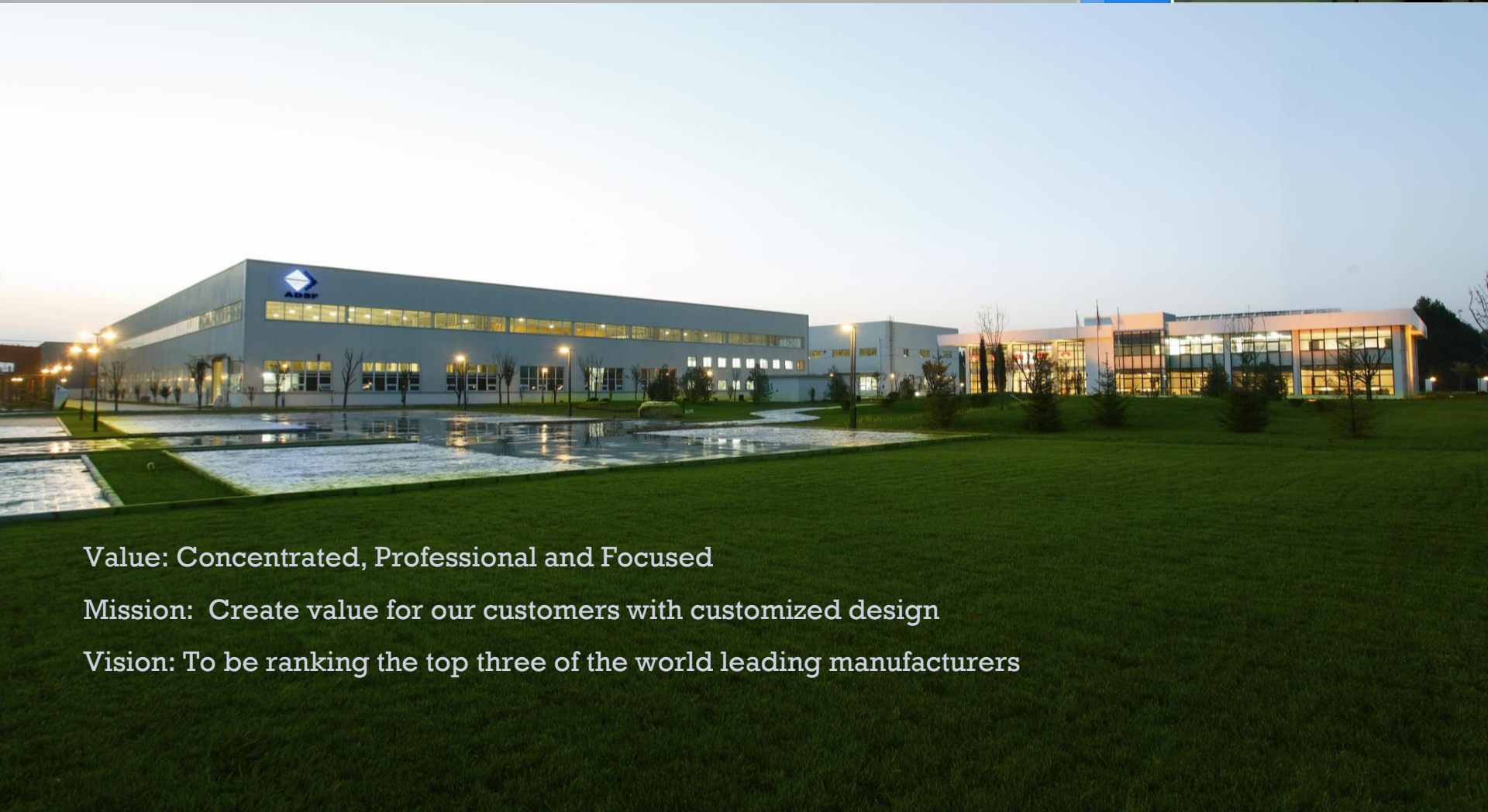




ADSF
Gu'an Anteng Precision Screening Equipment Manufacturing
Co., Ltd.



