

1. Slitter Rewinder (PLSR-1 High Speed Label Slitting Machine)



The machine will have auto web-guide, auto-counter with 3 inches pneumatic shaft for unwinding and rewinding and 6 knives.

Item	Specifications	Unit
Max. Web. Width	350	mm
Max Unwind Dia.	450	mm
Mini. Slitting Width	18	mm
Precision	30.15	mm
Max. Speed	100	m/min.
Overall Dimensions	1100*950*1300 l*w*h	mm
Weight	550	kg

Features:

- A. Unwinding and re-winding reel with Dia. 3 inches and 6 knives.
- B. It is with web-guide for good slitting precision.
- C. Auto-counter to set the slitting length freely.
- D. Max unwinding and rewinding diameter is 450 mm.
- E. For 1 inch or 3 inches shaft it is to the choice of the client.
- F. The unwinding and rewinding shaft are pneumatic.



Back View of the machine



Web-guide

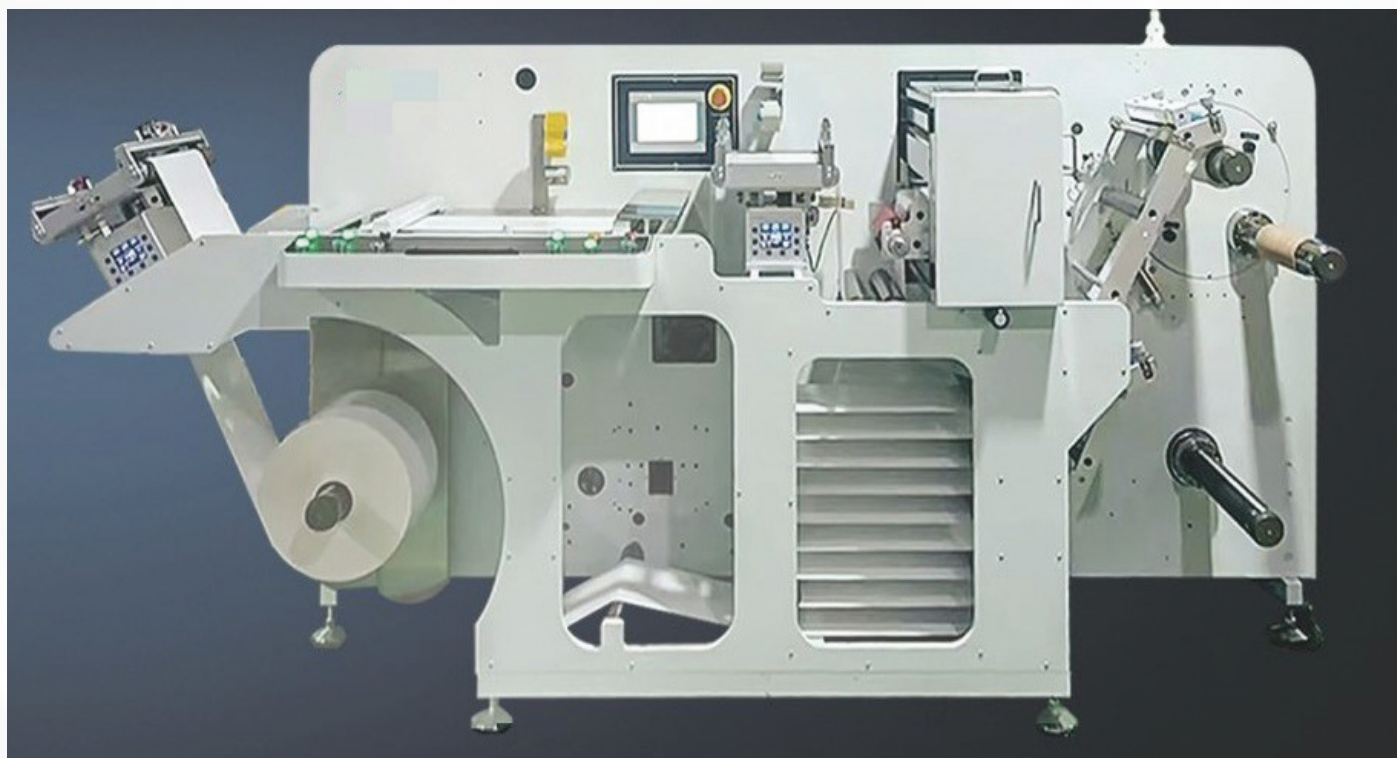


Control Panel



Knives

2. PLSR2 Inspection slitting machine



PLSR2 inspection slitting machine
(without camera system, without semi-turret)

