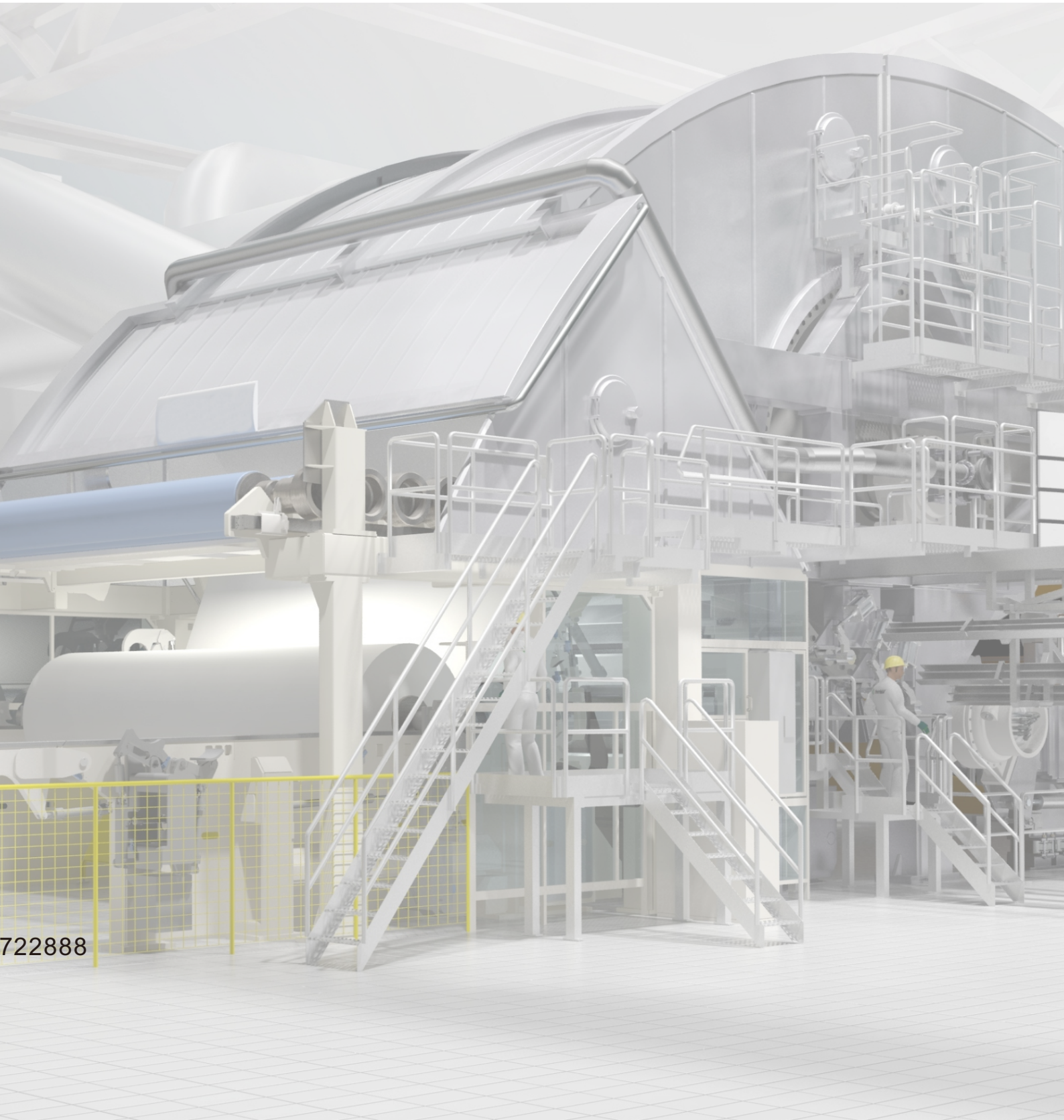


ernal pursuit.



沁阳市澳
Qinyang Aotian Ma



722888

**Customer satisfaction
is our eternal pursuit.**

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ABOUT US

Aotian Machinery Manufacturing Co., Ltd. was founded in 1985, according to the modern enterprise mechanism into a large-scale standardized joint-stock enterprises, with 278 workers, including 23 engineers and technicians, 15 senior engineers. In general, Aotian is in the leading place of paper-making industry in China.

Our factory covers an area of about 60000 square meters, has a technical research and development department, eight large modern processing workshops, and a quality inspection center, with more than 50 large and medium-sized equipments and scientific research design, manufacturing, testing, assembly and debugging and a series of functions.

The company has passed ISO9001:2000 international quality management system certification, CE certification, self-supporting and export rights.

Papermaking machine and papermaking machine parts is our company's main product. Our factory can produce mechanical pulping equipment, chemical pulping equipment, paper scrap deinking equipment, pulping and paper-making sewage treatment equipment, paper-plastic of composite paper separating equipment, etc. We will provide whole services according to our clients' demand, like technical design, equipment production, installation and test instruction and so on. We will meet and exceed your expectations. Please contact our custom service for details.



