



# PRODUCT DESCRIPTION

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# Company Profile

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## Company Profile

Vision Intelligence is an integrated solution provider for smart equipment's development, printing, and post-press processing, providing customers with one-stop services from customer's demand, design and manufacturing to after-sales support! Vision Intelligent has been transformed and upgraded originally from Rosen Precision. It has an experienced technical team with a deep understanding of the industrial intelligent equipment. Years of industry hard work and technology precipitation enable Vision Intelligent to serve customers with a high starting point and high standards.



## Company Profile

The company's independent development and manufacturing of intelligent equipment are widely used in 3C electronics, printing, medical, daily chemical, automotive and other industries. Vision Intelligence adheres to the core values of integrity, innovation and cooperation, and continues to provide customers with high-quality products and services. Oriented by market demand and focusing on core technological innovation, Vision Intelligence is forging ahead to become the top digital printing and post-press equipment provider at home and abroad!





# Innovation + Ingenuity

Customer-centric, affordable products and professional service!



## Philosophy

Integrity, innovation, service



## Orientation

Provide integrated solutions of printing, converting&inspection



## Value

Create greater value for customers with innovation and intelligence



# product description

- equipment Exhibition
- Features
- Device parameters

# 1. HP-25K Inline slitting machine





## Features



- ◆ 1. The rewinding tension is controlled by an independent motor and PLC, and the whole machine tension is controlled by servo motor.
- ◆ 2. The web-guide system adopts ARISE deviation correction for edge control.
- ◆ 3. Large diameter steel roller traction, equipped with pneumatic control nip roller.
- ◆ 4. Low-voltage electrical appliances and pneumatic components: domestic famous and imported ones.
- ◆ 5. Equipped with fully automatic pneumatic shear knife slitting, convenient and powerful.

## Parameters

NO.	name	HP-25K
1	Web width	780mm
2	Rewind diameter	800mm
3	Slitting web width	30mm-780mm
4	Slitting speed	30m-100m/min
5	Diameter of paper core	3inch
6	Slitting accuracy	±0.15mm
7	Voltage	380V
8	Total power	8KW
9	Machine size	L1700mm* W1700mm* H1750mm
10	Machine weight	1500KG