Machine Technical Specifications:

PLSR2 Technical Specifications	
Max. Web Width	450mm
Max. Unwind Diameter	800mm
Max. Upper Rewind Diameter	600mm
Max. Lower Rewind Diameter	600mm
Max. Mechanical Speed	300m/min
Power Consumption	10kw
Air Supply	100 psi
Power Supply	3PH+ N+ PE
Packing Weight	2.2T
Packing size(mm)	2800L*1700W*1600H

Machine Units:

Unwind & Web guide

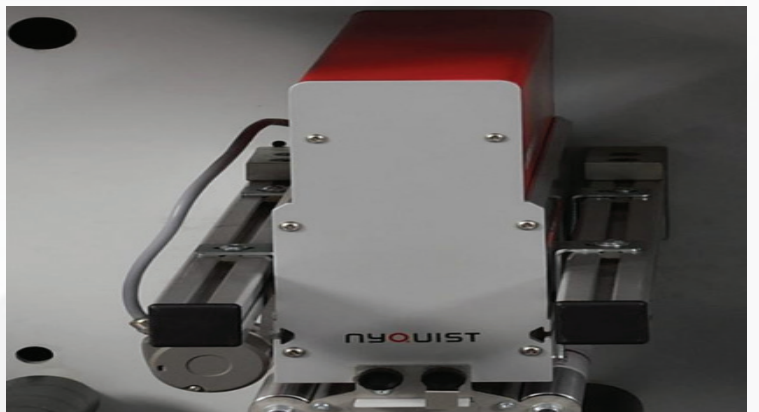
Single 3" unwind shaft with servo driven.
Automatically stop at setting diameter or meters.

Electronic web guiding system and ultrasonic eb guide sensor for keeping paper feeding smoothly and accurately.



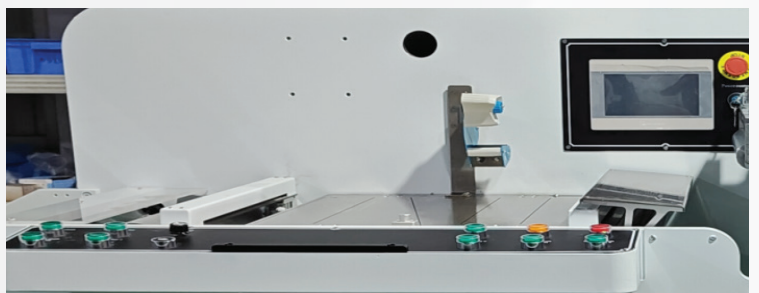
Inspection Camera position

Machine can apply Luster, BST, AVT etc. camera systems



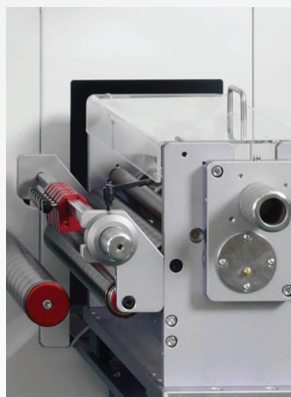
Inspection table

Easy for changing the defected label, the machine will stop at the middle of the inspection table when the defected label is found, easy operation.



