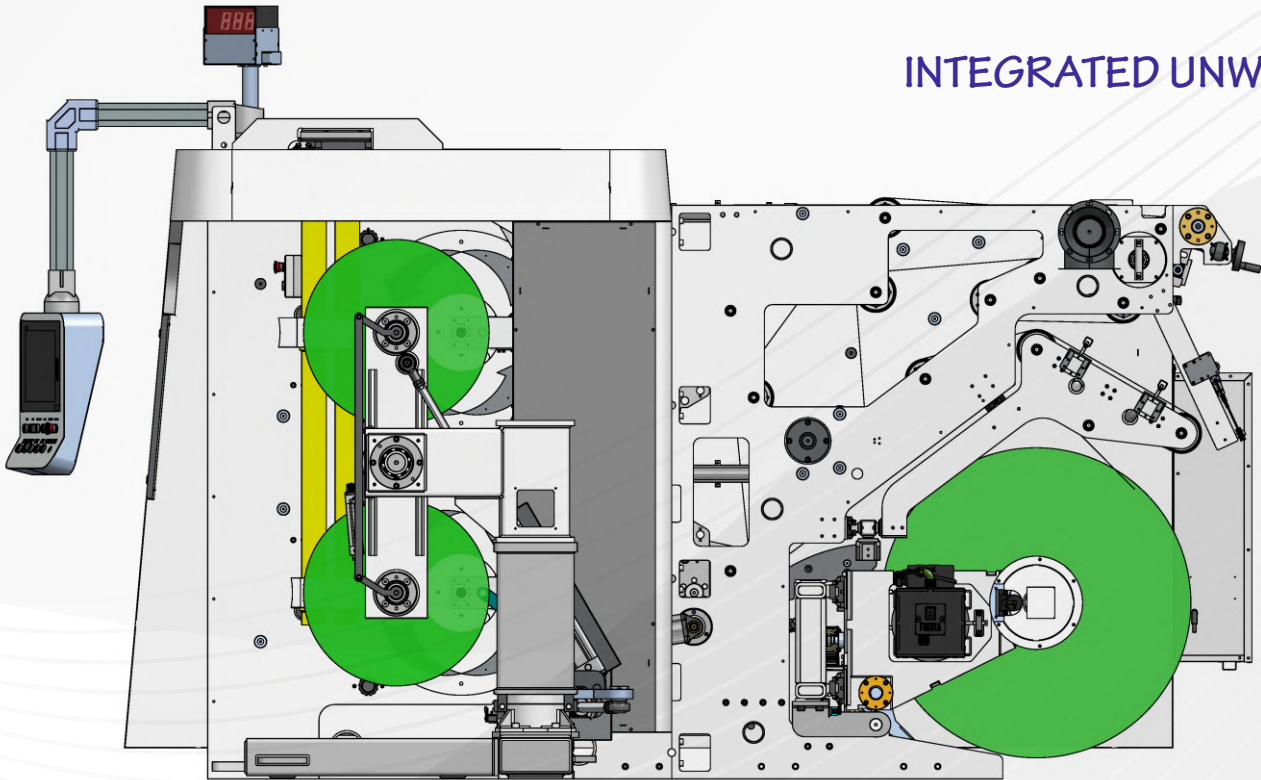


**LOWEST CHANGE OVER CYCLE**



**OVERHEAD PATH**

# DUAL TURRET SLITTER REWINDER PERFECTOR i 600™



**INTEGRATED UNWIND**



SECONDARY SLITTER REWINDER  
PCW<sup>®</sup>

SPEED @800 MPM



**Working Width : 1.6 mtr to 3.6 mtr**  
**Production Speed : Up to 800 mpm**



Secondary Slitter rewinder PCW series is mainly used for wide web transparent & metalized films. This model has individual rewind stations with independent drive & servo motor for tension control. This machine is available for width from 1600 mm to 3600 mm.

**Superior Features**

- Shaftless Unwind with Floor lifting
- Unwind Auto Tension control with Friction less dancer
- Dual Servo Motor on unwind for precise control
- Razor knife arrangement with oscillation
- Independent Rewind station with servo drive & servo motor