## 2. CLS-N350 slitting machine



# Features



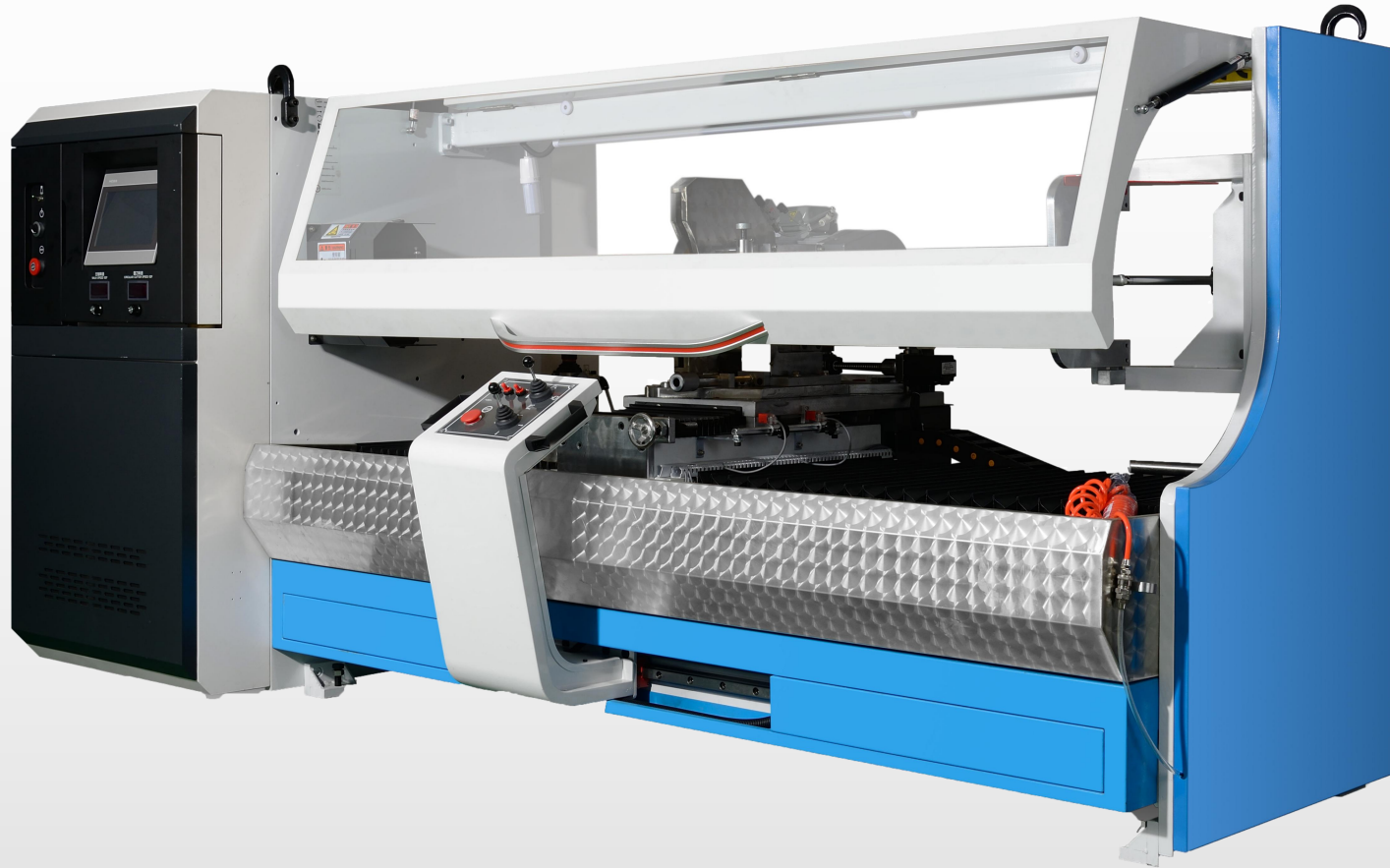
Scope of application: wide and narrow web material and post-press label slitting

- ◆ 1、 High slitting speed, accurate and efficient
- ◆ 2、 Controlling the tension of unwinding and rewinding material with magnetic powder
- ◆ 3、 The main part of the machine adopts shear knife design imported from Japan. Import bearing, hard bearing steel shaft, ensures the slitting accuracy more effectively
- ◆ 4、 With automatic meter counting, sheeting counting, length setting and automatic stop.
- ◆ 5、 The whole machine has the advantages of compact structure, convenient and easy operation..

## 产品参数

NO.	Name	CLS-N350
1	Web with	350 mm
2	Unwind diameter	500 mm
3	Rewind diameter	500 mm
4	Max. Slitting speed	120m/min
5	Unwinding roll diameter	3"
6	Rewinding shaft diameter	3"
7	Rewinding shaft quantity	2pieces
8	Voltage and total power	220V /2.0KW
9	Magnetic powder quantity	3sets
10	Dimension	1250 mm *900mm *1430mm