COMPANY CERTIFICATE



PHOTO OF PRODUCTION

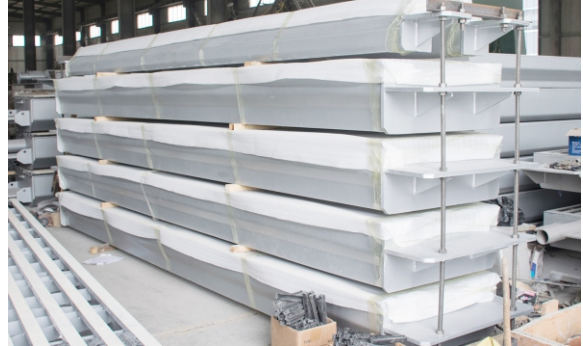


PHOTO OF PRODUCTION



KRAFT PAPER MACHINE

Technical parameter

Manufacturing varieties:Kraft paper

Paper width: 1092-5600mm

Quantitative: 90-150g/m²

Production: Customization

Work speed: Full speed 500M/Min

Center distance: According to models

Transmission form:Use AC frequency conversion and driving by step



CORRUGATED/ FLUTING/ TEST LINER PAPER MACHINE

Technical parameter

Manufacturing varieties:Corrugated/ Fluting/ Carton/Test Liner paper

Paper width: 1575-5600mm

Quantitative: 90-180g/m²

Production:Customization

Work speed:Full speed 500M/Min

Center distance: According to models

Transmission form:Use AC frequency conversionand driving by step



WRITING PAPER/COPY PAPER MACHINE

Technical parameter

Manufacturing varieties: Writing paper/Copy paper

Paper width: 787-4800mm

Quantitative: 50-120g/m²

Production: Customization

Work speed: Full speed 500M/Min

Center distance: According to models

Transmission form: Use AC frequency conversion and driving by step



TOILET TISSUE PAPER MACHINE

Technical parameter

Manufacturing varieties: Toilet tissue paper

Paper width: 787-3600mm

Quantitative: 13-38g/m²

Production: Customization

Work speed: Full speed 650M/Min

Center distance: According to models

Transmission form: Use AC frequency conversion and driving by step



HEADBOX

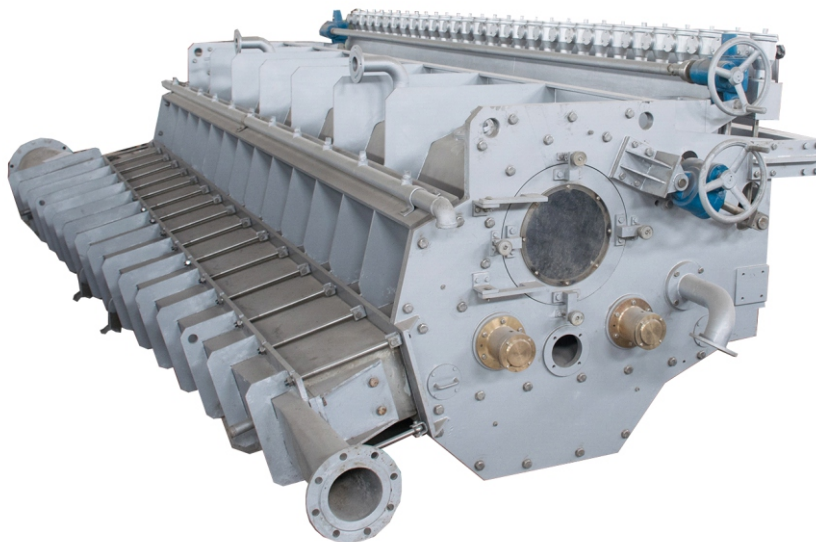
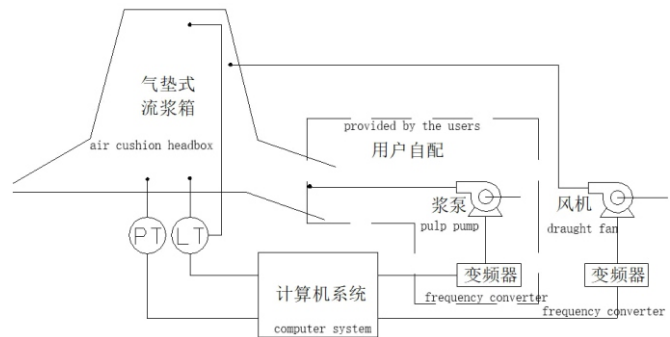
Type: Open type, Air cushion type

Working speed: $\leq 500\text{m/min}$

Lip width $\leq 5800\text{mm}$

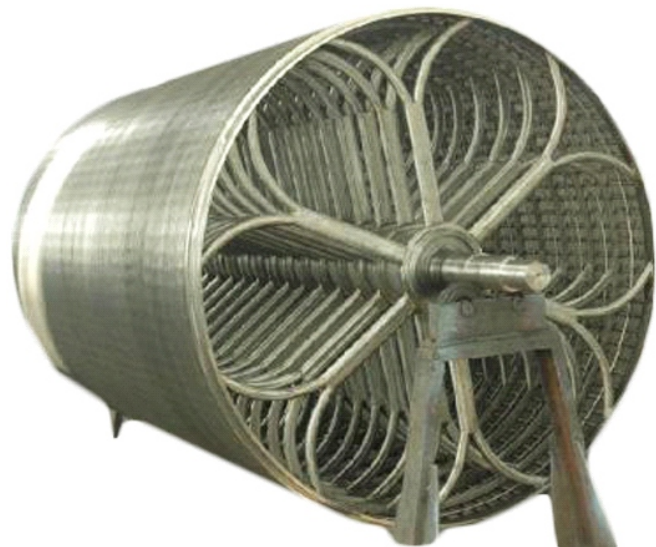
Material: SS304/SS316

We can make as your customized



CYLINDER MOULD

Product specifications: Diameter series $\Phi 1000$, $\Phi 1250$, $\Phi 1500$, $\Phi 1800$, $\Phi 2000$, $\Phi 2500$ etc



DEWATERING ELEMENTS

Forming board

- 1、Raw materials are from European wear-resistant ceramic, alumina purity as high as 99.6%.
- 2、Seamless in whole paper machine running direction
- 3、With the unique structure --- ‘dual dovetail + locking key’, it effectively avoid the scratches on forming wire.
- 4、Various Guide plates for different kinds of high-speed paper machine, such as clip wire paper machine , fourdrinier, sheet forming and dewatering needs.



Hydrofoil

- 1、UV detection, it effectively prevents the risk from cracking tiles.
- 2、Depending on the machine parameters, we designed different foil-angles to form negative pressure zone. This effectively solved the contradiction between the wire formation and dehydration speed.
- 3、Flatness $\leq 0.10\text{mm}$, straightness $\leq 0.15\text{mm}$, joints $\leq 0.02\text{mm}$; surface roughness $\leq \text{Ra}0.4\mu\text{m}$

Low Vacuum suction box

With reasonable opening ratio and low friction coefficient, we can effectively reduce the kinetic energy of vacuum to extend the service life to forming wire .



DEWATERING ELEMENTS

High-Vacuum suction box

Depending on the machine parameters, our company uses different materials ceramic panels, the surface roughness maximum less than Ra0.1, a mirror-like. Meanwhile, with adjustable water lubricated edge, it can reduce the kinetic energy of vacuum and extend the service life of forming networks. Especially those with PX ceramic panel, the maximum speed of adaptation up to 3000 m / min or more.



Ceramic dewatering element

A Zirconia

Advantage: High hardness, high wear resistance, and high bending strength which comparable to high alloy steel.

Application: According to the actual needs of the paper machine, it is suitable for the dewatering element of the wire section and press section of the machine with speed about 1000m/min.

Zirconia technical indicators

Index name	Unit	Index value	Measured value
Hardness	Kg/mm ²	HRA=89.5	HRA=88 convert to HV=1300
Volume density	G/cm ³	4.08	4.08
Coefficient of linear expansion	1/°C	(6.9-6.5)*10 ⁻⁶ /°C	(6.9-6.4)*10 ⁻⁶ /°C
Zirconia content	%	99	98-99.5
Friction coefficient		0.005	0.007
Water absorption rate	%	0.006	0.006

DEWATERING ELEMENTS

B Aluminium oxide

Advantages: High-purity 99 porcelain, aluminum trioxide is a very uniform microcrystalline structure. The surface is smooth after processing, the ceramic has high hardness, high strength and good chemical stability. The friction coefficient with the paper forming net is small, the affinity for the resin is small, and it is easy to keep the net portion clean and prolong the service life of the net portion.