**SPECIFICATION**

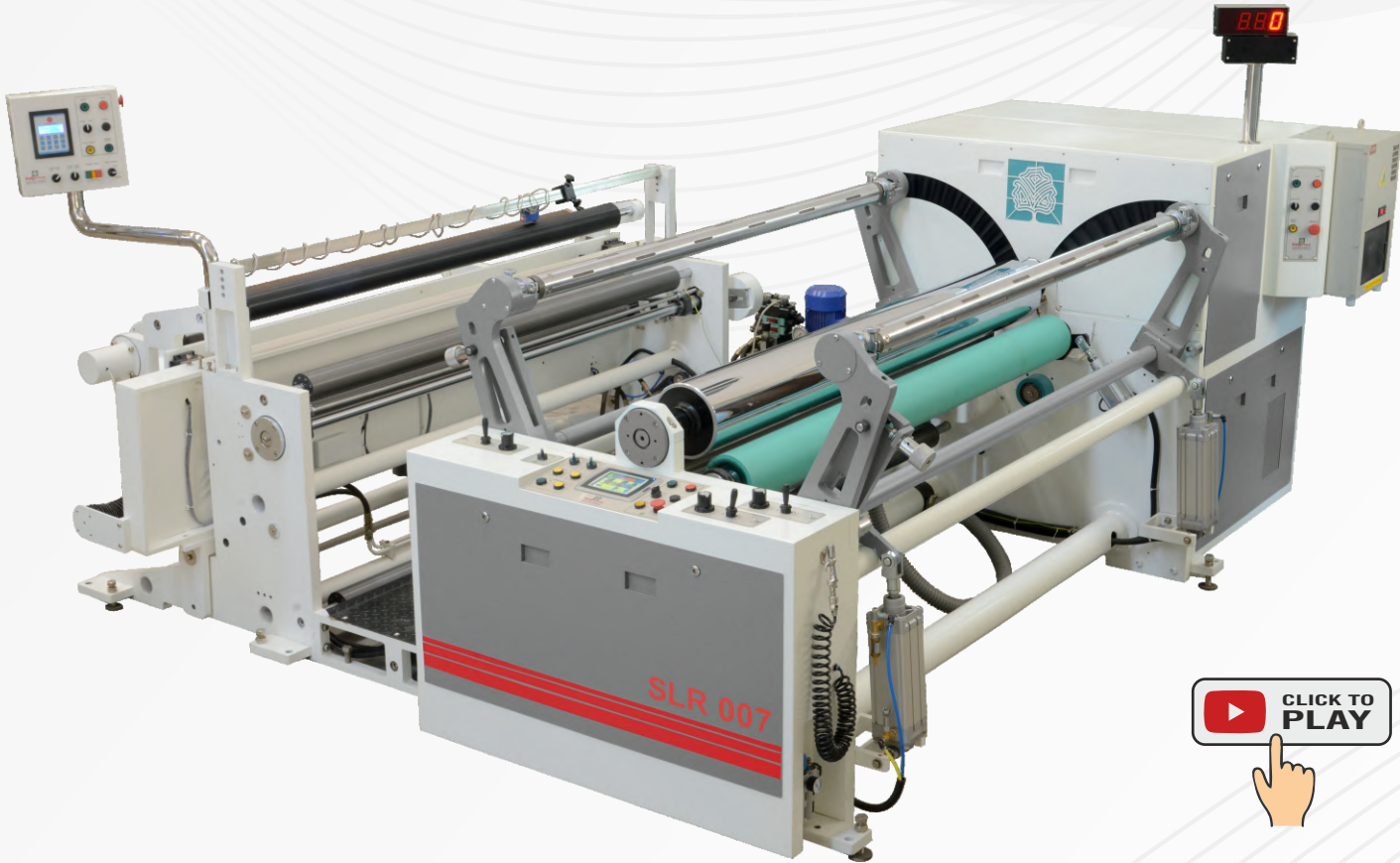
	Metric	Imperial
Substrate	PET, BOPA, BOPP, CPP & more	
Web width	1600 mm to 3600 mm	62"+ / 142" +
Unwind Diameter	1200 mm / 1500 mm	47"/ 59"
Max. Web Speed	600 mpm, 800 mpm	1970 fpm, 2625 fpm
Rewind Core ID	76 mm & 152 mm (Optional)	3" & 6"
Rewinding Diameter	800 mm, 1000 mm (Option)	31 " / 39" (Option)

\* Speed purely depends on the substrate quality and skill of the operator.

\* Different Web width is available on request

SURFACE CENTRE SLITTER REWINDER  
SLR 07<sup>™</sup>

SPEED @400 MPM

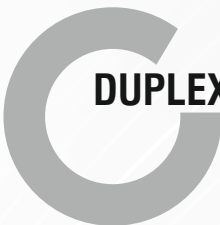


**SPECIFICATION**

	Metric	Imperial
Max. Web width	1250 mm / 1650 mm	49"+ / 65" +
Min. Width	450 mm / 600 mm	17" / 23"
Min. Slit Width	100 mm	4"
Max. Reel Dia. Unwind	1000 mm	39"
Max. Reel Weight	1000 kg	2204 pound
Rewinding Diameter	800 mm	31"
Max. Web Speed	400 mpm	1312 fpm
Unwind Core ID	76 mm & 152 mm	3" & 6"
Rewind Core ID	76 mm & 152 mm (Optional)	3" & 6" (Optional)

\* Speed purely depends on the substrate quality and skill of the operator.