Value: Concentrated, Professional and Focused

Mission: Create value for our customers with customized design

Vision: To be ranking the top three of the world leading manufacturers



**1985 – Gu’An TengFei Welfare Screening Plate Factory was founded
Gu’an County, Heibei Province**



**2005 – Beijing Andao Screening Equipment Manufacturing Co., Ltd. was founded
Daxing District., Beijing**



Company Profile



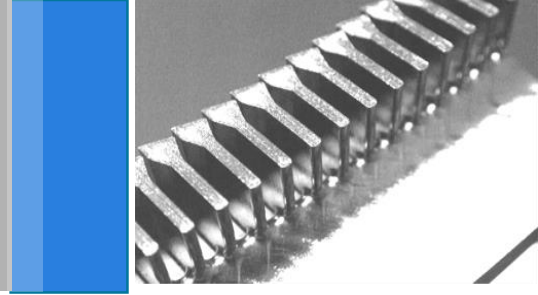
Consolidation of two previous factories - 2010.06
ADSF Gu'An AnTeng Precision Screening Equipment MFG Co., Ltd.

ADSF Gu'an Anteng Precision Screening Equipment manufacturing Co., LTD is constantly growing with the commission of professional, dedicated and focused on screening system since 1985.

Our company is located in HeBei Province, 20km from Beijing Daxing International Airport. The workshop occupies about 34247 square meters, employee 230.

As the leader of industry and international famous brand ,we provide quality services for more than 400 clients worldwide with sophisticated technology, advanced equipment , personalized services.

Competitive strength



Advanced Equipment

Introducing advanced equipment from Switzerland for technical innovation

Customized services

Providing technical design services according to customers' different application and requirement

Strictly QC System

Every material preparation & production Procedure is inspected and recorded Strictly



Professional Technicians

Engineers are sophisticated and professional with more than 35 years experience in paper &pulp industry

Specialized and dedicated

We have specialized in screening basket and plate for nearly 35 years

Powerful Productivity

Wedge Wire Screen Baskets: more than 6000 sets/year

Drilled Hole Screen Baskets: more than 3000 square meters/year

Other kinds of Drilled Hole and Slotted Plates: more than 2000 sq.meters (total)/year

Pulp and Paper Screens



ADSF developed its pulp and paper product line to satisfy all requirements and applications for mill filtration.

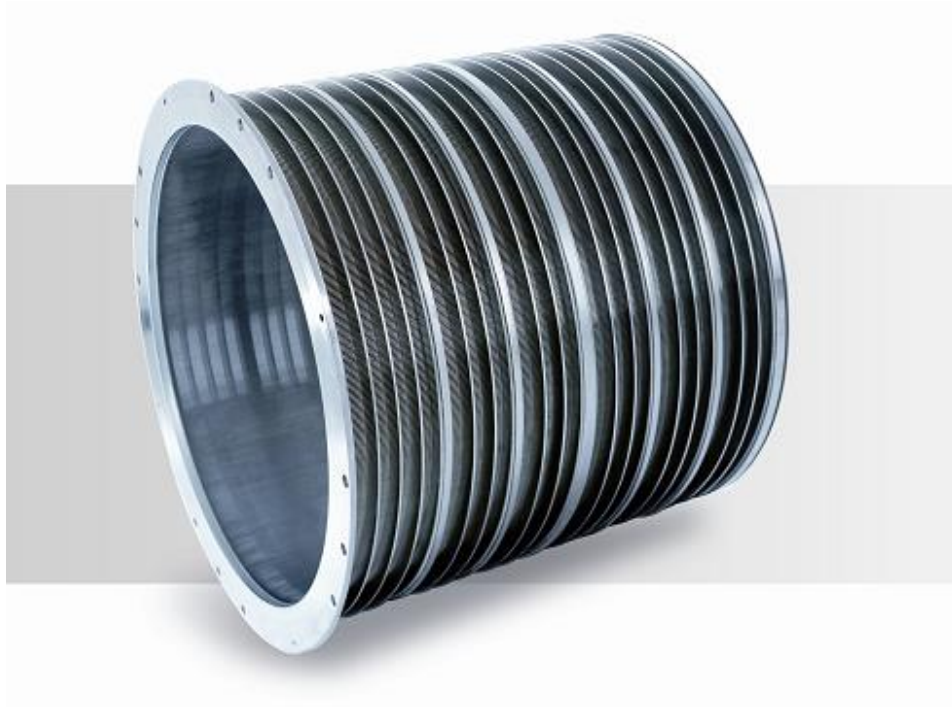


- Pulping Process
- Pulp Drying
- Stock Preparation
- Paper Machine
- Filters
- Wastewater