Alumina technical indicators

Index name	Unit	Index value	Measured value
Hardness	Kg/mm ²	HRA=1300	HRA=88 convert to HV=1300
Volume density	G/cm ³	3.8	3.8
Bending resistance	Mpa	320	320
Coefficient of linear expansion	1/°C	$(6.9-6.5) \times 10^{-6}/^{\circ}\text{C}$	$(6.9-6.4) \times 10^{-6}/^{\circ}\text{C}$
Alumina content	%	98-99.5	98-99.5
Friction coefficient		0.007	0.007
Water absorption rate	%	0.006	0.006

C Needle crystal silicon oxide

Advantages: highest resistance to thermal shock, longest forming net life. Low coefficient of friction and high wear resistance.

Application: According to the actual needs of the paper machine, it is suitable for the dewatering element of the wire section and press section of the machine with the speed about 1500m/min.

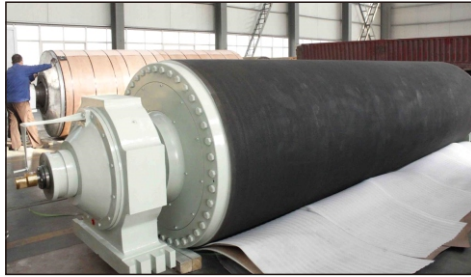
Dryer cylinder

Main technical data:

Diameter (mm)	<Φ1500	Φ1500	Φ1800	Φ2000	Φ2500	Φ3000	Φ3660	Φ3680
Design pressure(Mpa)	0.3-0.5	0.3-0.8	0.3-0.8	0.3-0.8	0.3-0.8	0.3-0.8	0.3-0.8	0.3-0.8
Material	HT200-250	HT250-300	HT250-300	HT250-300	HT250-300	HT250-300	HT250-300	HT250-300
Hardness (HB)	190-240							
Face Width (mm)	1350-10000	1350-10000	1350-10000	1350-8000	1350-8000	1350-8000	1350-6000	1350-5000
Thickness (mm)	18-27	25-32	28-36	30-40	32-47	37-56	40-65	Negotiation
Working speed (m/min)	200-1300							



ROLL SERIES



Press roll

- ◆ Roll Body: adopt HT-300 cast iron to cast inside and outside
- ◆ Thickness: unilateral thickness: 20-22mm
- ◆ Hardness: "A" 98°C ± 2

Big diameter press roll

- ◆ Roll Body: adopt HT-300 cast iron to cast inside and outside
- ◆ Thickness: unilateral thickness: 25mm
- ◆ Hardness: "A" 98°C ± 2

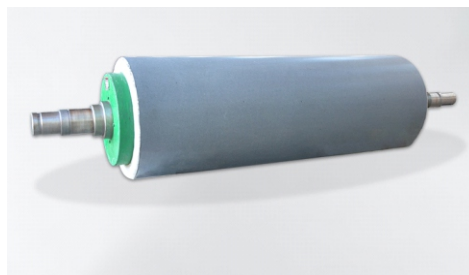


Vacuum roll

- ◆ Roll Body: adopt HT-300 cast iron to cast inside and outside
- ◆ Thickness: unilateral thickness: 25mm
- ◆ Hardness: "A" 98°C ± 2

Guide roll

- ◆ Roll Body: Q235B reel pipe
- ◆ Thickness: unilateral thickness: 7-20mm
- ◆ Hardness: "A" 98°C ± 2



Stone roll

Stone rollers are usually made of materials that are easy to peel off with paper and are mostly made of granite.

Calender

Calender is ideal with paper to improve the quality of paper industry. complete equipment, using artificial aging treatment, is of high rigidity and mechanical strength, Good stability. Mainly used for a variety of paper caused the subsequent pressure light, Finishing effect, improve the paper smoothness, gloss and lightness, to the web Thickness uniformity, good appearance quality paper, played a key role.



Sizing machine



Two rolls: one is a chrome roll or an artificial stone roll, one is a special rubber for sizing, the upper roll is fixed, the rubber roller side is upwardly pressurized, the pressurized form is pneumatic, and a double curved pneumatic device is used. The transmission is divided into: single-point transmission and two-way transmission.

Performance parameters

Model (mm)	AT1092-AT5880
Face Width(mm)	1092-5880

Reeling machine

Application

This machine is the first set of complete equipment of on paper machine. Its weight roll paper roller and fiction drive roll cold cylinder rotation. Paper machine paper forb uniform winding, can meet the needs of different types of paper Need.

Performance parameters

Net paper width (mm)	1092-5200
Max Diameter (mm)	1100
Max working speed (m/min)	400



Rewinder machine

The rewinder machine is used for longitudinal winding of the paper rolls initially rolled on the paper making machine and rewinding into finished paper rolls whose width and tightness meet the requirements.

Features: fast speed, high efficiency, simple operation and smooth operation



(1) Frame type up-feeding rewinder

Main technical data:

Model(mm)	1092-4600
Gauge(mm)	1200-2200
Working speed(m/min)	200-600
Max base paper diameter(mm)	2000-5880
Max finished product diameter(mm)	1000-1500
Driving Method	electromagnetic variable-speed motor driving/ variable frequency variable-speed motor driving
Braking Method	DC motor braking/Variable frequency motor braking

(2) High speed bottom-feeding rewinder

Main technical data:

Model(mm)	2400-4800
Gauge(mm)	3500-5950
Working speed(m/min)	800-2000
Max base paper diameter(mm)	1600-3000
Max finished product diameter(mm)	1000-2000
Driving Method	DC variable-speed motor driving/ variable frequency variable-speed motor driving
Braking Method	DC motor braking/Variable frequency motor braking

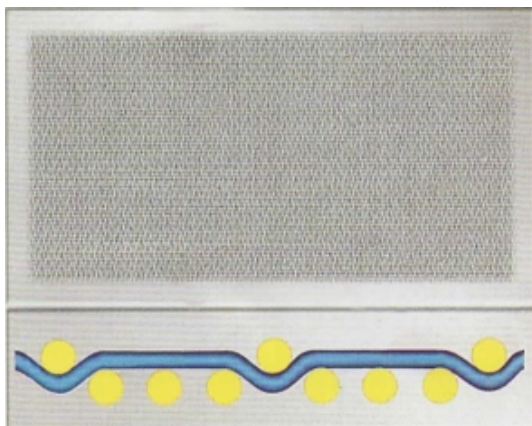
Polyester forming fabrics

The polyester forming fabrics is divided into Four-shed single layer fabrics, Five-shed single layer fabrics, eight-shed single layer fabrics, eight-shed double-layer fabrics, sixteen-shed two and a half layers fabrics and twenty-four-shed three-layer fabrics and other series.