### 3. CLS-Q1300 Automatic slitting machine



## Features



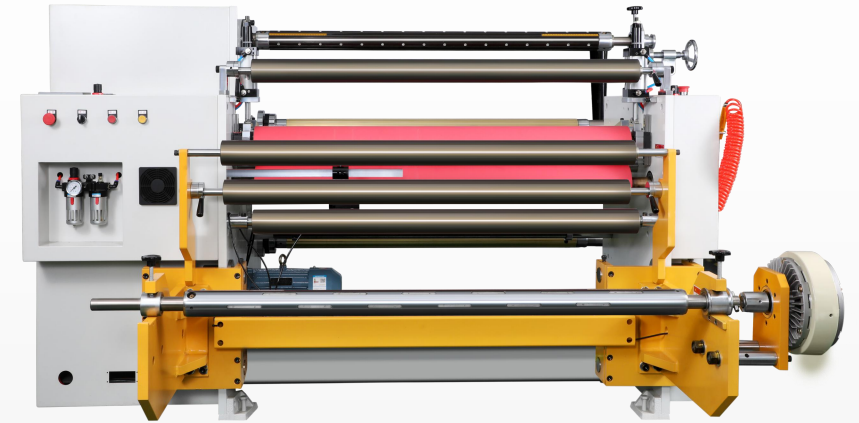
- ◆ 1.The whole machine is with exclusive smooth system, which can extent the machine' s usage life.
- ◆ 2.Electrical equipment, Japan Siemens module, China Taiwan touch screen, Schneider handle switch to make the machine stable.
- ◆ 3. Use the latest improved operating system to make the device easier to operate.
- ◆ 4.The ball screw, the guide roller is all imported, and the accuracy is more guaranteed.
- ◆ 5.Signal transmission line is a dedicated bend-resistant shielded towline cable to reduce the failure in daily use.
- ◆ 6. Mainly for the slitting of the varnish film materials

# Parameters

NO.	name	CLS-Q1300
1	web width	1400mm
2	inner diameter of the paper core	76mm(25mm-76mmCan be customized)
3	Max. unwind diameter	320mm
4	Voltage	380V 50HZ(Can be customized220V)
5	cutting width	1mm-1350mm
6	cutting precision	±0.1mm
7	Machine size	2.9m*1.3m*1.5m
8	Machine weight	1500kg
9	Machine total power	8kw



## 4. CLSF-T1300 Protective film slitting machine



## Features



Scope of application:  
PET, OPP, PVC, PC, protective film, release  
film, synthetic paper and other roll materials.

- ◆ 1、 Strong flexibility: system upgrade, personalized design according to product process;
- ◆ 2、 Modular design: easy to install and powerful;
- ◆ 3、 Model processing: using high-quality raw materials, long service life, long-term precision and stability;
- ◆ 4、 Machining process, according to international process requirements: quenching, tempering, inner and outer circle fine grinding, CNC, gantry turning and milling, are all produced in strict accordance with process requirements from every detail, make sure the accessories precision and long-term performance.

# Parameters

NO.

name

CLSF-T1300

1	Max web width	1300 mm
2	Unwind diameter	φ 800mm φ 3"air shaft
3	Rewind diameter	φ 450mm φ 3"air shaft
4	Slitting width	30 mm - 1300 mm
5	Slitting accuracy	±0.15mm
6	Max laminating web width	1250mm
7	Max laminating unwind diameter	400mm
8	Mechanical speed	130m/min (depends on materials)
9	Machine total power	8KW
10	Working voltage	three-phase four-wire system AC380V
11	Machine weight	2100KG
12	Machine size	L2200 mm* W2300mm* H1300mm

## 5. CLSF-D slitting rewinding machine



## Features



Application range:  
PET films, release films, copper  
foil etc.

- ◆ Siemens PLC HMI with automatic stop of meter counting, automatic detection for the remaining meters, automatic speed regulation for line speed, working parameters and running operation can be set on HMI.
- ◆ Low voltage electrical appliances and pneumatic components are Chinese good brand and imported.
- ◆ Chinese good brand for the servo motor driven and PLC with following control system. Pre-tension system, high speed and stable tension
- ◆ Rewinding unit matches with 3' Spline type friction shafts, it has option with automatic unloading push-out unit which can save your time and labour.
- ◆ Unwinding unit matches with all-in-line 3' or 6' shaft-less loading. Automatic hydraulic feeding saves your time and labour.
- ◆ Negative pressure paper platform saves your time of exchanging materials.
- ◆ EPC web guide
- ◆ Execution and locking pneumatically
- ◆ Dual big diameter nip rollers for paper path.
- ◆ It's assembled with the laminating device, which can be widely used in the protective film industry.
- ◆ Slitting unit matches with up and down shear knives, razor knife is optional.