- Wedged Wire Slotted Cylinders
- Milled Slotted Cylinders
- Drilled Hole Cylinders (smooth or with profile)
- Coater Filters Screen Cylinders
- EB Drilled Hole Cylinders
- Micron Screens
- Drilled Hole Extraction Plates

Wedge Wire Slotted Cylinders



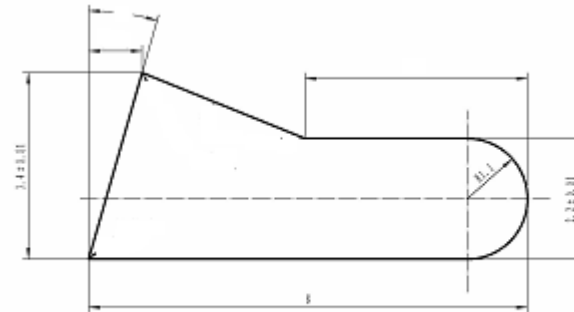
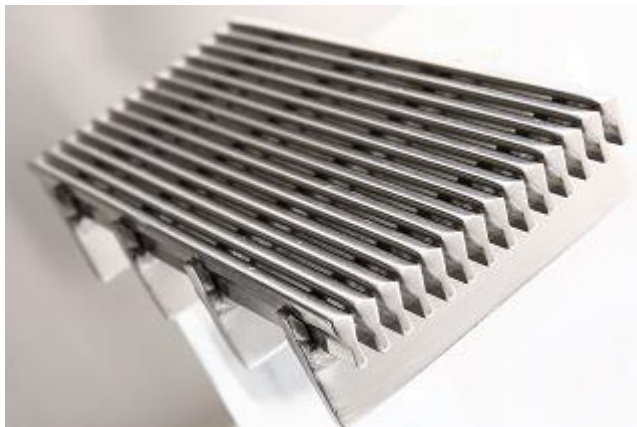
- Custom Designed
- Min. Slot Size: 0.1mm
- High Open Area
- Slot Tolerance: $\pm 0.02\text{mm}$
- Cylindrical Deviation: $\pm 0.5\text{mm}$
- Dimensions adaptable to any specific needs
- Chromed in our own workshop:
Thickness: 150-350um
- 304 ss, 316L ss, 304/316 ss

Profile Wires



With a wide range of wire shapes, sizes and materials, we will work with you to select the ideal combination for the product you are looking for, creating the optimum screens for your cleaning and filtration application.

- **over 30 types of profile wires**
- **wire width: 2.0 - 4.0 mm**
- **profile depth: 0.5 - 1.5mm**



Milled Slotted Screen Cylinders

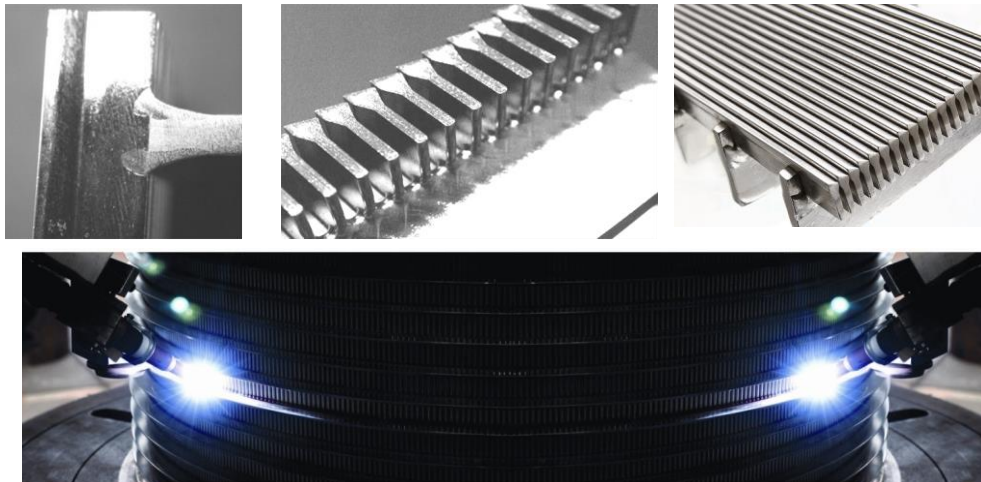


- Typical plate thickness: 6mm, 8mm
- Slot Tolerance: $\pm 0.02\text{mm}$
- Roundness: $\pm 0.5\text{ mm}$
- Stronger Construction
- 304 ss, 316L ss, 304/316 ss
- Finished with chrome plating