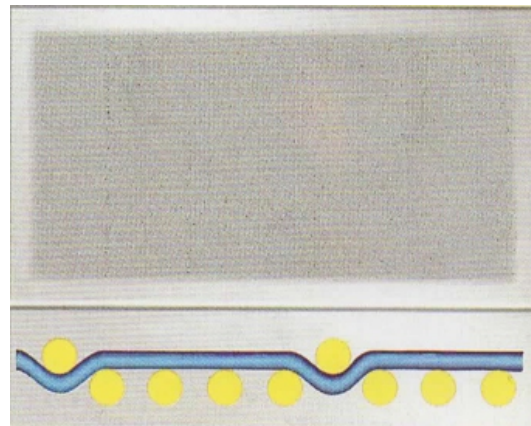
The four-shed and five-shed series single-layer polyester forming fabrics is suitable for making single-glue, double-glue, color-adhesive and other cultural papers, printing paper, glossy paper, wrapping paper, and ordinary newsprint. Suitable for ordinary fourdrinier machines.

The eight-shed series single-layer polyester forming fabrics is suitable for copying large quantities of packaging paper and general printing paper such as paper bag paper, kraft paper, cardboard paper, corrugated paper. Suitable for ordinary fourdrinier paper machines.

Fabric Number	GW 20504	GW 22504	GW 24504
Dia.Of monofilament (mm)	0.50x0.50	0.50x0.50	0.50x0.50
Quantity Of AP (m ³ /m ² h)	15000	12000	11000



Four-shed single layer fabrics



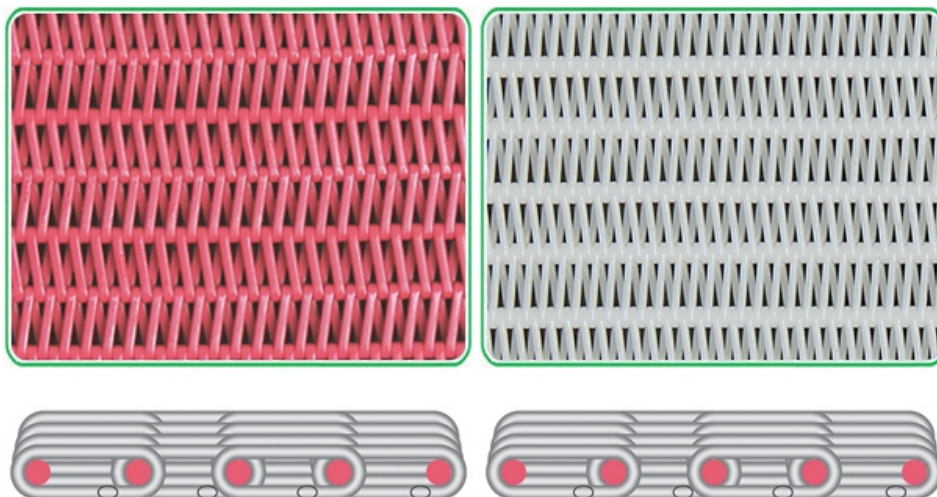
Five-shed single layer fabrics

POLYESTER SPIRAL DRYER FABRICS

The polyester spiral dry fabrics series is suitable for dry and quantitative packaging paper, cultural paper, board paper and pulp board. Widely used in paper, coal, food, medicine, printing and dyeing and rubber products industry, can also be used as conveyor belt and composite machine supporting mesh belt.

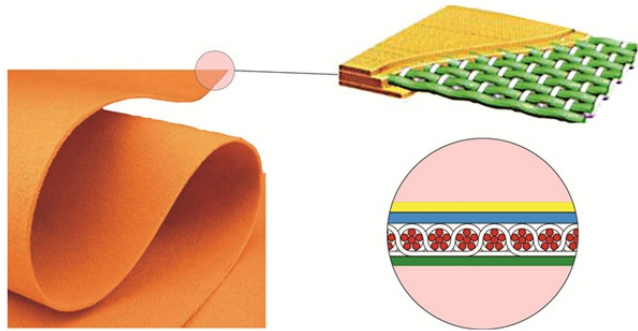
The polyester spiral dry fabrics has the advantages of large gas permeability, flat mesh surface, detachable connection, good strength and long service life. Special material spiral dry fabrics also has the characteristics of high temperature resistance, high wear resistance and aging resistance.

Type	Super Loop	Large Loop	Medium Loop	Small Loop
Dia. of Monofilament (mm)	4.8x10	3.8x7.0	3.5x6.0	3.2x5.2
Quantity Of AP (m ³ /m ² h)	21000±1500	18000±1500	16000±1500	15000±1500

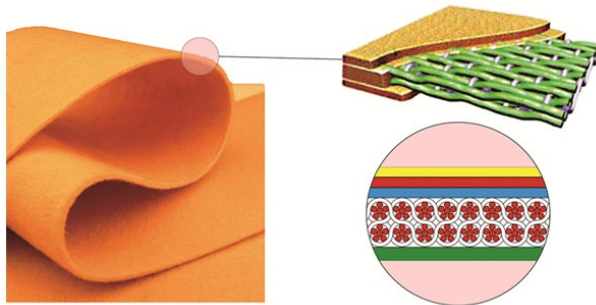


Single Layer BOM Felt

The single layer press felt can have BOM-0, BOM-1, BOM-A, BOM-B and BOM-H (Chemical treatment) series. With suitable design, these felt can be fit for linear pressure up to 100KN/M, MD elongation less than 1%, Broken strength more than 2000n/cm and can reach 600m/min under the GSM range from 700-900GSM.



Double Layer BOM Felt

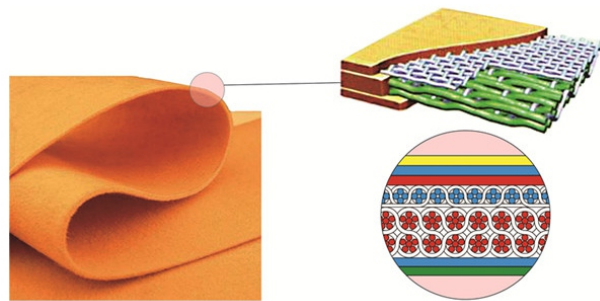


The double layer base fabric press felt can be BOM-2, BOM-2A, BOM-2B, BOM-2H (chemical treatment), these felt can be fit for linear pressure more than 200KN/M, speed from 100 to 1000m/min, with suitable design, these felts MD elongation less than 0.8%. Broken strength more than 3000n/cm and GSM range from 850 to 1300GSM.

Laminated Felt

According different type of the base fabrics, the laminated BOM press felt have 4 series, including BOM-3, BOM-3A, BOM-3B and BOM-3H (Chemical treatment).

With the good base fabric, the laminated felt can be fit for big linear pressure more than 300KN/M and the speed up to 1500m/min. And the GSM of felt have a big range from 1200GSM to 2000GSM. With laminated base fabric structure, these felt have good strength, size stability.



CHAIN CONVEYOR



Features:

Mainly used for conveying loose, bundle of pulp board, or for a variety of waste paper or other materials, can do level or less than 30° slope transportation.

Use special chain drive a stamping trough board conveying material, has a large transmission capacity, motor power small, wear small, reliable operation, high efficiency, etc.