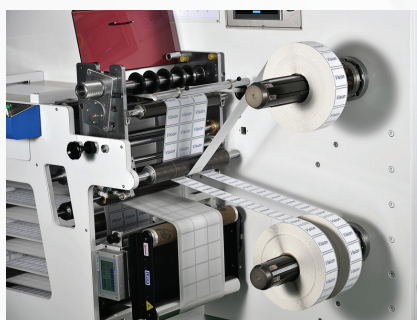
Slitting unit

Servo control shear knife adjust.
10 knives totally.
Razor knife is good for film material.

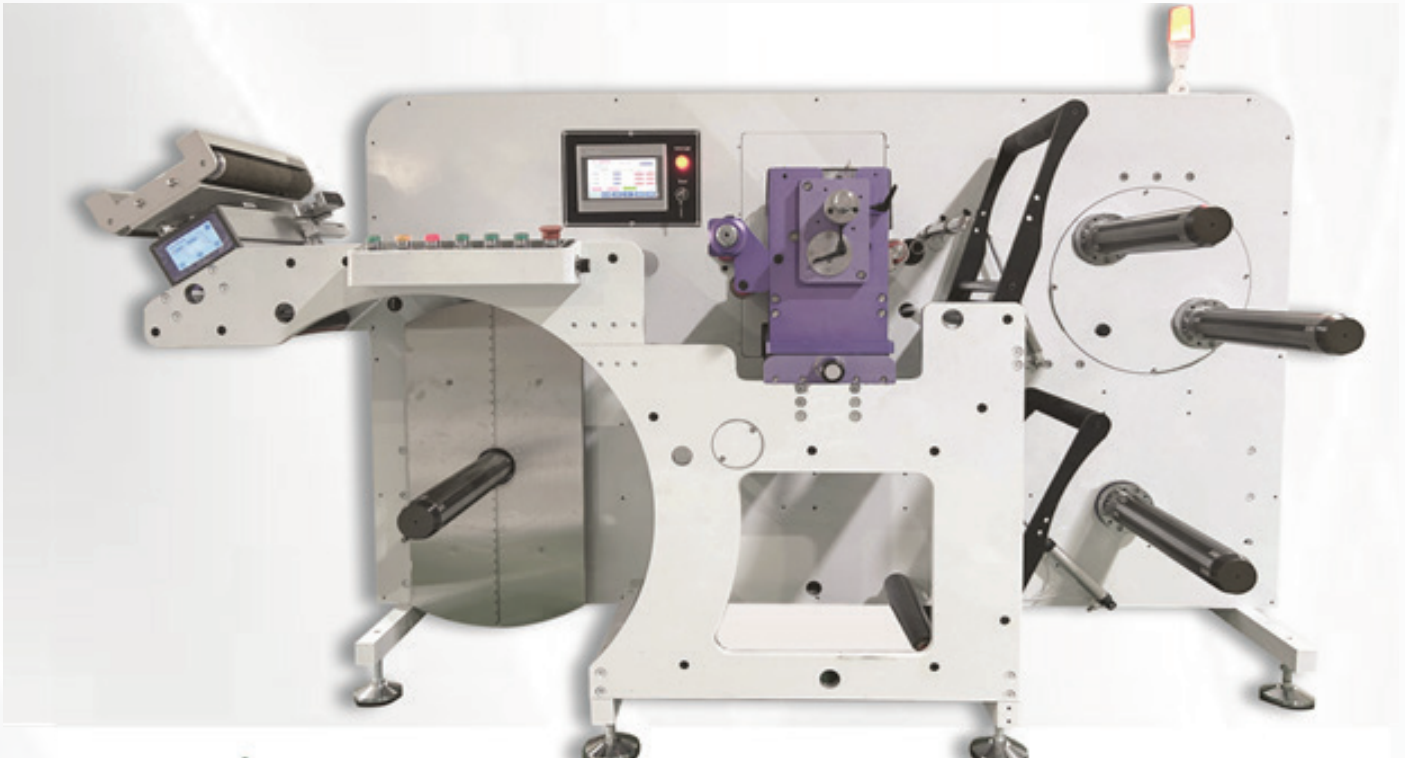


Rewind Unit

Dual 3" / 76mm rewind shaft with servo driven, Maximum rewind diameter 600mm.
Both rewind are with pneumatic cylinder control LAY-on rolls and clamps.
Automatic tension controller.
Option: top rewind semi-turret.