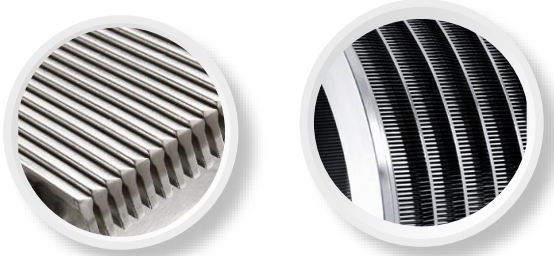
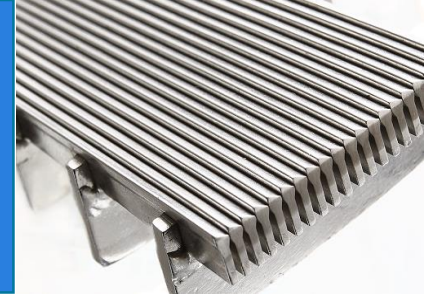


Precision notches cutting

The notches on the rings are cut by the precision laser cutting machine, and welded by the argon arc welding machine to ensure high strength ,long life time.



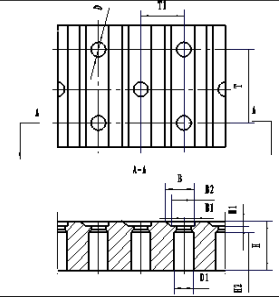
Cylinder material



- 304sst
- 316Lsst
- 316L bars+304 rings

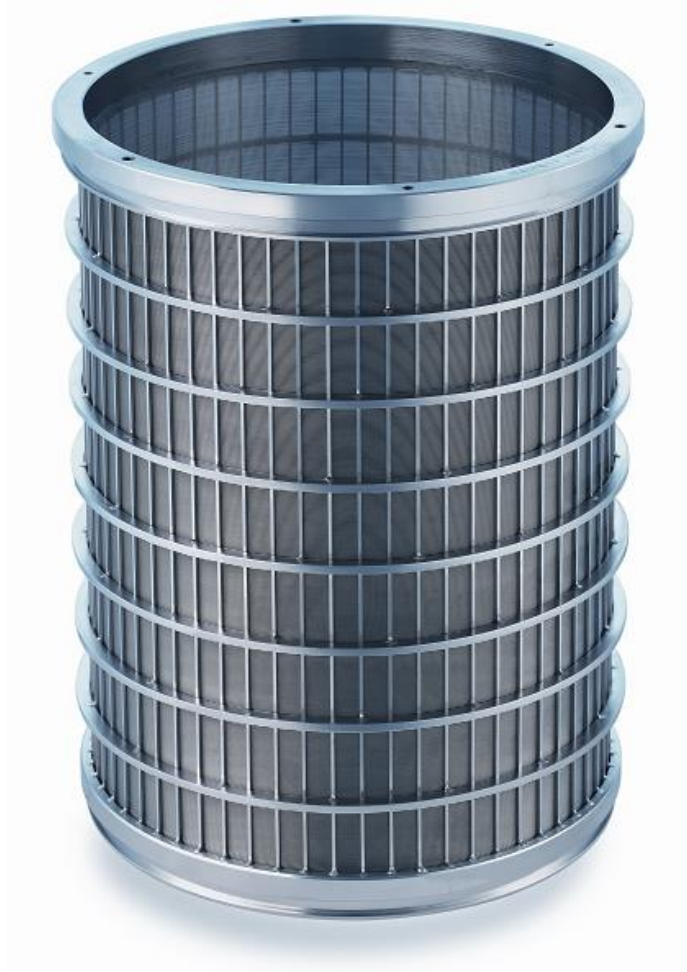
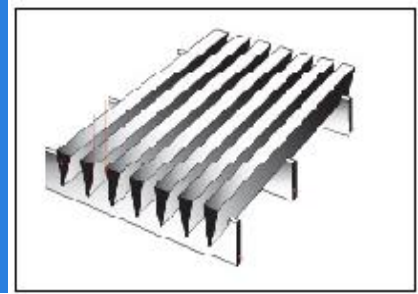
The material costs between 316sst and 304sst are much higher today and if 304sst is acceptable, you will be able to save on the cost of the cylinders purchased. 316sst has long been the standard material for screen cylinders, but 304sst has higher strength and wear characteristics than 316sst. 316sst has higher chemical resistant properties but in OCC mill application this may not be necessary.