Center distance: According to models

Transmission form: Use AC frequency conversion and driving by step.

Type	AT 1200	AT 1400	AT 1600	AT 1800	AT 2000	AT 2200
Width of conveyor(mm)	1200-2200					
Conveying speed(m/min)	0-12					
Slope angle	20-25°					
Capacity(t/d)	60-200	80-220	90-300	110-350	140-390	160-430
Power of motor(kw)	5.5	7.5	11	15	22	30

BELT CONVEYOR



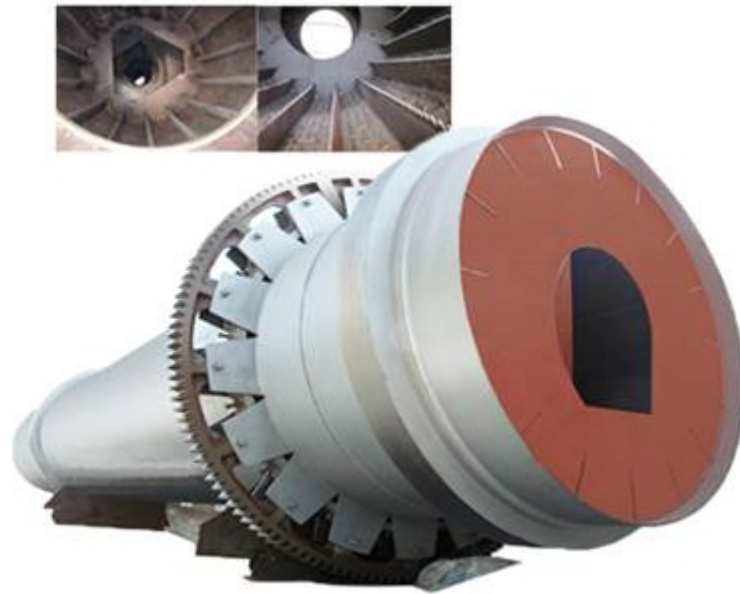
Technical indicators:

1. Accurate measurement: $\leq \pm 0.5\%$
2. Precise control: $\leq \pm 1\%$
3. Speed measurement range: 10:1
4. Working mode: continuous

Main features:

1. All steel frame structure, good system stability.
2. Special reducer ensures long-term stable operation.
3. The unique belt tension and automatic correction function, can make the scale body long-term operation without maintenance.
4. The scale body is equipped with belt inside and outside cleaning device to effectively overcome the adhesion of attached materials.
5. Double sensors (balance beam or bellows) are adopted for direct weighing structure, which successfully solves the errors caused by heavy weight of materials and weighing of lever, greatly improving the measurement accuracy.
6. Adopt digital acquisition module, with effective resolution up to 1 million; Collection rate: 50 times/second; Annual drift less than 50PPM; Temperature drift less than 50PPM
7. Belt scale speed measurement adopts gear speed measurement or rotary encoder speed measurement.

DRUM PULPER



Features

1. Integrated continuous pulping and pre coarse screening with the single machine, simplified the cleaning and separating in following process.
2. Gentle Pulping to maximally keep fiber physical properties.
3. Long pulping time, sufficient stock pulping, good fiber loss less than 0.8%.
4. Low power consumption and low operation cost.
5. Less wear parts, continuous operation for much longer period without shutdown, less maintenance cost.
6. Less breakage of impurities, high rejecting efficiency to reduce the cleaning and screening load in following process.

Technical Data

Model	AT 2500	AT 2750	AT 3000	AT 3250	AT 3500	AT 3750	AT 4000	AT 4250
DrumDiameter(mm)	Ø2500	Ø2750	Ø3000	Ø3250	Ø3500	Ø3750	Ø4000	Ø4250
Capacity(T/D)	70-120	140-200	200-300	240-400	400-600	550-800	750-1000	1000-1400
Consistency(%)	14-18							
MotorPower(Kw)	132-160	160-200	280-315	315-400	560-630	630-800	800-1000	1000-1400

D HYDRAPULPER



Feature:

1. New energy saving rotor to improve the hydraulic circulation and pulping efficiency, less power consumption.
2. D-type vat structure to change the stock flow, quick and frequent contacts between rotor and pulp, short pulping time, more capacity.
3. Adjustable clearance between rotor and pulper plate, raised pulper, heavy impurities drop to reject vat and trash well easily to avoid the wear of rotor and pulper plate.

Technical Data

Model	AT-23	AT-24	AT-25	AT-26	AT-27	AT-28	AT-29	AT-30	AT-31	AT-32	AT-33	AT-34	AT-35	AT-36
Nominal Volume (M3)	5	10	15	20	25	30	35	40	50	60	70	90	120	140
Consistency (%)	3-5%	3-5%	3-5%	3-5%	3-5%	3-5%	3-5%	3-5%	3-5%	3-5%	3-5%	3-5%	3-5%	3-5%
Capacity (T/D)	20-60	60-100	90-120	140-180	180-230	230-280	260-330	300-380	370-450	460-550	550-650	650-800	800-1000	1000-1200
Motor power (Kw)	75	110	160	185	220	280	315	355	450	560	630	900	1100	1250

IMPURITY SEPARATOR



Feature:

1. Special rotor design can avoid impurities miniaturized effectively.
2. Can discharge the impurities according to different specific gravity.
3. Remove impurities from stock as early as possible, to reduce the burden of pulper and other equipment in the following procedure.
4. It is equipped with automatic control system, thus make rejecting more easy and reliable.
5. Front cover can be open, easy and fast maintenance.

Technical Data

Nominal Volume (M3)	1.2	3	5
Consistency (%)	3-5	3-5	3-5
Capacity (T/D)	35-45	60-80	100-140
Motor power (Kw)	45	75	132

THRUSTER



Feature:

- 1.Vane adopts advanced design, powerful thrust, sanforizing, the angle can be adjusted according to different pulp and different consistency.
- 2.This can adopt mechanical sealing.
- 3.Make stock more uniform, low energy consumption.

Technical Data

Model	AT-600	AT-800	AT-1000	AT-1300	AT-1800
Pulp pool Volume (M3)	15-30	40-60	60-80	80-100	100-120
Consistency (%)	≤4.5	≤4.5	≤4.5	≤4.5	≤4.5
Vane diameter(mm)	Φ500	Φ700	Φ750	Φ1000	Φ1250
Rotate speed(r/min)	240	240	240	180	180
Capacity (T/D)	20-50	50-80	80-120	100-150	150-250
Motor power (Kw)	7.5	11	15	18.5	22

HIGH CONSISTENCY CLEANER



Used for removing various heavy impurities in pulp, It can reduce the wear of the next equipment and improve the quality of the pulp.