3. High Speed Slitting Machine with Turret Rewinder (PLSR-2)



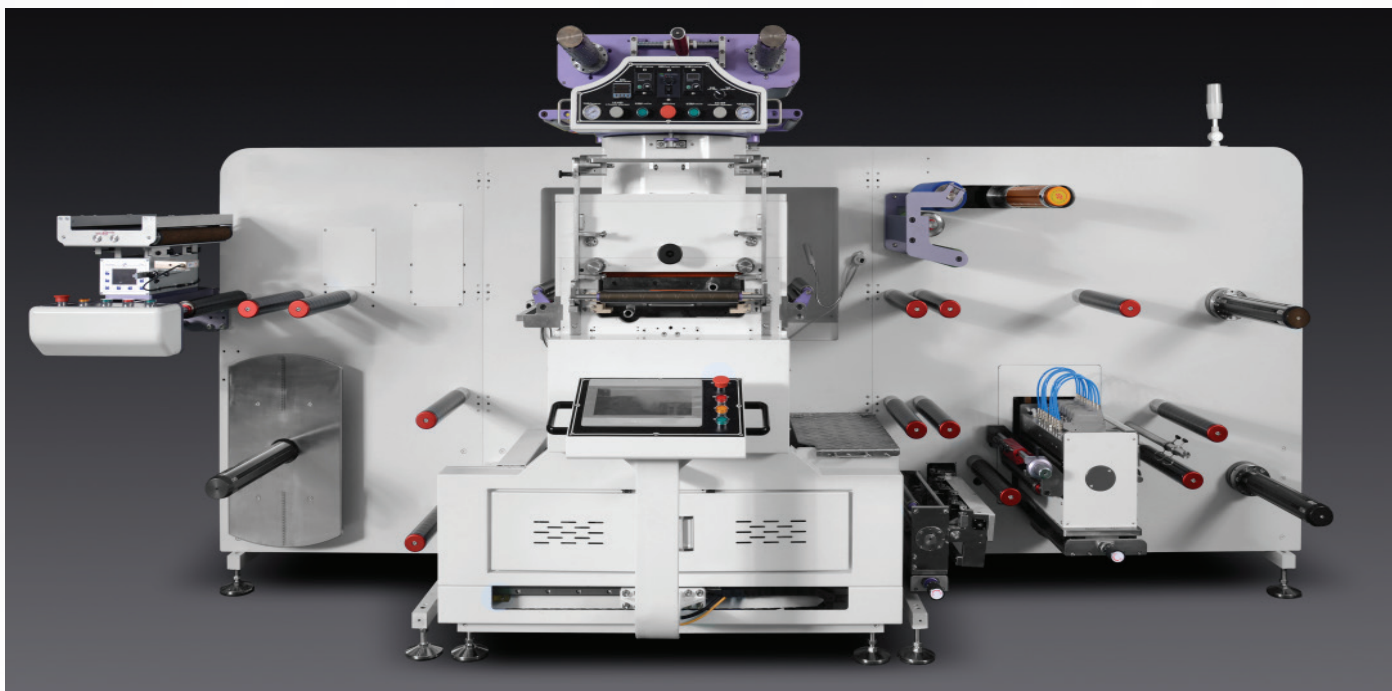
Machine features:

1. Servo driven unwinder
 - Precise unwind tension control
 - Reel end detector
2. Electronic web guide with ultrasonic web sensor
3. Servo driven precision slitting cassette
 - Precise slitting tension control
 - Quick exchange cassette for setup outside the rewinder
 - During production to reduce setup time and waste
4. Trim waste extraction fan
5. Easy access splice table with web clamps
6. Semi-automatic, servo driven turret rewriter
 - Automatic slow down, stop & turn at selected reel diameter or
 - Label count for significant increase in productivity
 - Exchangeable shafts for various diameters
7. User friendly 7" touch screen HMI, job archive (>500 settings) to reduce setup time and waste, remote service access by modem