Drilled Hole Screen Cylinders



- Inflow and outflow filtration
- Wood pulp applications
- Hole diameter $\geq \Phi 1.0\text{mm}$
- Plate thickness: 5mm、6mm、8mm
- Max. size flat: 1500mm x 6000mm
- With smooth surface or profiles

Coater Filter Screen Cylinders



- Typically used in chemical treatments added to paper machines
- Types (in common use):
 - Internal: Inside --> Outside Filtration (re-rolled)
 - External: Outside --> Inside Filtration
- Wide range of V-wires and support rods to suit customers needs
- Slot sizes from 0.038 mm
- Precision openings with tolerance: ± 0.03 mm ($\leq \Phi 300$ mm)
- Roundness: ± 1.0 mm
- Facilitates cleaning with an scraper
- 304 ss, 316L ss

EB Drilled Hole Cylinders



- **Applications:**
 - Shower water of stock preparation
 - Fiber recovery or shive removal
 - Black liquor filters
 - White water filters
 - Stickies reduction filters

- **About EB Perforation:**
 - Maximum holes per plate = 4 millions
 - Maximum cylinder length dep. On h.d. and OA%
 - Cylinder is drilled with single electron beam
 - Holes are conical
 - There are some limitations between hole diameter, open area and the basket size

- **Standard Spec:**
 - Hole diameter: Φ 0.15mm, Φ 0.2mm in thick 2mm, 3mm
 - Open Area: 8%-12%
 - Material: SUS 304, 316L, Duplex ss

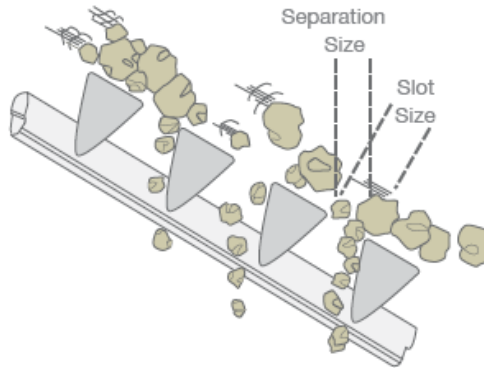
- **Features:**
 - International sophisticated electron-beam technology
 - Accurate perforations
 - ADSF can help customers to save $\geq 20\%$ costs by extending cylinder's service life with a special surface treatment process



Micron Screens



- Applications: dewatering, fiber removal, liquid/solid separation
- Better flow rate and finer fiber removal
- Low maintenance costs
- Little space needed
- Slot size down to 50um
- Slot Tolerance: 10um
- Average Slot Deviation: 4um
- 304 or 316L sst



Drilled hole screen plates



Application

Used in OCC hydra pulper machine

SUS 304, 316, 410 and 420

Material

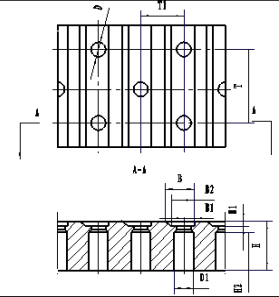
Finishing

Chrome coating or heat treatment

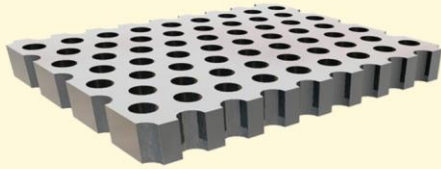
Customized services

Design

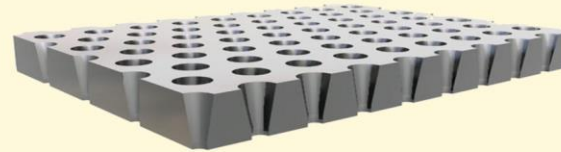
Hole Pattern



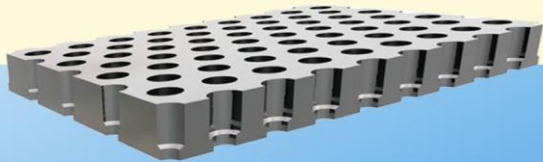
ADSF has many kinds of hole type:straight hole,conical hole,step hole,corrugated hole,we can choose different hole type according to different use conditions.