Technical Data

Type	AT-1A	AT-2A	AT-3A	AT-4A	AT-5A	AT-6A
Flow rate(L/min)	800-1600	1500-2800	3000-4800	4500-5800	5800-7500	8000-12000
Consistency of inflow pulp(%)	HC: 2-5% ; MC: 1-3%					
Pressure inflow pulp(Mpa)	0.2-0.35					
Tapping mode	Automatic					

LOW CONSISTENCY CLEANER/CENTRI CLEANER

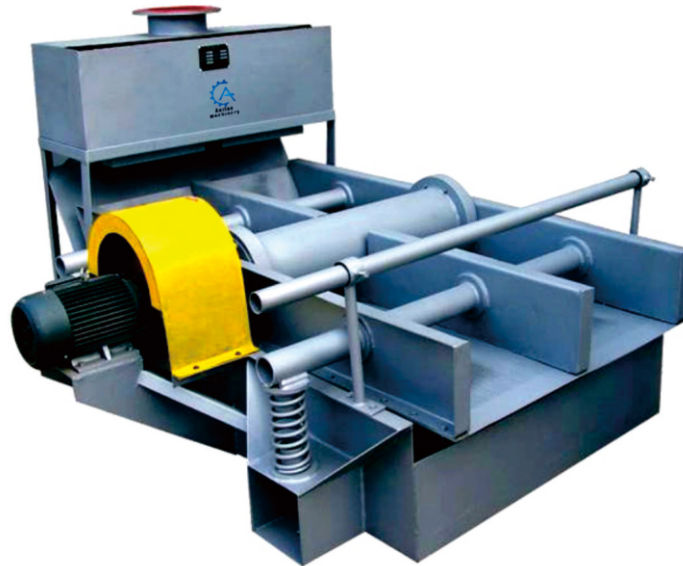


It is mainly used for removing sands, metal, dust and big ink particles, etc.

Technical Data

L-consistency Cleaner					
Model	AT-400	AT-600	AT-800	AT-1000	AT-1500
Flow of Single Equipment(L/min)	400	600	800	1000	1500
Inlet consistency(%)	0.3-1	0.3-1.2	0.4-1.2	0.4-1.5	0.4-1.5
Pressure of Inflow Pulp(MPa)	0.2-0.4	0.2-0.4	0.3-0.4	0.3-0.4	0.4-1.5
Diameter of Deslagging Outlet(mm)	4-10	6-12	6-14	6-18	6-18

VIBRATING SCREEN



Features

- 1.Applicable for all kinds of reject handing at the last stage of screening and separating.
- 2.Adopting double-row self-aligning roller bearing, reliable and stable operation.
- 3.Perfect screening ability with self-washing, high screening.

Technical Data

Model	AT-1	AT-2	AT-3	AT-4	AT-5
Capacity	8-16	20-40	40-80	60-120	60-130
Screen area(m2)	0.6	1	2	3	4
Spraying pressure	0.2Mpa				
Vibration frequency(times/min)	710	710	720	720	720
Screen slot(mm)	0.5-1mm				
Inlet hole(mm)	108	133	159	219	219
Inlet consistency	0.5-1.5%				
Motor	2.2kw/4	2.2kw/4	4kw/4	5.5kw/4	7.5kw/4
Weight(kg)	607	800	1200	1500	1900

PRESSURE SCREEN

Features

Multi foil design, untwisting, gentle pulsation and screening for better cleanness, high pulsation frequency and big capacity.

Mid consistency screening(Max.4%), less water consumption, and energy saving, smaller screening area if for same capacity than low consistency screening, less investment, low maintenance cost .

Less consistency increasing in screening area, high screening efficiency, longer lifetime of the basket.

It is equipped auto oiling device and mechanical sealing water monitoring and alarming device, reserved DCS port to transfer bearing temperature and vibration level, high automatic level.



Technical Data

Type	AT-21	AT-22	AT-23	AT-24	AT-25	AT-26	AT-27	AT-28	AT-29	
Screen area(m2)	0.21	0.32	0.66	0.96	1.26	1.7	2.12	3.29	4.48	
Inlet consistency (%)	1.0-4.0									
(t/d) Production capacity	Hole	30-40	50-80	90-160	135-250	180-320	220-420	260-500	400-700	500-1000
	Slot	20-30	30-50	60-100	90-150	120-190	150-210	200-300	300-450	320-730
Inlet pressure (Mpa)	0.2-0.4									
Motor power(kw)	15-22	22-55	30-75	37-90	45-110	55-132	75-160	90-220	132-280	

UPFLOW COARSE SCREEN



Upward Coarse Screen

The equipment is used for coarse screening and fine screening of the waste paper pulp, chemical pulp, etc.

Technical Data

Type	AT-21	AT-22	AT-23	AT-24	AT-25	
Screening area (m ²)	0.5	1.2	2	3	4	
Inflow consistency (%)	0.5-0.8、0.8-1.5、2-3					
Slot screen	(mm)Width of screen slot	0.2-0.55				
	Capacity(t/d)	10-30	20-80	40-120	60-220	80-250
Hole screen	(mm)Dia of screen hole	1.2-3.5				
	Product capacity(t/d)	20-70	45-130	75-200	120-300	150-400
Inflow screen (Mpa)	0.6					
Motor Power (KW)	22-37	22-37	43-75	75-110	90-132	110-160

IN-FLOW PRESSURE SCREEN

- 1.Small motor power, energy saving ,but big capacity.
- 2.Inflow structure, low pulsation, good formation on wire.
- 3.Diffuse outlet design, smooth accept flow, no spacer flange, inner surface polishing treatment, seamless connection of pipeline, no fiber hanging.
- 4.Modular design of main machine and drive, stable and reliable structure, easy and fast installation and maintenance.
- 5.It is equipped auto oiling device and mechanical sealing water monitoring and alarming device, reserved DCS port to transfer bearing temperature and vibration level, high automatic level.



Technical Data

Type	AT-21	AT-22	AT-23	AT-24	AT-25	AT-26	AT-27	AT-28	AT-29	
Screening area(m ²)	0.68	1.21	1.70	2.11	3.14	4.02	5.13	6.13	7.38	
(t/d)Production Capacity	0.4-0.8									
(t/d)Production capacity	Hole	30-60	70-130	110-160	140-260	250-400	260-520	350-600	420-700	500-900
	Slot	25-45	55-80	80-120	100-160	150-300	180-320	220-400	260-480	350-600
Inlet pressure(Mpa)	0.1-0.4									
Power(KW)	18.5	22	30	37	45	55	75	90	110	

ROTATING DRUM SCREEN

Features:

- 1.It is mainly used in waste paper pulping system to remove large light impurities.
- 2.Effective screening, low power consumption.
- 3.Simple structure, reliable performance, easy maintenance.



