

# 炜 天 智 能

VISION INTELLIGENT

Company

Products

Service

# Company Introduction



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.

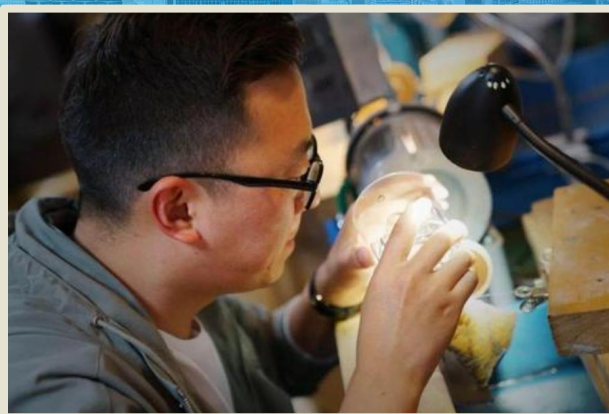
The company's independent development and manufacturing of intelligent equipment are widely used in 3C electronics, printing, medical, daily chemical, automotive and other industries. Vision Intelligence adheres to the core values of integrity, innovation and cooperation, and continues to provide customers 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

# ➤➤ RDF330/420 Digital finishing machine



## Machine features:

- 1. All servo motor control
- 2. Print, cold foil, varnish and laminate
- 3. UV dryer
- 4. Full rotary and semi-rotary exchange
- 5. Shear knife and razor knife slitting
- 6. Servo control rewind shaft, bidirectional running
- 7. Online diagnosis and remote function
- 8. In line with digital printing system (HP, Xeikon etc.)
- 9. Optional on: roll lifter, web cleaner, corona, hot air drying, gap master, automatic slitting, IML, sheeting...etc.



# ▶▶ RDF 330/420 Digital finishing machine

Item	NO.	Name	Unit	RDF330	RDF420
<b>Machine Parameters</b>	1	Max. Web Width	mm	350	440
	2	Max. Paper Width	mm	330	420
	3	Max. Unwind Diameter	mm	800	800
	4	Max. Rewind Diameter	mm	600	600
	5	Max die-cutting Speed(rotary)	m/min	0~120	0~120
	6	Max die-cutting Speed(semi-rotary)	m/min	0~60	0~60
	7	Die-cutting Accuracy	mm	±0.15	±0.15
	8	Max die cutting repeat length	mm	457	457
	9	Optional magnetic cylinder	T	60T-192T	60T-192T
	10	Standard magnetic cylinder	T	152T	152T
	11	Total power	Kw	20	20
	12	Dimension	mm	3900 x 1700 x 2000	3900 x 1800 x 2000
	13	Weight	Kg	2800	3000