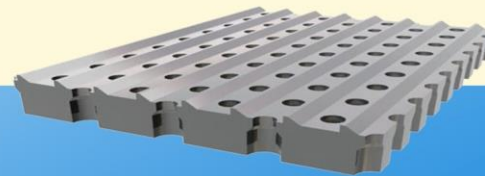
straight hole



conical hole



step hole



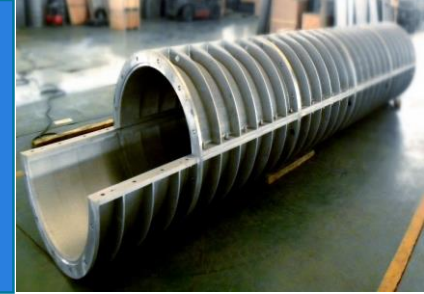
corrugated hole



- ID Φ 2400 mm x 3200 mm Height →
- Slot opening: 4-8 mm
- Profile wires with extreme hardness and high resistance
- Special designs in toolings to ensure a very small gap between the cylinder and the screw press equipment
- Roundness tolerance ≤ 0.8 mm
- Cylindricity deviation ≤ 1.5 mm
- Self-cleaning and Anti-clogging



Screw Press Screen Baskets

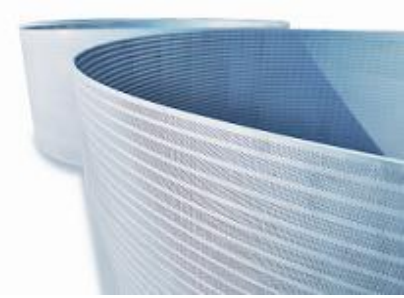


Screw-type:
Extrusion Dewatering Screen Basket
Heat Disperser Screen Basket

$\Phi 500\text{mm}$, $\Phi 630\text{mm}$, $\Phi 750\text{mm}$, $\Phi 850\text{mm}$
SCP750/SCP1000/SCP1400



Twin Roll Washer Hole Screen Plate

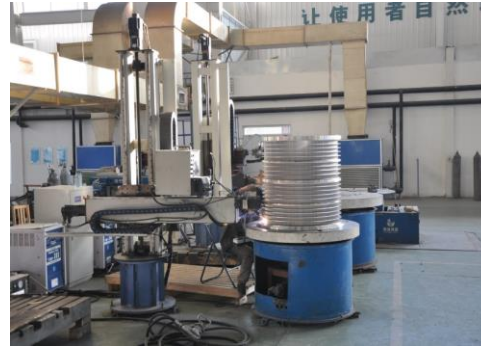


- Featured with patented Electric Sparking Technology
- Best solutions to the filtration of screw press and pulp washer equipments
- Unique technics for small holes in thick plates
- Typical hole Dia.: $\Phi 0.8 - \Phi 1.6$ mm
- Open area: $\leq 25\%$
- Plate thickness varying from 2 to 12 mm
- Conical holes with a natural developed degree – 3-5 °
- Uniform distribution, Accurate Perforation
- Lower resistance, Higher capacity
- Water-efficient & Cost-efficient
- Electro-polishing, No bur