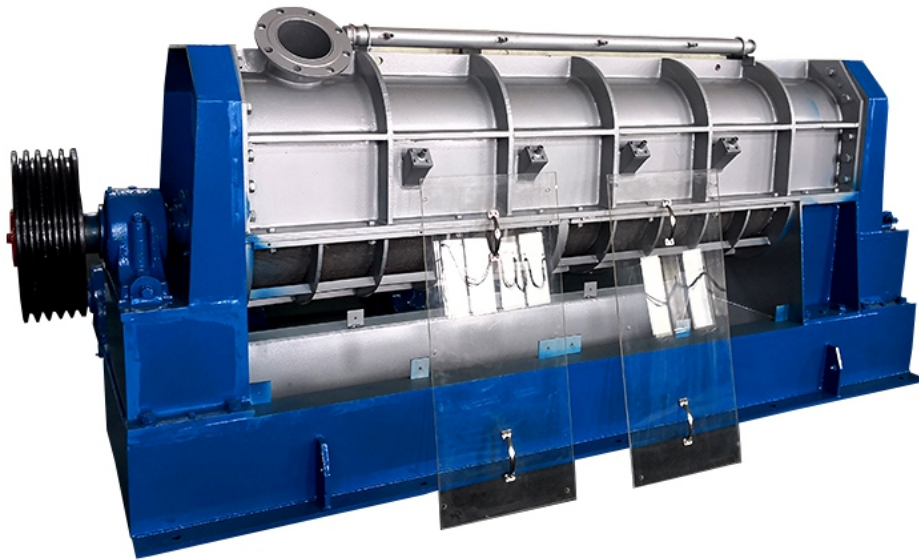
Technical Data

Model		ZS T1A	ZST2A	ZST4A	YTS1500
Drum Diameter(mm)		Φ 1000	Φ 1500	Φ 2000	Φ 1500
Throughput(L/min)		3000-5000	6000-8000	9000-12000	8000-10000
Hole Diameter(mm)		Φ8、Φ 12			
Spray Water Pipe	Diameter(mm)	Φ42	Φ48	Φ60	Φ89
	Water Flow (L/min)	100-300	150-400	200-500	320-500
Motor	Model	YVP112M-4	YVP132S-4	YVP160M-4	YVP160M-4
	Power(KW)	4	5.5	11	11
Outline Dimension(mm)		4500*1555*1900	5660*2000*2500	6880*2530*2965	6200*2300*4335

REJECT SORTER

Features

1. Less fiber in the reject after this equipment, no water basically, to reduce reject handling cost in the following procedure.
2. Low friction force due to special rotor design, guarantee rejecting integrity, to separate reject and stock efficiently.
3. Open-type upper cover for more simple and easy maintenance.
4. Equipped with washing pipe, to reduce basket plugging and fiber loss.



Technical Data

Standard(mm)	Φ280	Φ380
Capacity(T/D)	10-20	20-35
Inlet Consistency(%)	1-2	
Reject Consistency(%)	15-20	
Motor Power(KW)	22	

GRAVITY CYLINDER THICKENER



Features

Gravity cylinder thickener is used for thickening and washing the low consistency pulp such as wood pulp, cotton pulp, straw pulp and waste paper pulp.

Technical Data

Model		AT-22	AT-23	AT-24	AT-25	AT-30	AT-35	AT-40
Filter Area(m ²)		10	15	20	25	30	35	40
Inlet Consistency(%)		0.3-1.2						
Outlet consistency(%)		4~6						
Power(Kw)		7.5		11		15	18.5	22
Production	Straw Pulp	0.8~1t/(m ² -d)						
	Bulrush Pulp	2-2.5t(m ² -d)						
	Chemical Wood Pulp	3~3.5t/(m ² -d)						
	Waste Paper Pulp	1.5~2t(m ² -d)						

TOILET PAPER PUNCHING AND REWINDING MACHINE

Toilet paper rewinding machine punching embossing machine is after digesting and absorbing the advantages of similar products at home and abroad design of special equipment to produce paper rolls with large diameter pressure rachis,



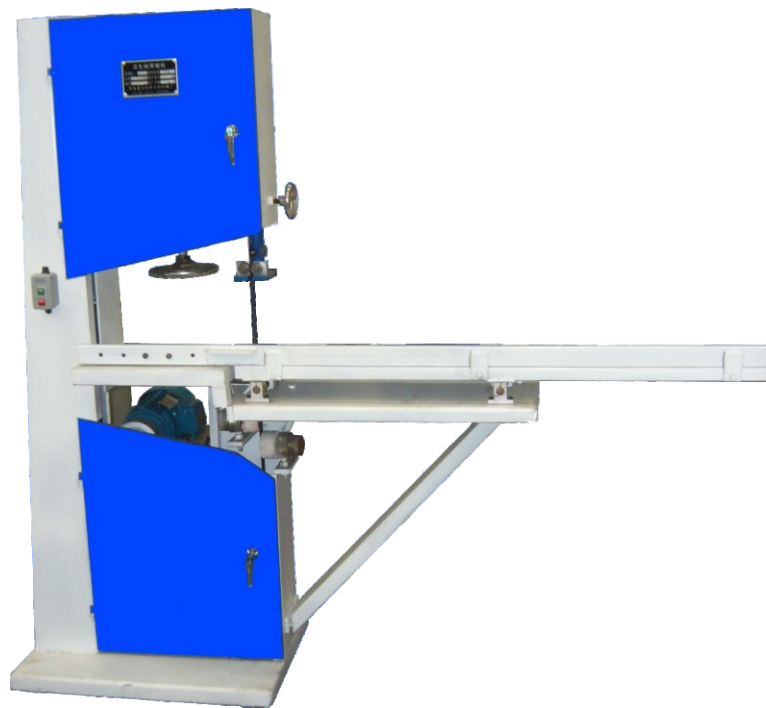
optimal Angle of the screw knife punching, equipped with double embossing + gluing device, the paper back rack adopt floating paper, ensure uniform paper finished double-side are positive, feel is smooth, soft, under the same weight volume can be increased more than 15% have the embossing clear delicate, clear punch neat low noise knife less loss;The paper roll diameter tightness can be adjusted at will and high accurate and reliable yield, is the ideal equipment for Jumbo roll paper production.

Technical Data

Machine Model	AT-T1092	AT-T1575	AT-T1880
Paper Width (mm)	1300	1800	2200
Finished Diameter (mm)	φ 50~180mm Adjustable Width		
Finish Paper Core	φ 30~55mm		
Base Diameter (mm)	1100mm Standard (Other size are available)		
Jumbo Roll Core Diameter	76mm Standard (Other size are available)		
Process Capability	150~280 M / Minute		
Parameter Setting	PLC PLC computer operating system interface		
Back Stand	Standard three layersynchronous transmission		
Perforation Pitch (mm)	2Pitch Blade, 150~300mm ;3Pitch Blade, 80~220mm		
Pneumatic System	The 3 horse air compressor, a minimum pressureof 5kg/cm2Pa		
Power	5.5kw~15kw		
Dimensions (mm)	Stepless variable speed6200x2600x800mm~6200x4000x800mm		

BAND SAW CUTTING MACHINE

Band saw cutting machine can cut the toilet log roll which is rolled by a toilet paper rewinder into desired lengths of finished toilet roll. The machine is equipped with automatic blade grinding and movable table device, with stable running performance and high production efficiency.