## Parameters

NO.	name	CLSF-D1300	CLSF-D1700
1	Max. web width	1300 mm	1700mm
2	Max. unwind diameter	φ 1000mm	φ 1000mm
3	Max. rewind diameter	φ 600mm	φ 600mm
4	Slitting width	30 mm - 1300 mm	30 mm - 1600 mm
5	Slitting speed	200m/min	200m/min
6	Paper core	3 inch	3 inch
7	Slitting precision	±0.15mm	±0.15mm
8	Voltage	380V	380V
9	Total power	12KW	14KW
10	Machine dimension	L2200mm*W2900mm*H1600mm	L2200mm*W3200mm*H1600mm
11	Gross weight	3200KG	3500KG

## 6.CLSF-L1300 Vertical slitting rewinding machine



## Features



Material types are applicable to various flexible packaging films: CPP, BOPP, PET, PE, composite films, aluminized films and other soft non-adhesive materials.

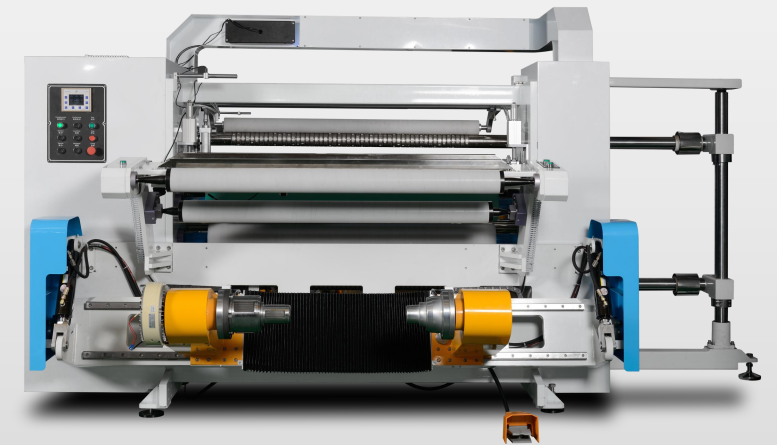
- ◆ 1. Siemens PLC and human-machine interface, with meter-counting automatic shutdown, the remaining amount is automatically dynamic detection, automatic speed regulation of line speed, working parameters and operating status can be set on the screen
- ◆ 2. The main machine and the rewinding adopts the independent servo motor and PLC of the domestic first-line brand for follow-up control, with a pre-tension system, high speed and stable tension.
- ◆ 3. Rewinding adopts 3 spline slip friction shaft.
- ◆ 4. Unwinding adopts integrated 36 universal shaft-less loading.
- ◆ 5. The Web Guiding System adopts EPC Web Guiding device
- ◆ 6. Traction adopts active steel rollers, wear-resistant rubber on the surface of passive pressure roller
- ◆ 7. Low-voltage electrical appliances and pneumatic components are domestic famous and imported
- ◆ 8. Slitting method adopts razor blade slitting method



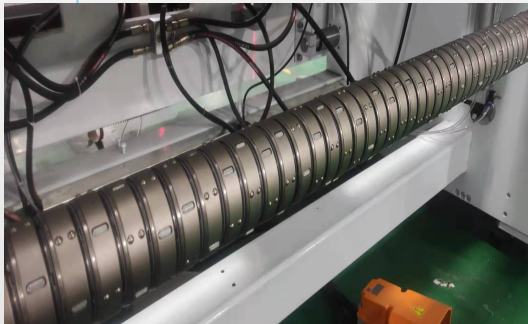
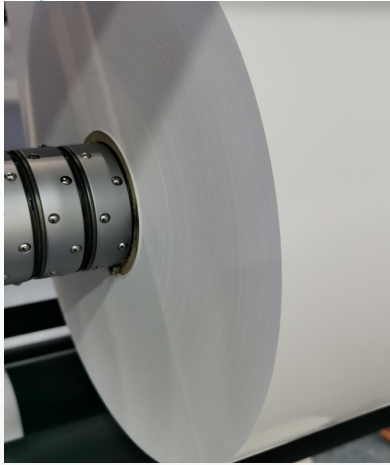
## Parameters