Advanced Equipments & Machines



Laser Cutting



Welding Equipment



Digital Multiple Axis Drilling



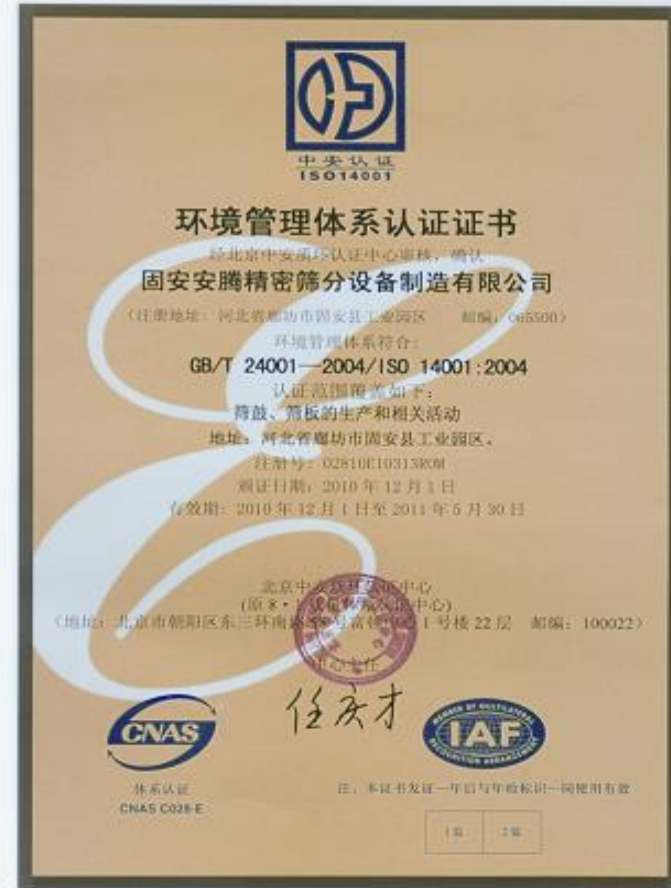
ADSF Patented Electrical Spark Drilling



NC Lathe Machine (Max.Dia 3m)



Automatic Digital Control Drilling



Quality Control System



Material Analysis Instrument



The Inspection Form



ADSF Z 10 产品入库质检单 The Inspection Form

产品编号 Tracking No.	ADSF061032M		缝宽(孔径) Slot width(Hole diameter)	0.14 ± 0.02mm		编号 Serial No.	0609-01			
产品名称 Product name	SPM1500内流条筛		数量 QTY.	1台		日期 Date	2006.9.12			
内容 Content	上法兰 Top Flange		下法兰 Bottom Flange		中 环 Mid Ring					
	技术要求 Acceptance Criteria	检验结果 Inspection Result	技术要求 Acceptance Criteria	检验结果 Inspection Result	项目 Item	技术要求 Acceptance Criteria	检验结果 Inspection Result			
项目 Item								1	2	3
内径 ID	φ 1320.8	0.3	φ 1440	0.7	外径 OD	φ1530	-0.8	-0.41	-0.35	-0.59
外径 OD	φ 1530	-0.8	φ 1530	-0.9			5	6	7	8
配合 Mounting Dimension	φ 1442.8	0.6								
高度 Height	1500	-0.3			行为公差 Tolerance		检验结果 Inspection Result			
角度 Angle					平行度 Parallel	0.15	0.10mm			
装配孔 Mounting Holes	4-5/8"-11UNC				垂直度 vertical	0.3	0.30mm			
直径 Diameter	φ 1370 ± 0.5	0.5/-0.5			同轴度 Same axis	0.3	0.30mm			
弦长 Arc Length	968.7 ± 0.5	0.5/-0.4			圆柱度 Column	2	1.8mm			
缝宽 Slot Width (孔径) (Hole diameter)	33% 0.12 ~ 0.14mm. 67% 0.14 ~ 0.16mm.									
外观质量 Facies Quality	合格				标记复核 Mark Checking	正确				
镀层厚度 Chrome Thickness	0.25mm				镀层硬度 Chrome Hardness	1000 (HV)				
结论 Conclusion	合格						检验员 Inspector	焦雷		



In China:

40% pulp and paper mills are our clients

A reference of our main and long-term collaboration customers:

- APP HAINAN JINHAI PULP Co., Ltd.
- Zhejiang Jingxing
- Shandong HuaTai
- Guang zhou wanlida paper
- Zhuhai Hongta RenHeng paper

Etc.

Other Markets



- Sugar and Starch Industries
- Water and Wastewater Treatment
- Chemical Fiber Industry
- Food & Beverage Industry
- Mining Industry



International:

➤ EU and Americas:

- OEM agreement with Leading Corporations in Pulp and Paper Industry
- Sales Territories: USA, Sweden, France ,Finland ,Canada, Brazil, Argentina, Chile, Russia, Turkey, etc.

➤ Southeast Asia:

- Indonesia: APP Group, PT Fajar Paper, PT. Pakerin, PT Asia Paper
- Thailand: Double A, EPPCO (Environment P& P) , SCG Group. Phoenix
- Malaysia: Nibong Tebal Paper Mill ,Muda Paper
- Vietnam: more than 10 customers
- Philippines: Fedco Paper
- India: more than 30 customers
- the Middle East: Pakistan, Egypt, Dubai ,UAE ,etc.

➤ South Africa: SAPPI Paper

➤ Asia-Pacific: Australia, Japan

Contact Us



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