

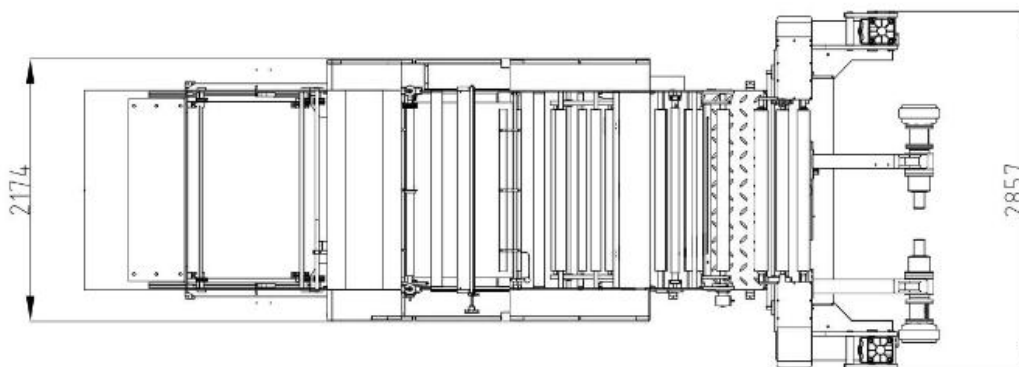
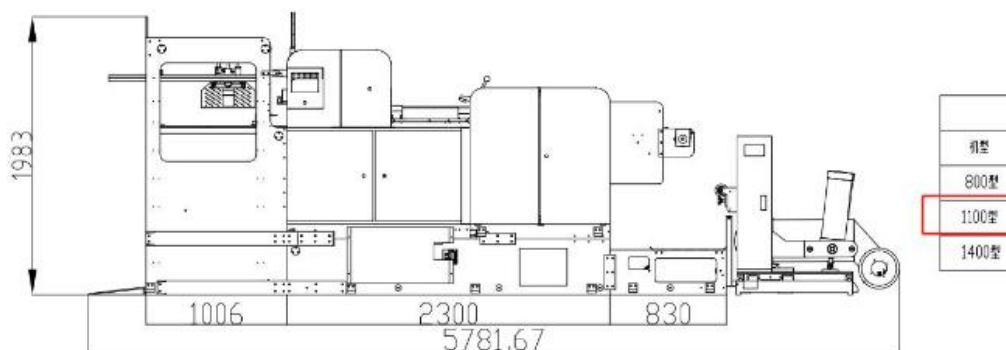


JDS-1400B

CE certified

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Layout



Application:

The model machine suitable converting jumbo roll to sheets. It can cut cardboard paper, duplex paper, craft paper, coated paper, plastic film, printed material and so on. Material gsm range: 50-500gsm.



Performance And Characteristics

We adopt servo motor to control the length of cutting,

This machine has electric and pneumatic control system, easy operating, high precision in cutting, working stable, low-noise.

Frequency converter control motor speed with stable running, automatic counting, alarm and automatic-stop,

Full automatic tension control.

Web edge position automatic correct control by EPC system.

Waste edge is blowing by blower automatically.



Knowledge about unwind stand:

What is the difference between shaft-less and shaft unwind stand? Please check the table below,

Series	Shaft-less unwinder	Shaft unwinder
1	No shaft required for material loading, use 3 and 6inch chuck reach into paper core to support the jumbo roll and lift up	Need shaft manually insert to the paper core, then put the shaft on unwinder. <u>Need buy different shaft size to suit different paper core.</u>
2	Automatic loading and lifting by pressing buttons to avoid body damage during operation	Semi-automatic,
3	Hydraulic lifting	Cylinder lifting
4	2 pcs brake unwind	One piece brake unwind
5	Guide rail of movement 75mm left /right to adjust Jumbo roll to be centered	NO
6	EPC motor available	NO
7	Stronger frame structure	Regular