DUPLEX CENTRE SLITTER REWINDER  
**ZIP SLIT SLR 12™**

SPEED @700 MPM



HIGHLY ADVANCED **SLITTER REWINDER**

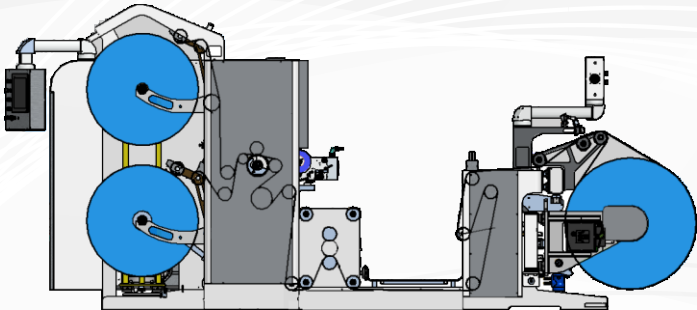


SPECIFICATION

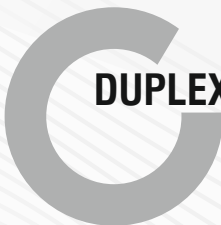
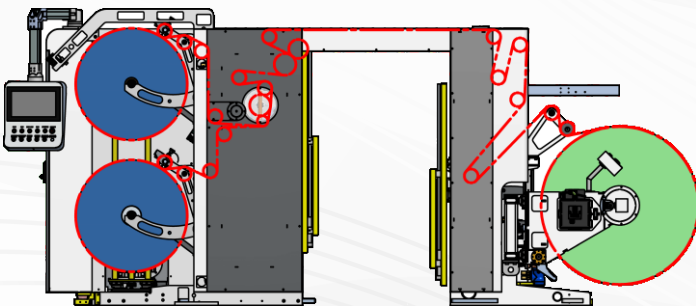
	Metric	Imperial
Max. Web width	1300 mm / 1650 mm	51" + / 65" +
Min. Width	450 mm / 650 mm	17" / 26"
Min. Slit Width at Rewind	50 mm, 25 mm (Optional)	2", 1" (Optional)
Max. Reel Dia. Unwind	1000 mm	39"
Max. Reel Weight	1000 kg / 1200 kg	2204 pound/ 2646 pound
Rewinding Diameter	800 mm	31 "
Max. Web Speed	600 mpm	1970 fpm
Unwind Core ID	76 mm & 152 mm	3" & 6"
Rewind Core ID	76 mm & 152 mm (Optional)	3" & 6" (Optional)

\* Speed purely depends on the substrate quality and skill of the operator.

UNDERBOARD WEB PATH



OVERHEAD WEBPATH



DUPLEX CENTRE SLITTER REWINDER  
**ZIP KOMPACT™**

SPEED @700 MPM

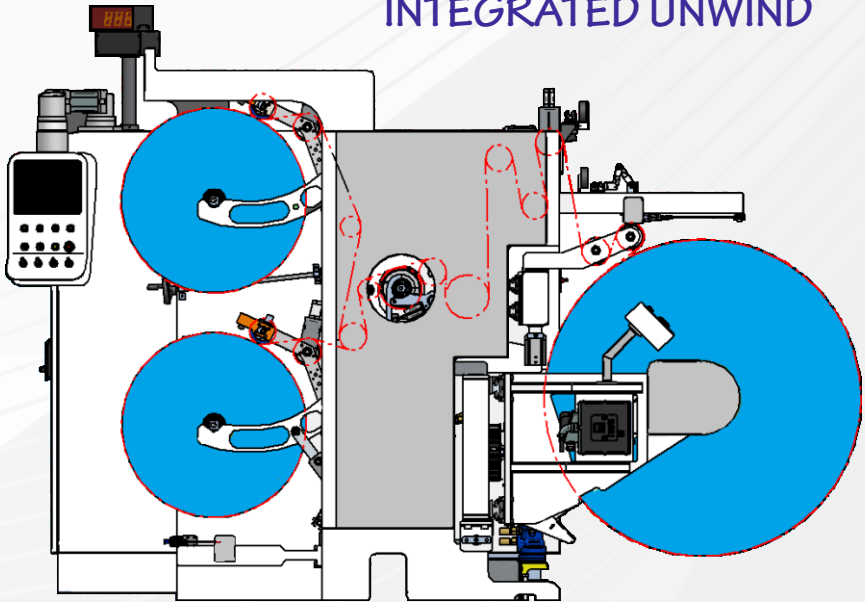


SPECIFICATION

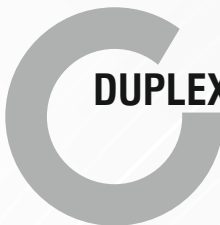
	Metric	Imperial
Max. Web width	1300 mm / 1650 mm	51" + / 65" +
Min. Width	450 mm / 650 mm	17" / 26"
Min. Slit Width	50 mm, 25 mm (optional)	2" , 1" (Optional)
Max. Reel Dia. Unwind	1000 mm	39"
Max. Reel Weight	1000 kg / 1200 kg	2204 pound/ 2646 pound
Max. Web Speed	700 mpm	2300 fpm
Unwind Core ID	76 mm & 152 mm	3" & 6"
Rewind Core ID	76 mm & 152 mm (Optional)	3" & 6" (Optional)
Rewinding Diameter	600 mm	24"

\* Speed purely depends on the substrate quality and skill of the operator.