PLSR2 High Speed Slitting Machine With Turret Rewinder

No	Name	Parameter
1	Max. Roll Width	370mm
2	Max. Mechanical Speed	300m/min
3	Max. Unwind Diameter	800mm
4	Max. Rewind Diameter	450mm
5	Unwind drive	Servo motor
6	Rewind drive	Servo motor
7	Semi automatic turret rewinder	Yes
8	Electronic web-guide	Yes
9	Slitting Accuracy	+/-0.2mm
10	Quick change knives cassette	Yes
11	Shear knives	Yes
12	Razor knives	Yes
13	Trim waste extraction	Yes
14	Linear meter counter	Yes
15	Power Consumption	12kw
16	Air Supply	100 psi
17	Power Supply	3PH+ N+ PE
18	Machine Weight	1.5T
19	Machine size	1800*1450*1825

4. Flat-bed Hot Stamping Machine (PFDH)



Unwind unit	
Max. Web Width	370mm
Max. Unwind Diameter	800mm
Flat bed hot stamping unit	
Max. paper width	360mm
Max. paper length	360mm
Max. hot stamping area	360*360mm
Max. speed	200 times/min hot stamping 450 times/min die cut
Plate height	7mm-23mm
Pad thickness	0.5mm-3mm
Hot stamping accuracy:	30.15mm
Rotary hot stamping head	Yes
Rewind unit	
Max. Upper Rewind Diameter	600mm
Max. Lower Rewind Diameter	600mm
Air Supply	100 psi
Rating Voltage	3PH+ N+ PE
Machine Weight	4.5T

Machine units:

Unwind & web-guide

Single 3" unwind shaft with servo driven.

Automatically stop at setting diameter or meters.

Electronic web guiding system and ultrasonic web guide sensor for keeping paper feeding smoothly and accurately.



Flat bed Hot stamping Unit

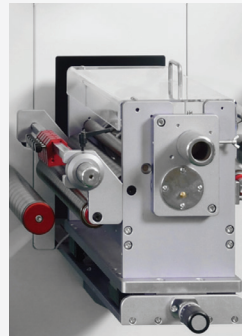
Servo driven. High pressure. Stamping head can 90°rotate, automatic or manual registration system.

with rotary head and differentiated mandrel



Shear/Razor knife slitting (5 knives)

Servo driven crush/razor knife slitting, easy to operate.



Dual Rewinds Unit

Dual 3" / 76mm rewind shaft with servo driven, Maximum rewind diameter 600mm.

Automatic tension controller.



Matrix Removal

Snowball matrix rewinding, more steady and easy to rewind.