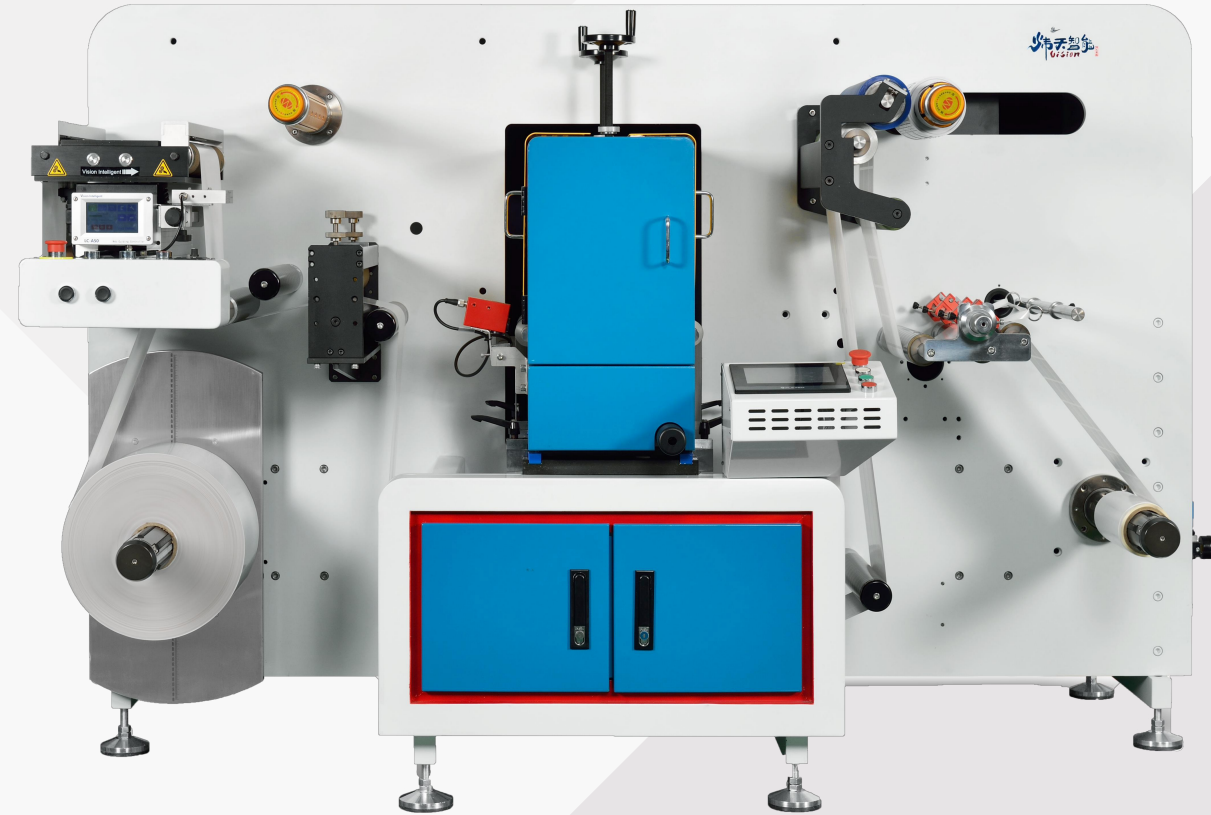


# RD-330R Semi-rotary die cutting machine



## Machine features:

- 1. All servo motor control
- 2. Die cutting unit can be exchanged between full rotary and semi rotary
- 3. Servo motor for rewind, can be both forward and reverse rewinding.
- 4. Snow ball matrix rewind.
- 5. Optional on IML function, gap master, automatic slitting, IML, sheeting, dual rewinds...etc.





# RD-330R Semi-rotary die cutting machine



Item	NO.	Name	Unit	RD-330R
<b>Machine Parameters</b>	1	Max. Web Width	mm	340
	2	Max. Paper Width	mm	330
	3	Max. Unwind Diameter	mm	600
	4	Max. Rewind Diameter	mm	600
	5	Max die-cutting Speed	m/min	Full rotary 120m/min Semi rotary 60m/min
	6	Die-cutting Accuracy	mm	±0.15
	7	Total power	Kw	12
	8	Dimension	mm	2200*1620*150
	9	Weight	Kg	1500





# VS-A370 High speed inspection slitting machine



## Machine features:

- 1.All servo motor control
- 2.EPC web guide system with splice table
- 3.Inspection on line system
- 4.Splicing table
- 5.Standard shear knife slitting
- 6.Meters/Counts stop machine
- 7.Servo control rewind shaft, bidirectional running
- 8.Optional long wasted material rewind shaft





# VS-A370 High speed inspection slitting machine



Item	NO.	Name	Unit	VS-A370
<b>Machine Parameters</b>	1	Max. Paper Width	mm	370
	2	Max. Unwind Diameter	mm	700
	3	Max. Rewind Diameter	mm	Upper 500, Lower 700
	4	Slitting speed	m/min	0~300
	5	Inspection speed	m/min	0~120
	6	Min slitting width	mm	16
	7	Total power	Kw	8
	8	Dimension	mm	2600*1300*1400
	9	Weight	Kg	1500



# VS-B370 High speed slitting machine



## Technical Highlights:

- 1. servo driven unwinder
  - precise unwind tension control
  - reel end detector
- 2. electronic webguide with ultrasonic web sensor
- 3. servodriven 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. extended web path for automatic stop at splice table during QC-inspection and doctoring mode
- 6. easy access splice table with web clamps
- 7. semi automatic, servo driven turret rewinder
  - automatic slow down, stop & turn at selected reel diameter or
  - label count for significant increase in productivity
  - exchangeable shafts for various diameters
- 8. user friendly 10" touch screen HMI, job archive (>500 settings) to reduce setup time and waste, remote service access by modem





# VS-B370 High speed slitting machine



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



# RD-330DA Digital plotter cutting machine



## Machine features:

- 1.Modular design
- 2.All servo control system
- 3.Dual sets, 6 knives
- 4.Applicable bladeline file format:AI
- 5.Laminate function
- 6.Sheeting and conveyor
- 7.Razor slitting





# RD-330DA Digital plotter cutting machine



Item	NO.	Name	RD-330D
<b>Machine Parameters</b>	1	Max web width	350mm
	2	Max repeat length	450mm
	3	Digital blade	3 blades
	4	Min/Max gap of blades	65mm/260mm
	5	Laminate	2 shafts(for unwind and rewind)
	6	Die cutting speed	0-15 m/min(depends on label shape and size)
	7	Die cutting accuracy	+/-0.05mm
	8	Max unwind roll diameter	400mm
	9	Max rewind roll diameter	400mm
	10	Slitting mode	Razor knife slitting(5 knives)
	11	Rewind	2 sets
	12	Tool set	1 set
	13	Voltage/Current	3PH+N+PE 380V, 25.5A
	14	Gross power	12.3KW
	15	Weight	2000KG
	16	Dimension (L*W*H )	2300mm* 1300mm* 1520mm