INTEGRATED UNWIND







DUPLEX CENTRE SLITTER REWINDER  
**ZIP SLIT SLR 10<sup>®</sup>**

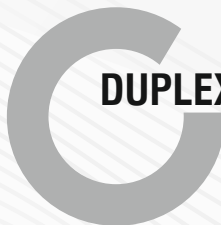
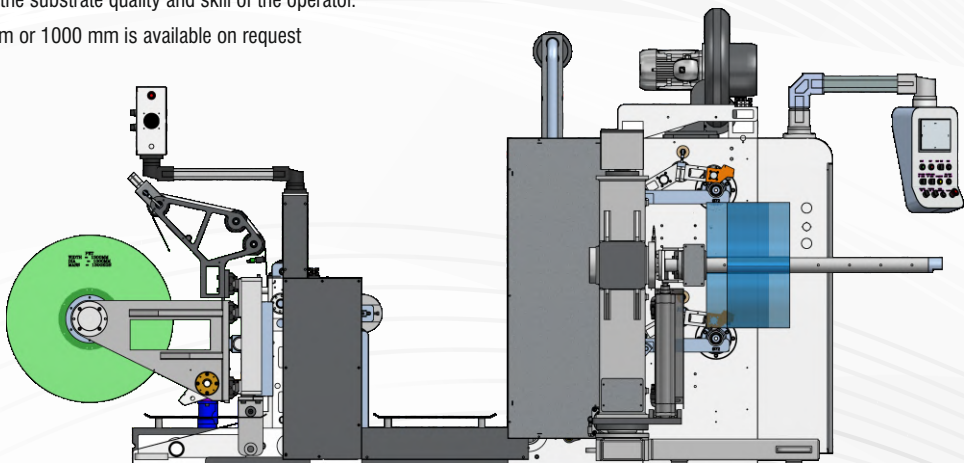
Speed @600 MPM



SPECIFICATIONS

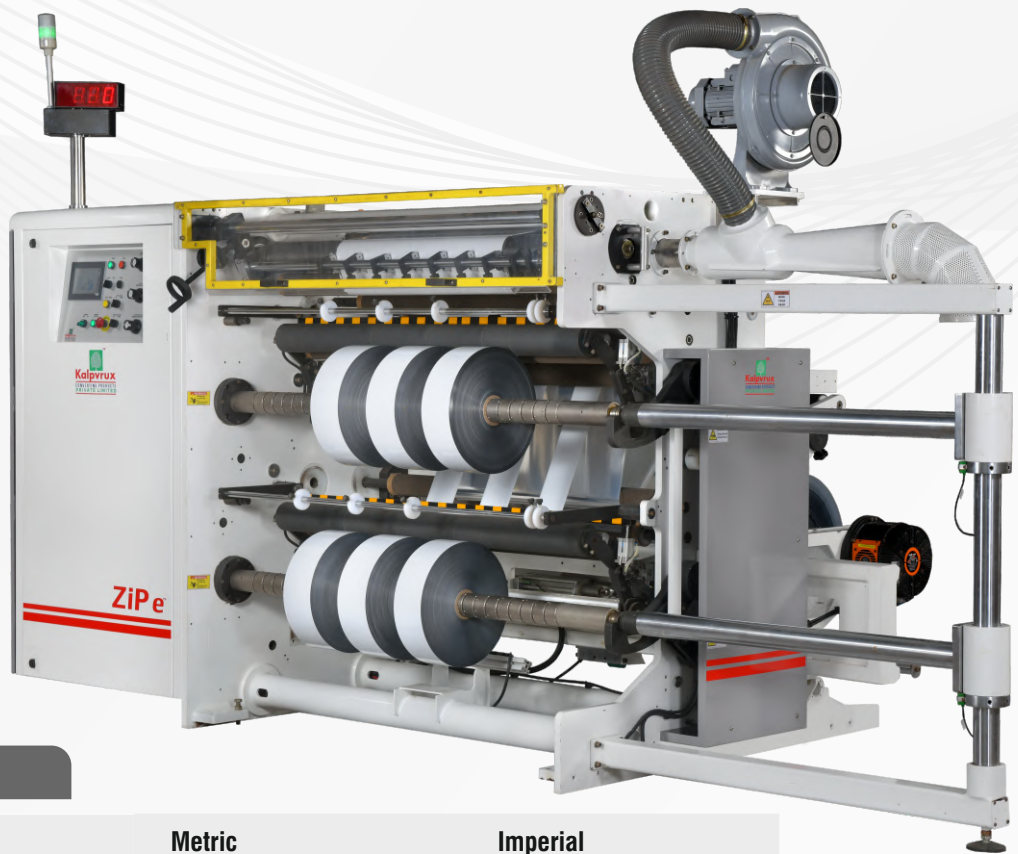
	Metric	Imperial
Max. Web width	1300 mm / 1650 mm	51" + / 65" +
Min. Width	450 mm / 650 mm	17" / 26"
Min. Slit Width	50 mm, 25 mm (optional)	2" , 1" (Optional)
Max. Reel Dia. Unwind / Rewind	1000 mm	39"
Max. Reel Weight	1000 kg / 1200 kg	2204 pound/ 2646 pound
Rewinding Diameter	600 mm	24"
Max. Web Speed	600 mpm	1970 fpm
Unwind Core ID	76 mm & 152 mm	3" & 6"
Rewind Core ID	76 mm & 152 mm (Optional)	3" & 6" (Optional)