Technical parameter of sheet cutting machine	
Max width of unwind roll	1400mm
Max diameter of unwind roll	1400mm
Max unwind roll weight	1500KGS each unwinder for shaft-less unwind stand(premium option),
unwind roll stand	One
Cutting speed	20-200cuts/min
Material to cut	40-350gsm paper and board
Cutting type	Guillotine knife +circular slitting blade
Cutting Size (mm)	240x360,240x340, 200x300,250x400,310x430
Cutting Precision	±0.2mm
Speed regulation control	Frequency inverter
Power input	380V,50HZ,3PH 11kw

Drive system	
Cutting Motor	2.2KW, Chinese brand
Traction Motor	1.5KW ,Chinese brand
Traction Motor	Servo motor 3KW ,Chinese brand
Conveyor belt Motor	0.75kw , Chinese brand
Frequency inverter	SINEE ,Chinese brand
Lay on roller	Rubber roller
Transmission roller	Aluminum roller
Transmission way	Synchronous belt
Pressing way	cylinder
Bearing	C&U, Chinese brand and SKF
Static eliminator	2 pieces, Chinese brand
Unwinding unit	
Unwind type	Premium option: rigid shaft-less unwind stand with automatic material loading and lifting, core size 3inch and 6inch ,
Tension control	Premium option: Magnetic powder brake 10KGS X2 each unwinder

Lifting up way	Premium option: hydraulic 2 pcs
Guide rail of EPC	Premium option: Turning right&Left 75mm movement,
Cutting unit	
Guillotine knife	2sets
Circular slitting knife	3pcs
Adjustment of Circular blade positioning	manual
Waste edge discharge	Blower 2.2kw
Control system	
PLC	Panasonic, Japan
HMI	Flexem, Chinese brand
Tension control	Full automatic
EPC(edge position correct)	Chinese brand
EPC precision	±0.2mm
EPC sensor	Ultrasonic sensor 3T,each unwinder
Switch	Chinese brand
Low voltage apparatus	Chinese brand and Schneider
Count meter	Full automatic
Automatic stop	Available

Picture reference of main parts

PLC



Touching screen



Cutting motor



Traction motor



Main motor


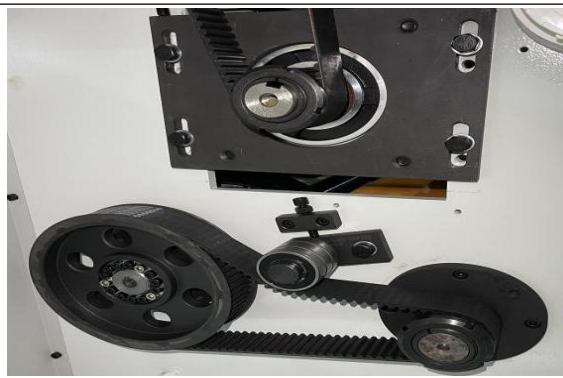
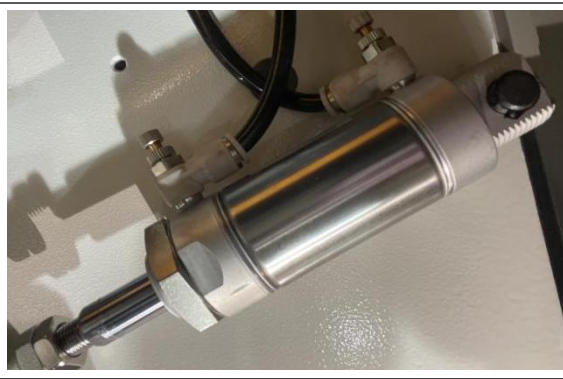




Inverter



Rubber roller



<p>Transmit dance roller</p>	
<p>Synchronous belt</p>	
<p>Air cylinder</p>	
<p>Bearing</p>	
<p>Guillotine knife</p>	

<p>Circular slitting blade</p>	
<p>Shaft-less unwind stand</p>	
<p>Shaft unwind stand option</p>	
<p>Magnetic powder brake for tension control</p>	
<p>EPC(edge position correct)</p>	
<p>EPC sensor ultrasonic</p>	

<p>Switch</p>	
<p>Pallet</p>	
<p>Static eliminator</p>	
<p>Aisle</p>	
<p>waste edge material removal , blower</p>	