NO.	name	CLSF-L1300
1	Max web width	1300 mm
2	Unwind DIA	φ 800mm
3	Rewind DIA	φ 450mm φ 3 friction shaft
4	Min slit width	30 mm - 1300 mm
5	Mechanical speed	500m/min
6	Main motor	2.9kw servo motor
7	Winding motor	2.9kw servo motor
8	Transfer method	synchronous belt
9	Guide shaft	φ 80~ φ 100Hard aluminum alloy aluminum roll10、 Correction range:150mm、 precision ±0.1mm
10	total machine power	12kw
11	Work Voltage	Three-phase four-wire system AC380V
12	Weight	2800kg
13	Dimension	L1600mm*W3300mm*H2100mm

## 7. CLSF-G Paper rewinding machine



## Features



Application range:  
Different kinds of self-adhesive labels, kraft paper, release paper

- ◆ Siemens PLC HMI with automatic stop of meter counting, automatic inspection for the remaining meters, automatic speed regulation for line speed, working parameters and running operation can be set on HMI.
- ◆ Chinese good brand for the servo motor driven and PLC with following control system. Pre-tension system, high speed and stable tension
- ◆ Rewinding unit matches with 3" friction shafts, option with automatic unloading unit which can largely save your time and labour.
- ◆ Unwinding unit matches with 3" or 6" shaft-less for loading, automatic hydraulic feeding saves your time and labour.
- ◆ Negative pressure paper platform saves your time of exchanging materials.
- ◆ EPC web guide
- ◆ Execution and locking pneumatically
- ◆ Dual big diameter nip rollers for paper path.
- ◆ Low voltage electrical appliances and pneumatic components are Chinese good brand and imported.
- ◆ Slitting unit matches with up and down shear knives, razor knife is optional.

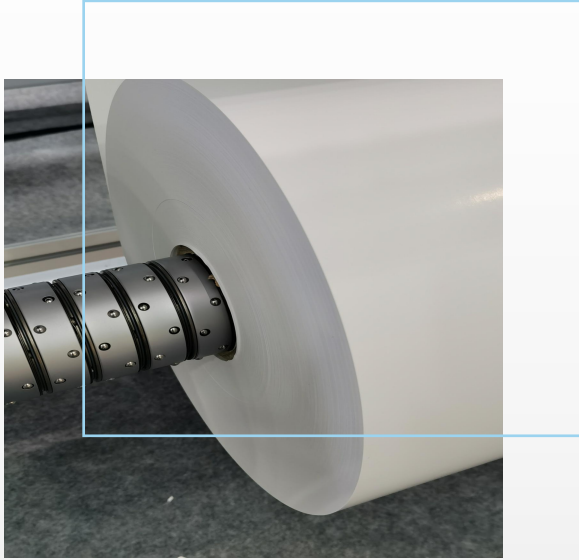
## Parameters

NO.	name	CLSF-G1300	CLSF-G1700
1	Max. web width	1300 mm	1700mm
2	Max. unwind diameter	φ 1000mm	φ 1000mm
3	Max. rewind diameter	φ 600mm	φ 600mm
4	Slitting width	30 mm - 1300 mm	30 mm - 1600 mm
5	Max. slitting speed	350m/min	350m/min
6	Paper core diameter	3 inch	3 inch
7	Slitting precision	±0.15mm	±0.15mm
8	Voltage	380V	380V
9	Total power	16KW	18KW
10	Machine dimension	L2200mm*W2900mm*H2100mm	L2200mm*W3200mm*H2100mm
11	Gross weight	3500KG	3800KG

## 8. CLSP-A High speed slitting machine



## Features



Application range:  
Different kinds of self-  
adhesive labels, kraft paper,  
release paper, PET films,  
release films, copper foil etc.