\* Speed purely depends on the substrate quality and skill of the operator.  
\* Narrow Web width 850 mm or 1000 mm is available on request



DUPLEX CENTRE SLITTER REWINDER  
**ZiPe<sup>™</sup>**

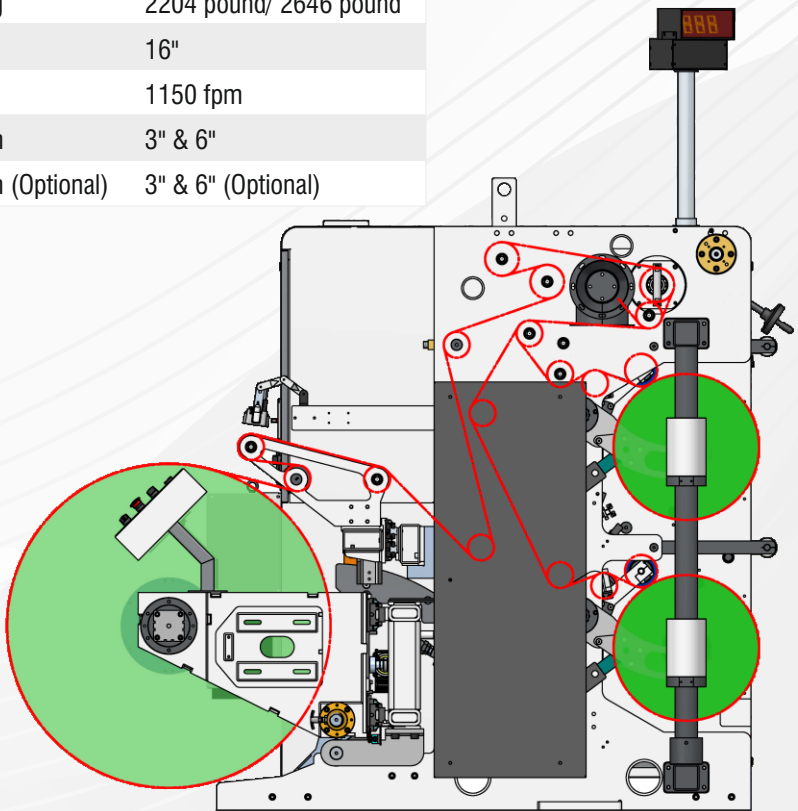
Speed @400 MPM



SPECIFICATIONS

	Metric	Imperial
Max. Web width	1300 mm / 1650 mm	51"+ / 65" +
Min. Width	450 mm / 650 mm	17" / 26"
Min. Slit Width	50 mm, 25 mm (Optional)	2" , 1" (Optional)
Max. Reel Dia. Unwind / Rewind	1000 mm	39"
Max. Reel Weight	1000 kg / 1200 kg	2204 pound/ 2646 pound
Rewinding Diameter	400 mm	16"
Max. Web Speed	400 mpm	1150 fpm
Unwind Core ID	76 mm & 152 mm	3" & 6"
Rewind Core ID	76 mm & 152 mm (Optional)	3" & 6" (Optional)

\* Speed purely depends on the substrate quality and skill of the operator.





INSPECTION REWINDER

EAGLE SL 6000™



EAGLE SL 6000 is more efficient & user-friendly with smart features which imparts the flawless winding technology.

EAGLE SL6000 series is an ideal machine for inspection of wide web printed material & laminates. This ensures defect free material to customer & reduce production waste.

Inspection system (100% Defect detection line scan camera) can be integrated with this machine to identify the printing defects like doctor streaks, color variations ,blurs, off register etc in real time at optimum speed. This machine is fully reversible.