# ➤ ➤ MDF330/420/520 Integrated multi-functional digital finishing system



## Machine features:

- 1.Modular design
- 2.All servo motor control
- 3.Semi-rotary flat-bed screen printing unit
- 4.Semi-rotary flat-bed hot stamping unit
- 5.Semi-rotary flexo print unit, cold foil, varnish and laminate
- 6.UV dryer and Hot air optional
- 7.Full rotary and semi-rotary flexo printing exchange
- 8.Full rotary and semi-rotary die cutting exchange
- 9.Shear knife and razor knife slitting, optional back score
- 10.Servo control rewind shaft, bidirectional running
- 11.Online diagnosis and remote function
- 12.Optional Corona treating and web clean device
- 13.Optional IML function
- 14.Optional conveyor sheeting

# MDF330/420/520 Integrated multi-functional digital finishing system



Item	NO.	Name	Unit	MDF330	MDF420	MDF520
<b>Machine Parameters</b>	1	Max. Web Width	mm	350	440	540
	2	Max. Paper Width	mm	330	420	520
	3	Max. Unwind Diameter	mm	800	800	800
	4	Max. Rewind Diameter	mm	600	600	600
	5	Max die-cutting Speed(rotary)	m/min	0~120	0~120	0~120
	6	Max die-cutting Speed(semi-rotary)	m/min	0~60	0~60	0~60
	7	Printing Accuracy	mm	±0.15	±0.15	±0.15
	8	Optional plate cylinder	T	60T-192T	60T-192T	60T-192T
	9	Standard plate cylinder	T	152T	152T	152T
	10	Die cutting Accuracy	mm	±0.15	±0.15	±0.15
	11	Max die cutting repeat length	mm	457	457	457
	12	Optional magnetic cylinder	T	60T-192T	60T-192T	60T-192T
	13	Standard magnetic cylinder	T	152T	152T	152T





# CLSF-A1300 High speed slitting machine



## Machine features:

- 1. Available in 1300 - 2000 mm width
- 2. Paper/board 50 - 350gsm, film/laminates 25 - 300 $\mu$ m
- 3. Shaft-less unwinder with reel lift up to 1000 kg
- 4. max unwind  $\varnothing$  1000mm, max rewind  $\varnothing$  600mm
- 5. Fully servo driven, Siemens PLC, user friendly HMI
- 6. Available with max speed 300 - 600 m/min
- 7. Electronic web-guide, laser pointer, anti-static bars
- 8. Shear knife, razor blade slitting, trim waste extraction
- 9. Dual rewind friction-clutch shafts with lay-on rollers
- 10. Dual off-loading arms





# CLSF-A1300 High speed slitting machine



NO.	Name	parameter	NO.	Name	parameter
1	Raw material width	1300mm	9	Guide shaft	80~φ100 hard aluminum alloy
2	Max unwinding diameter	800mm	10	Web-guide range	180mm, ±0.1mm accuracy
3	Max rewinding diameter	600mm	11	Total power	12KW
4	Min slitting width	30-1300mm	12	Working voltage	3 phases AC380V
5	Max slitting speed	300m/min	13	Machine weight	3800KG
6	Main motor	servo motor	14	Razor slitting blades	10 pieces
7	Rewinding motor	servo motor	15	Machine size(L*W*H)	3700 *2200 *1860
8	Transmission mode	synchronous belt	16	Material thickness	50-350gsm paper, 25-300um film



# CLSP-C1600 High speed slitting machine



## Machine features:

1. Available in 1300 - 2700 mm width
2. Suitable for paper/board 50 - 350gsm, film/laminates 25 - 300 $\mu$ m
3. Shaft-less unwinder with reel lift up to 1500 kg
4. Max unwind  $\varnothing$  1300mm, max rewind  $\varnothing$  650mm
5. Mitsubishi servo drives, Siemens PLC, user-friendly HMI
6. Available with max speed 300 - 600 m/min
7. Electronic web-guide laser pointer, anti-static bars
8. High speed shear knife or razor blade slitting with trim waste extraction
9. Dual rewind friction-clutch shafts with lay-on rollers
10. Dual motorized off loading arms with automatic hydraulic flip function





# CLSP-C1600 High speed slitting machine



NO.	Name	Parameter	NO.	Name	Parameter
1	Max. Web Width	1600mm	7	Slitting accuracy	±0.2mm
2	Max. Unwind Diameter	1300mm	8	Material thickness	50-350gsm paper, 25-300um film
3	Max. Rewind Diameter	650mm	9	Rating Voltage	380V, 3PH+ N+ PE
4	SlittingWidth	30-1600mm	10	Total power	30KW
5	Max. SlittingSpeed	300m/min	11	Machine Weight	6 Tons
6	Inner paper core size	3 inch	12	Machine Size	4600*3100*2000



# Product Guarantee



## Quality Assurance

Vision has strict requirements on the supply of raw materials and parts, and cooperates with domestic and foreign first-line brands. From IQC, IPQC, FQC to OQC, there is a dedicated team for strict control, management and QC monitors.



## Standardized Production

According to the optimized design, all the production process is systematized and standardized, and all operations are traceable.



## Production capacity

Vision has its own modern factory, using modern management and production technology, standard monthly production capacity is of more than 1,000 units.



# THANKS