Technical Data

Model	AT-3750
Finished product specification	Cut length adjustable
Capacity	2t/d
The length of the blade	3750mm
Power	1.5kw
Weight	360kg
Size of host machine:	1300×70×1800mm

AUTOMATIC BAND SAW CUTTER

Technical Features:

1. The main motor is driven independently by frequency converter;
2. Automatic stop and alarm of broken knife;
3. The feeding motor adopts high-precision servo system to ensure the quality of finished products;
4. The equipment automatically calculates the quantity of finished products cut according to the length of raw materials and finished products;
5. When the input data is wrong, the device will stop working and prompt adjustment on the interface;
6. Automatic classification of cut paper heads and ends;
7. The equipment is cut with a knife to reduce the user's cost;

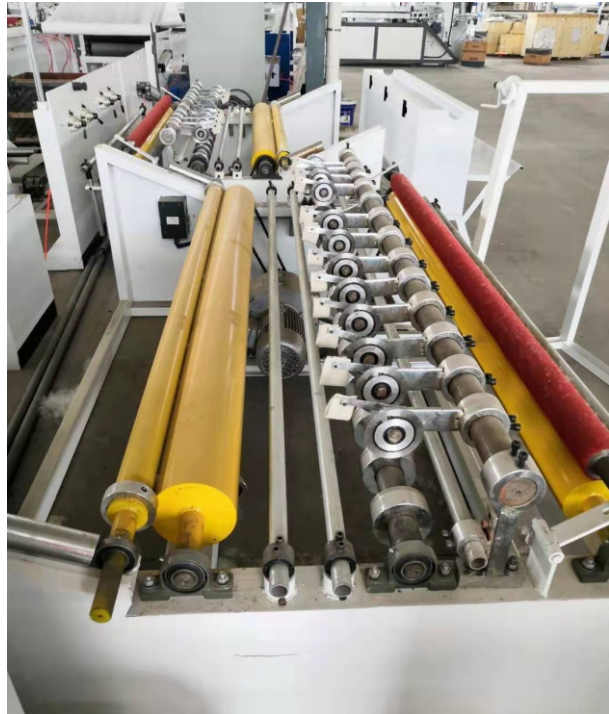


Technical Data

Item	Unit	Parameter	Note
Machine weight	Kg	1000kg	
Cutting speed	Cuts/min	150~180	
Paper cutting channel	Line	1	
Cutting blade	Band saw blade	3750*60*0.6	
Raw paper length	mm	≤2200mm	Can be customized according to customer needs
Cutting deviation	mm	±1mm	
Cutting range	Length	mm	≤400mm
	Diameter	mm	60~130mm
Total Power	Kw	6kw	
Power supply	Three-phase four-wire 380V/50HZ		

PAPER SLITTING MACHINE

Air suction coil paper slitting machine is mainly used for rewinding the sanitary paper from a single layer into a single layer, two or three layers of paper for folding paper towels, napkins, boxes, etc. This machine adopts vacuum suction edge, fixed upper knife Angle, smooth operation, neat incision, is the paper mill or paper processing plant cutting paper is the ideal supporting equipment.



Technical Data

Model	AT-F1575	AT-F1880
Rewind diameter(mm)	≤Φ1100	
Raw Paper Size(mm)	Φ1000×1800	Φ1000×2200
Speed	0-150m/min	0-180m/min
Power	2.25KW	3KW
Dimension(L*W*H):(mm)	1880X1880X1030	1880X2380X1030
Weight	1800kg	2200kg

NAPKIN FOLDING MACHINE

Napkin folding machine is used for embossing, printing, folding, slitting long or square paper towels. The machine is equipped with two-color ink printing system, which can print various exquisite patterns and trademarks with accurate color registration, high cost performance and strong stability.

Adjust the gap between the two folding wheels according to the different layers of the original paper and the weight of grams.

The color printing system adopts the professional inking roller, which makes the printing effect more exquisite.

The calendering device adopts steel glue, and the embossing bottom roller adopts wool cloth roller, wool roller and rubber roller (choose one of them).

Raw paper is fed into the calendering device by synchronous belt, and then into the embossing device after calendering and printing. There are tension adjustment devices between the raw paper, calendering and embossing.

Steel embossing device can be added to make the paper more smooth.



Technical Data

Model	AT-A
Finished size	190x190-460x460
Folding size(mm)	100x100-230x230±2 (Width adjustable)
Raw paper size	≤ Φ1200
Speed	800P/MIN
Raw paper core inner diameter	750mm(Can customization)
Embossing roll	Rubber roll, Wool roll
Counting system	Electronic counter
Power	4kw
Diameter	3200x1000x1800mm
Weight	890kg
Use power	Electromagnetic coupling
Driver system	6# Chain

FACIAL PAPER MACHINE

The box tissue machine adopts frequency conversion speed regulation and is equipped with touch screen multi-screen man-machine interface operating system. The remote communication service system is independently developed to monitor the operation of the machine at any time. The whole machine adopts synchronous belt drive, the speed ratio between the front and rear of the transmission speed change machine makes the equipment suitable for the needs of various raw paper, which greatly improves the quality and efficiency.

Features

- 1、2 rows 460mm,3 rows 580mm,4 rows 850mm,5 rows roll width 1050, 7 rows roll width 1450mm, 10 rows roll width 2050mm;
- 2、The paper backing frame adopts pneumatic paper stepless adjustment speed ratio to adjust different paper tension;
- 3、can be folded according to the need of different width of the product, can choose point cut or cut;
- 4、The original paper alignment function can be configured as required;
- 5、Automatic shutdown system for paper breaking to avoid waste products caused by no paper or paper breaking;
- 6、Using forward and backward inching switch traction paper, easier and safer operation



FACIAL PAPER MACHINE

Technical Data

Machine Model	AT-5L/7L/10L
Product Size (mm)	200x200±2mm Other size are available
Paper Diameter (mm)	φ1100mm Other size are available
Paper Core Inner Dia	76.2mm Other size are available
Speed	0~150 (m /Points)
Controller	PLC
Embossing Device	Steel to steel embossing
Embossing Roller End	Felt roller, wool roller, rubber roller, steel roller
Blank Lines	Steel on steel, the independent regulator
Cutting System	none
Vacuum System	11/18.5/22kw
Pneumatic System	customer 3 air compressor, at least the pressure 5kg/cm ² Pa
Host Power	5.5/7.5/11kw
Dimensions	Depending on the model and configuration to the actual size
Weight	Depending on the model and configuration to the actual weight
Use of power	Variable frequency speed regulation
Embossing Device	Steel-to-rubber Roller, steel-to-steel embossing, steel-to-wool Roller, steel-to-wool Roller
Embossing Roller End	Felt roller, wool roller, rubber roller, steel roller
Cutting System	none
Blank Lies	Steel on steel, the independent regulator



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