Extended applications of EAGLE SL6000

- Work flow Mapping with defect data of Printing press
- Jumbo Reel Slitting of Multitrack/ Multiline laminates with big reel diameter
- Jumbo Reel slitting of Single Up job for pouch machine with big reel diameter
- Integration of Laser scoring system with Under board layout

Superior features

- Reversible type with an Option of 100% defect detection system
- Unwind & Rewind- Shaftless type with floor lifting
- Closed loop precise tension control algorithm for unwind & rewind
- Unique lay on technology for flawless winding quality

SPECIFICATIONS

	Metric	Imperial
Machine type	Bi directional	Bi directional
Max. Web width	1300 / 1100 mm	51" + / 43" +
Min. Width	650 mm / 450 mm	26" / 17"
Max. Reel Dia. Unwind / Rewind	800 mm / 1000 mm	31" / 39"
Max. Web Speed	600 mpm	1650 fpm
Max. Reel Weight	800 kg / 1000 kg	1764 pound / 2204 pound
Core ID Unwind / Rewind	76 mm & 152 mm	3" & 6"

INSPECTION REWINDER

EAGLE SL 6600™

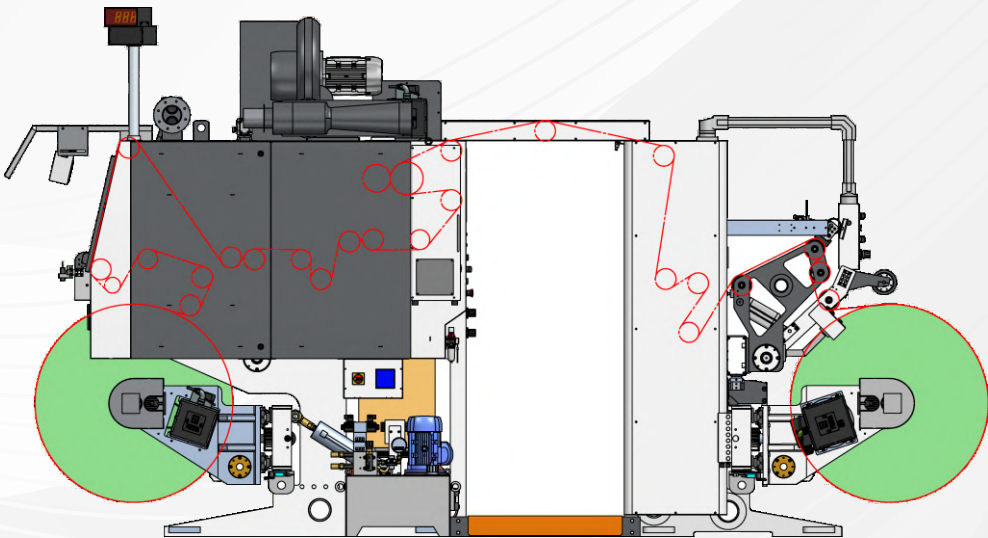
For Dual Inspection System  
Front & Back Inspection



SPECIFICATIONS

Substrate : Printed Films, Plain films & Flexible Laminates

	Metric	Imperial
Machine type	Bi directional	Bi directional
Max. Web width	1300 / 1100 mm	51" + / 43" +
Min. Width	650 mm / 450 mm	26" / 17"
Max. Reel Dia. Unwind / Rewind	800 mm / 1000 mm	31" / 39"
Max. Web Speed	600 mpm	1650 fpm
Max. Reel Weight	800 kg / 1000 kg	1764 pound / 2204 pound
Core ID Unwind / Rewind	76 mm & 152 mm	3" & 6"