- ◆ Siemens PLC and HMI, with meter-counting automatic shutdown, automatic detection of remaining amount, automatic speed regulation. Working parameters can be set and operating status displayed on the screen.
- ◆ The main machine and rewinder adopts Chinese good brand independent servo motor and PLC for follow-up control, with the pre-tension system, high speed and stable tension.
- ◆ Rewinder: 3" ball-type friction air shaft, and automatic unload rack is optional, saves time and labour.
- ◆ Unwinder: integrated 3"/6" universal shaftless loading and unloading, automatic hydraulic lifting, saves time and labour.
- ◆ Equipped with a negative pressure paper connect unit, saving time for material change.
- ◆ EPC web-guide device.
- ◆ Pneumatic execution and locking.
- ◆ Nip roller adopts large-diameter double-roller paper path.
- ◆ Low-voltage electrical appliances and pneumatic components are Chinese good brand or imported.
- ◆ Adopting the upper and lower shear knife slitting, and razor knife optional.

## Parameters

NO.	name	CLSP-A1300	CLSP-A1700
1	Max. Unwind Width	1300mm	1700mm
2	Max. Unwind Diameter	φ1300mm	φ1300mm
3	Max. Rewind Diameter	φ650mm	φ650mm
4	Slitting Width	30 mm - 1300 mm	30 mm - 1600 mm
5	Max. Slitting Speed	300m/min	300m/min
6	Inner paper core size	3 inch	3 inch
7	Slitting accuracy	±0.15mm	±0.15mm
8	Rating Voltage	380V	380V
9	Total power	24KW	28KW
10	Machine Size	L4600mm8*W2900mm*H2000mm	L4600mmW*3200mm*H2000mm
11	Machine Weight	5800KGkg	6200KG

## 9. CLSP-B High speed slitting machine

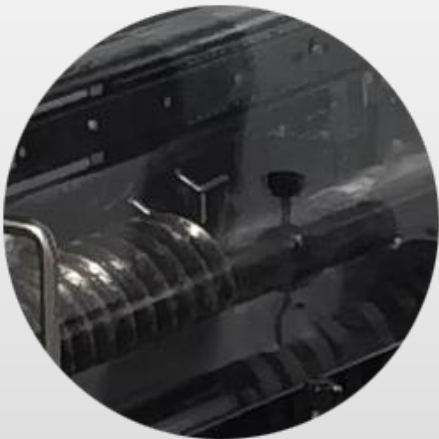




## Features



Application range:  
Different kinds of self-adhesive labels, kraft paper,  
release paper, PET films, release films, copper foil etc.



automatic slitting function

- ◆ Siemens PLC and HMI, with meter-counting automatic shutdown, automatic detection of remaining amount, automatic speed regulation. Working parameters can be set and operating status displayed on the screen.
- ◆ The main machine and rewinder adopts Chinese good brand independent servo motor and PLC for follow-up control, with the pre-tension system, high speed and stable tension.
- ◆ Rewinder: 3" ball-type friction air shaft, and automatic unload rack is optional, saves time and labour.
- ◆ Unwinder: integrated 3"/6" universal shaftless loading and unloading, automatic hydraulic lifting, saves time and labour.
- ◆ Automatic pushing function after rewinding
- ◆ Equipped with a negative pressure paper connect unit, saving time for material change.
- ◆ EPC web-guide device.
- ◆ Pneumatic execution and locking.
- ◆ Nip roller adopts large-diameter double-roller paper path.
- ◆ Low-voltage electrical appliances and pneumatic components are Chinese good brand or imported.
- ◆ Adopting the upper and lower shear knife slitting, and razor knife optional.

## Parameters

NO.	name	CLSP-B1300	CLSP-B1700
1	Max. Unwind Width	1300mm	1700mm
2	Unwind Diameter	φ1300mm	φ1300mm
3	Rewind Diameter	φ800mm	φ800mm
4	Slitting Width	30 mm - 1300 mm	30 mm - 1600 mm
5	Slitting Width	600m/min	600m/min
6	Inner paper core size	3 inch	3 inch
7	Slitting accuracy	±0.15mm	±0.15mm
8	Rating Voltage	380V	380V
9	Total power	39KW	47KW
10	Machine Size	L4600mm*W2900mm*H2300mm	L4600mm*W3200mm*H2300mm
11	Machine Weight	6000kg	6400KG

## 10. CLSF-D2700 slitting rewinding machine



## Features



- ◆ High speed efficiency
- ◆ Stable performance, convenient operation
- ◆ Intelligent, high degree of automation, improvement accuracy and productivity.
- ◆ Frame structure optimization, make machine operation more stable
- ◆ Effectively avoid warping, tension is uniform, hardness can be adjusted

Application range:  
PET films, release films, copper foil etc.