Maximum matrix removal rewind diameter can reach 600mm



5. Flatbed Die Cutting Machine (PFD)



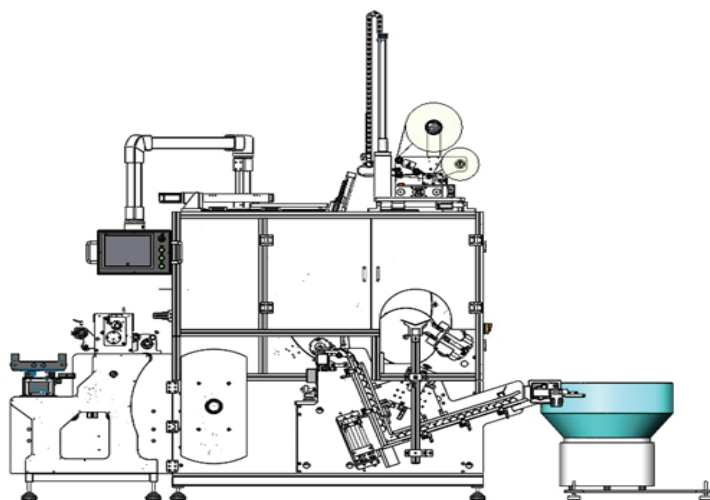
Specifications:-

Max. Web Width:	450mm
Max. Die cutting Width	440 mm
Max. Die cutting length	450mm
Machinery speed	80-400 times/min
Max. Stamping width	440mm(optional)
Max.Stamping length	420mm(optional)
Die cutting precision	30.15mm
Max unwinding diameter	650mm
Max rewinding diameter	650mm
Dimension	3200mm X 1280mm X 1650mm (single station) 4500*1280*1650mm(double station)
Weight	3200KGS
Die cutting upper plate	Standard 1 pc(extra optional)
Die cutting down plate	Standard 1 pc(extra optional)
Stamping upper plate	Standard 1 pc(extra optional)
Stamping down plate	Standard 1 pc(extra optional)

Main Features:-

- This is for sticker die- cutting .
- This machine adopts flat-bed mode,Double row high load imported bearings,independent oil supply motor,making sure the pressure stability.
- All servo motor driving for the whole machine.
- Optional:Pneumatic paper loading ,flexo printing ,cold stamping ,full-cut,rotary sheeter and so on.

6. PGTR Glueless Turret Rewind Machine



PGTR Automatic Glueless Turret Rewinder:

- Turret rewinding machine is equipped with automatic paper tube, which can realize rewinding online without stopping, and connect rotary die-cutting machine, flexo printing machine and other equipment.
- The rewinding machine is equipped with shear knife slitting unit with 8 knives.
- The rewinding machine is equipped with a 1 inch, 1.5 inch, 3 inch quick-release pneumatic shaft for life free of maintenance. When the rewind is replaced with different sizes of shaft, there is no need for manual mechanical adjustment system, which machine can automatically adjust the rewind size to reduce manual labor force and realize intelligent production.
- The rewinding machine is equipped with a paper core loading system, you can put paper cores into the loader, it will automatic loading cores.
- The rewinding products can be easily separated from the paper tube and will not cause damage to the printing head of the printer cartridge to the end customers. When you don't use the turret rewind unit, you can just move them away, every friendly and flexible

Technical Specifications:

Model	PGTR
Max rewind diameter	350 mm
Max feeding width	330 mm
Max mechanical speed	100 m/min (Depends on core size)
Slitting	Shear/Razor knife, 8 knives
Min rewinding width	30 mm
Rewind core size	1 inch, 1.5 inch, 3 inch
Machine power	16 KW
Power supply	3PH + N +PE
Weight	2.2 Ton
Air pressure	0.8 MPa

7. PMFM 330/420/520 Integrated Multi-Functional Digital Finishing System



Machine features:

1. Modular design
2. Full servo control of the whole machine
3. Intermittent screen-printing unit
4. Intermittent flatbed hot stamp and emboss unit, which can be 90° rotated
5. Optional: positioning hologram
6. Intermittent flexo printing unit can do flexo printing, cold foil, varnish, lamination, Optional: positioning lamination
7. Drying system optional: UV or LED-UV
8. Intermittent flexo unit can switch between full and semi-rotary mode
9. Intermittent die-cutting unit can switch between full and semi-rotary mode, optional: Gap master
10. Standard: Shear/Razor knife, Optional: Crush knife; Auto slitting, automatic back
11. cutting
12. Double servo rewind shaft, can rewind forward and reverse
13. Online monitor and diagnosis
14. Optional: corona and dust removal device; IML function

PMFM 330/420/520 Integrated multi-functional digital finishing system

Item	NO.	Name	Unit	PMFM 330	PMFM 420	PMFM 520
Machine Parameters	1	Max. Paper Width	mm	330	420	520
	2	Max. Unwind Diameter	mm	800	800	800
	3	Max. Rewind Diameter	mm	600	600	600