PRINT INSPECTION REWINDER  
**EAGLE SL 5500™**

WORLD'S  
BEST WINDING  
TECHNOLOGY

PRINT INSPECTION REWINDER  
**EAGLE SL 5000™**

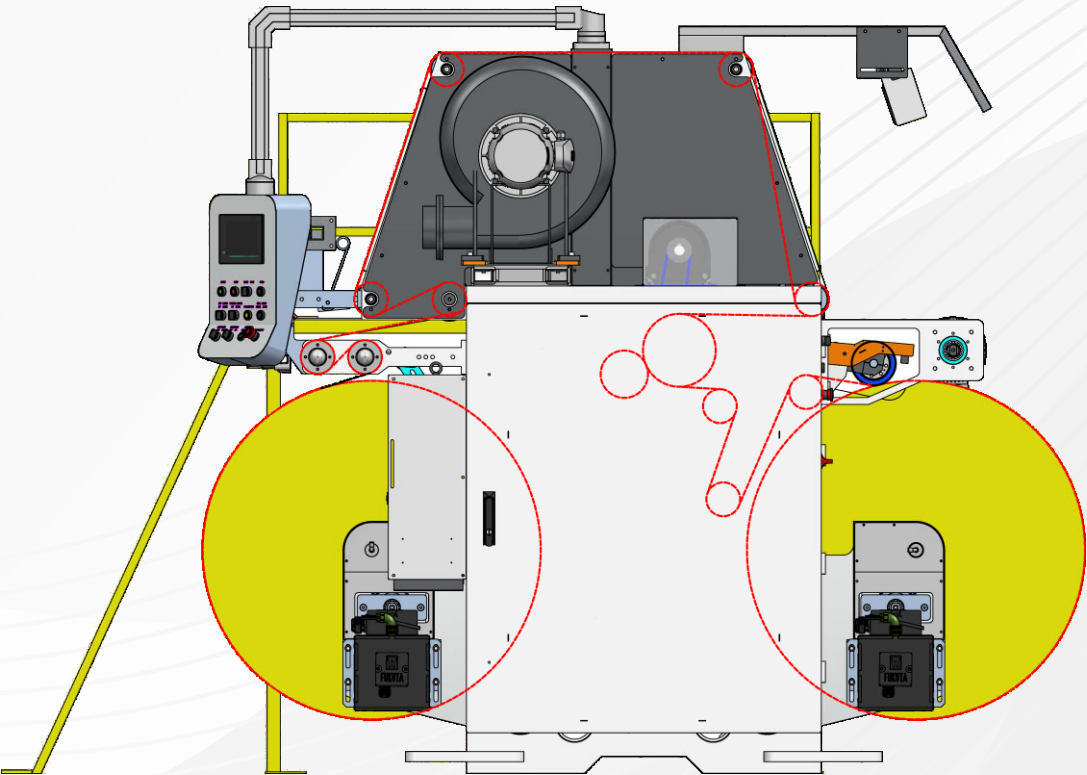


- Superior features**
- Shaftless Unwind & Rewind for ease of loading & Unloading
  - Reversible type operation for Defect positioning
  - Closed loop precise tension control algorithm for unwind & rewind
  - Pendant mount Touch screen user interface -Easy to operate from unwind & rewind
  - Good length & bad length data recording
  - Secondary Rewind to remove salvage (waste) material

**SPECIFICATIONS**

EAGLE SL 5000 / EAGLE SL 5500

	Metric	Imperial
Machine type	Bi directional	Bi directional
Max. Web width	1300 / 1100 mm	51" + / 43" +
Min. Width	650 mm / 450 mm	26" / 17"
Max. Reel Dia. Unwind / Rewind	800 mm / 1000 mm	31" / 39"
Max. Web Speed	400 mpm / 500 mpm	1312 fpm / 1640 fpm
Max. Reel Weight	800 kg / 1000 kg	1764 pound / 2205 pound
Core ID Unwind / Rewind	76 mm & 152 mm	3" & 6"





HIGH SPEED COIL REWINDER / SALVAGE REWINDER

omniwind 600<sup>®</sup>



SPECIALITY

- Unique machine for BOPP Label, Confectionery Laminate & Hygiene Films



Superior features

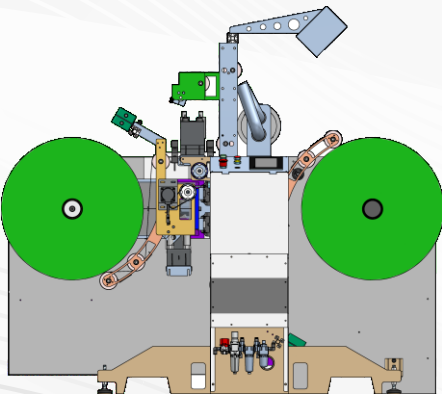
- Cantilever design of unwind & rewind
- Reversible winding ability - to maintain print orientation
- Friction less dancer for precise tension control
- Advanced servo drive controls
- Digital web guiding for both direction winding
- Touchscreen user interface for user-friendly operations

OPTIONS

- synchronization stroboscope for doctoring
- Unwind & Rewind with 152 mm (6") Core ID
- 100% Defect detection system
- Repeat measurement & monitoring system

SPECIFICATIONS

Description	Metric	Imperial
Machine type	Bi directional	Bi directional
Max. Web width	600 mm / 500 mm	24" + / 19" +
Min. Width	30 mm	1.2"
Max. Reel Dia. Unwind / Rewind	600 mm	24"
Max. Web Speed	500 mpm	1312 fpm / 1970 fpm
Max. Reel Weight	60 kg	132 pound
Core ID Unwind / Rewind	76 mm & 152 mm (Optional)	3" & 6" (Optional)



SHRINK SLEEVE DOCTORING

INS 300<sup>™</sup>



PURPOSE

- Sealing Quality check for the Sleeve after Gluing
- Reconditioning and finishing of winding Quality
- Reversing the Print Orientation
- Doctoring of the Reel with Stroboscope or with 100% Defect Detection System