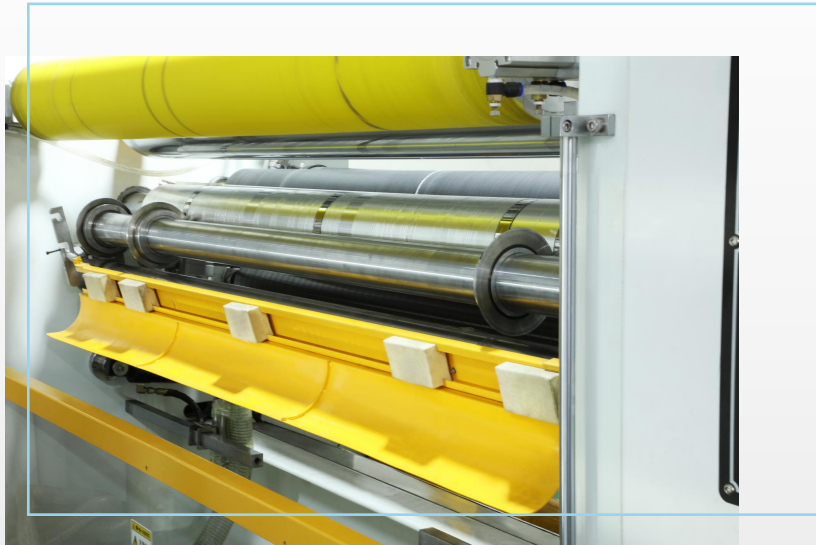
## Parameters

NO.	name	CLSF-D2700
1	Max. Web Width	2700mm
2	Max. Unwind Diameter	φ1300mm
3	Max. Rewind Diameter	φ800mm
4	Slitting Width	50mm-2600mm
5	Slitting Speed	500m/min
6	Paper core	3 inch、 6 inch
7	Slitting accuracy	±0.1mm
8	Working voltage	380V
9	Total power	75KW
10	Machine size	L6100mm*W5300mm*H2300mm
11	Machine weight	10T

# 11. CLR1700 High speed slitting rewinding machine



## Features



### Scope of application:

It is suitable for rewinding and trimming of large roll diameter materials, such as large roll paper (adhesive, label paper, release paper).

- ◆ Siemens PLC and human-machine interface, with meter-counting automatic shutdown, the remaining amount is automatically motion detection, automatic speed regulation of line speed, working parameters can be set and operating status displayed on the screen.
- ◆ The main machine and the rewinding adopts the independent servo motor and PLC of the domestic first-line brand for follow-up control, with a pre-tension system, high speed and stable tension.
- ◆ 3" and 6" air shafts are used interchangeably for rewinding, and automatic hydraulic unloading saves time and effort.
- ◆ Unwinding adopts integrated 3"/6" universal shaft-less loading, automatic hydraulic feeding, strong and powerful.
- ◆ Equipped with a negative pressure paper connection platform, saving time for material change.
- ◆ Web Guiding System uses EPC Web Guiding System
- ◆ The execution and locking are pneumatically.
- ◆ Traction adopts large diameter steel roller.
- ◆ The slitting method adopts the upper and lower shear knives.

## Parameters

NO.

name

CLR1700

1	Unwind Web Width	1700 mm
2	Rewind DIA	φ 1350mm
3	Rewind DIA	φ 1350mm
4	Slitting width	100mm - 1600 mm
5	slitting Speed	500m/min
6	Inner diameter of paper roller	3 inch、 6 inch
7	Accuracy of slitting	±0.2mm
8	Voltage	380V
9	Total power	100KW
10	Dimension	L4500 *W4000*H2150
11	Weight	7000KG





**Thanks for watching**

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product description