Item	NO.	Name	Unit	PMFM 330	PMFM 420	PMFM 520
Machine Parameters	4	Max die-cutting Speed(rotary)	m/min	0~120	0~120	0~120
	5	Max die-cutting Speed(semi-rotary)	m/min	0~60	0~60	0~60
	6	Printing Accuracy	mm	+/-0.15	+/-0.15	+/-0.15
	7	Optional plate cylinder	T	60-192	60-192	60-192
	8	Standard plate cylinder	T	152	152	152
	9	Die cutting Accuracy	mm	+/-0.15	+/-0.15	+/-0.15
	10	Max die cutting repeat length	mm	457	457	457
	11	Optional magnetic cylinder	T	60-204	60-204	80-204
	12	Standard magnetic cylinder	T	176	176	

PMFM 330/420/520 Integrated multi-functional digital finishing system

Item	No.	Name	Unit	PMFM 330	PMFM 420	PMFM 520
Machine Parameters	1	Max. screen print width	mm	330	410	*
	2	Max. Unwind Diameter	m/min	25	25	*
	3	Max. Rewind Diameter	mm	330x400	410x450	*
	4	Max die-cutting Speed(rotary)	mm	30.15	30.15	30.15
	5	Max die-cutting Speed(semi-rotary)	mm	750x570	*	*

Item	No.	Name	Unit	PMFM 330	PMFM 420	PMFM 520
Machine Parameters	1	Hot stamping width	mm	330	410	520
	2	Hot stamping speed	times/min	200	200	200
	3	Hot stamping area	mm	310x310	420x400	*
	4	Hot stamping Accuracy	mm	30.15	30.15	30.15
	5	Total power	KW	50	50	50
	6	Dimension	mm	L7150 x W1700 x H2050 L7150 x W1800 x H2050 L7150 x W1900 x H2050		
	7	Weight	T	6.5	6.8	7

8. Rotary Die Cutting Machine (PRD)



Machine Technical Specifications:

Max. Web Width	330mm
Max. Unwind Diameter	800mm
Max. Matrix Rewind Diameter	600mm
Max. Rewind Diameter	600mm
Max. Turret Rewind Diameter	400mm
Rewind shaft	3 inch
Max. Die Cutting Width	320mm
Magnetic Cylinder	80T-230T Machine with 224T
Repeat length semi rotary	50-700mm
Max. Die Cutting Speed	150m/min (Full rotary) 90m/min (Semi rotary)
Die Cutting Precision Accuracy	30.15mm
Slitting mode	Shear/Razor knife, 10 sets
Air Supply	100 psi
Rating Voltage	3PH+ N+ PE
Total Power	8KW
Machine Weight	2.5T
Machine dimension	2400mm*1200mm*1500mm

Machine Units:

Unwind & Web guide

Single 3" unwind shaft with servo driven. Automatically stop at setting diameter or meters.

Electronic web guiding system and ultrasonic web guide sensor for keeping paper feeding smoothly and accurately.



Dry Laminate unit

Magnetic powder clutch unwind and manual adjust laminate unit.



Semi-rotary Die cutting Unit

Servo driven. Magnetic cylinders. Heavy duty frame, accessible design. High precision, High efficiency. Automatic or manual registration System.

Semi-rotary mode, can be exchanged between full rotary and semi rotary, save your die cutting tool cost, improve job efficiency.

Special magnetic cylinder 224T.



Gap master



Matrix Removal Unit

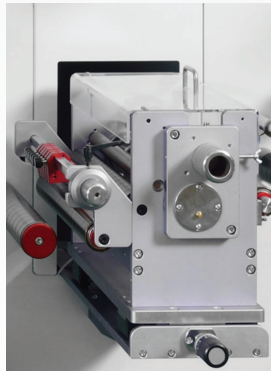
Snowball matrix rewinding, more steady and easy to rewind. Servo motor driven.

Maximum matrix removal rewind diameter can reach 600mm.



Shear/Razor knife slitting (10 knives)

Shear knife slitting, easy to operate.
Razor knife slitting, good for film and paper material with linear.

**Dual Rewind Unit**

Dual 3" / 76mm rewind shaft with servo driven, Maximum rewind diameter 600mm.
Automatic tension controller.

**Belt Conveyor**

Suction belt Motor control conveyor Speed adjustable