Superior Features

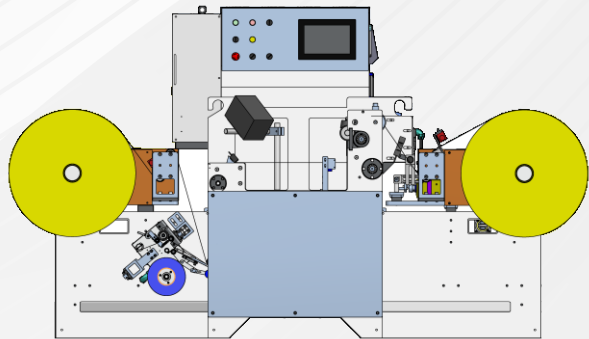
- Cantilever design for ease of operations
- Closed loop tension control with load cell for Unwind & Rewind
- Auto detection of seaming quality with Air balloon principle
- Defect function to position defect in inspection area
- Bi directional- Forward and reverse operation
- Synchronized stroboscope for inspection
- Touch screen user interface for ease of operation

Options

- Traverse winding
- UV light inspection
- Width measurement system
- 100% defect detection system

SPECIFICATIONS

Description	Metric	Imperial
Machine type	Bi directional	Bi directional
Max. Web width	300 mm	12" +
Min. Width	30 mm	1.2"
Max. Reel Dia. Unwind / Rewind	600 mm	24"
Max. Web Speed	350 mpm	1150 fpm
Max. Reel Weight	60 kg	132 pound
Core ID Unwind / Rewind	76 mm & 152 mm	3" & 6"





# ADDING VALUE TO FLEXIBLE PACKAGING LASER SCORING SOLUTION



WEB DIRECTION &  
CROSS DIRECTION SCORING

Kalpvrx offers wide range of laser scoring & perforation solution for various flexible packaging requirements

## LASER SCORING APPLICATIONS

### Convenience Packaging

- Easy tear
- Easy Opening
- Recloseable Packaging

### MAP

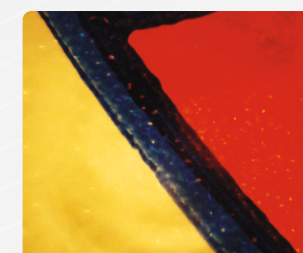
- Packaging for fresh produce
- Packaging for fresh fruits & vegetables

### Paper Industry

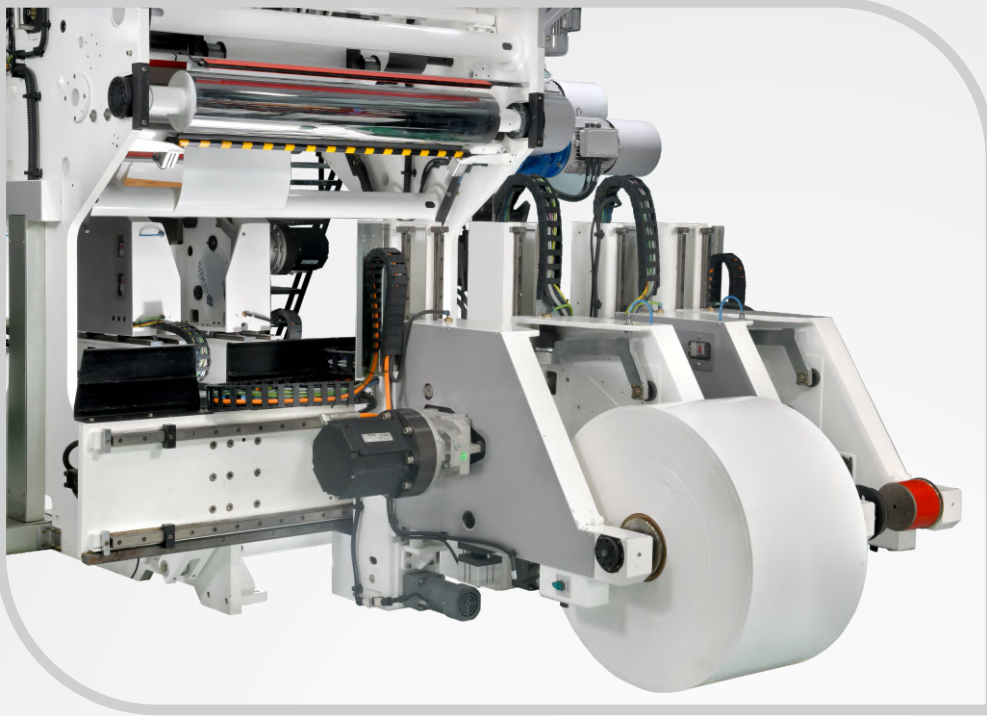
- Tipping Paper perforation
- Paper window bags

### Specialised Custom Built

- Abrasive Industry-Grinding disc punching
- Laser marking & embossing
- High precision safety features for currency







## OUR PRODUCT RANGE



[www.kalpvruux.com](http://www.kalpvruux.com)

 <sup>TM</sup>  
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 CONVERTING PRODUCTS  
 PRIVATE LIMITED

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