

PARASON SCREEN BASKET

A Key component in the Pulp & Paper technology process

Latest in Screening Technology...



PARASON

PROFILE WEDGE BAR BASKET (SLOTTED)

Profile wedge bar basket is a special technology with patented bar design with exclusive tools.

This is most modern and advanced technology which promotes excellent screening.

SCREEN BASKET: A KEY COMPONENT IN THE PULP AND PAPER PROCESS.

Where the end product characteristics such as brightness, opacity, strength and printability are determined. Hence cleanliness of pulp is essential in terms of stickies, shives and dirt speck contents.

As a manufacturer of stock preparation screening equipment. Parason has developed the advanced technology. **“Profile wedge bar basket”**

Parason screen baskets are available for fine and coarse screening to meet the challenge of quality product.

FEATURES

- Large open screening area
- Highest slot width accuracy
- No fiber hang ups
- Low pressure drop
- Excellent surface quality, free of burs.

TECHNICAL SPECIFICATIONS

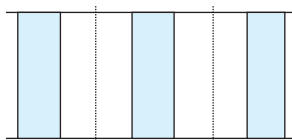
- Available in slot and hole for all models / makes of screen
- Slot width range from 0.10 mm
- Screen basket dia-upto 1500 mm
- Inlet changeability of the screen basket.

APPLICATION

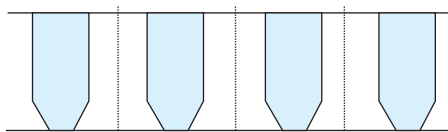
- In stock preparation and Approach flow system.
- For Low and medium consistency screening.
- For virgin and secondary fibers.

PARASON SCREEN BASKETS AND PLATES WITH HOLES.

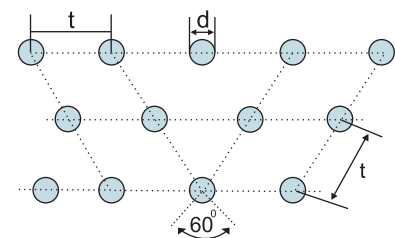
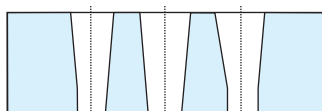
Cylindrically drilled.



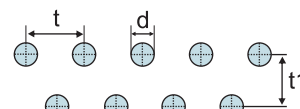
Cylindrically drilled. Countersunk rear.



Step conically drilled

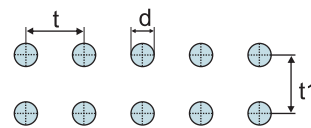


$$\text{Open Area (\%)} = \frac{d^2 \times 90.7}{t^2}$$



$$\text{Open Area (\%)} = \frac{d^2 \times 78.5}{t \times t1}$$

$$t1 = 0.866 \times t$$



$$\text{Open Area (\%)} = \frac{d^2 \times 78.5}{t \times t1}$$

KEY BENEFITS

- Better cleanliness
- Increased capacity
- Better runnability
- Quality product

Ready references chart showing open area (%) considering 60° equilateral triangle drill pattern.

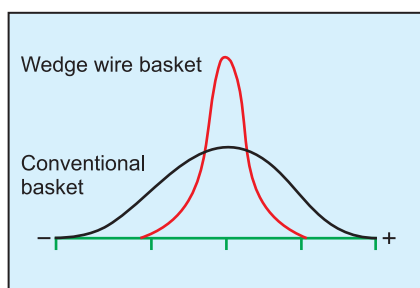
		Pitch (m.m)																									
		1.5	1.6	1.71	1.85	2	2.18	2.4	2.66	3	3.43	4	4.8	6	8	9.6	12	16									
Hole Size (m.m)	1.4					44.4	37.4	30.8	25.1	19.7	15.1	11.1	7.7	4.9													
	1.5						42.9	35.4	28.8	22.7	17.3	12.7	8.9	5.7	3.2												
	1.6							48.8	40.3	32.8	25.8	19.7	14.5	10.1	6.4	3.6											
	1.7								45.5	37	29.1	22.3	16.4	11.4	7.3	4.1											
	1.8									51	41.5	32.6	25	18.4	12.7	8.2	4.6	3.2									
	1.9										46.3	36.4	27.8	20.5	14.2	9.1	5.1	3.6									
	2											51.3	40.3	30.8	22.7	15.7	10.1	5.7	3.9								
	2.1												44.4	34	25	17.3	11.1	6.2	4.3								
	2.2													48.8	37.3	27.4	19	12.2	6.9	4.8	3						
	2.3														53.3	40.8	30	20.8	13.3	7.5	5.2	3.3					
	2.4															44.4	32.6	22.7	14.5	8.2	5.7	3.6					
	2.5																48.2	35.4	24.4	15.7	8.9	6.1	3.9				
	2.6																	52.1	38.3	26.6	17	9.6	6.6	4.3			
	2.7																		56.2	41.3	28.7	18.4	10.3	7.2	4.6		
	2.8																			44.4	30.8	19.7	11.1	7.7	4.9		
	2.9																				47.6	33.1	21.2	11.9	8.3	5.3	
3																					51	35.4	22.7	12.7	8.9	5.7	3.2



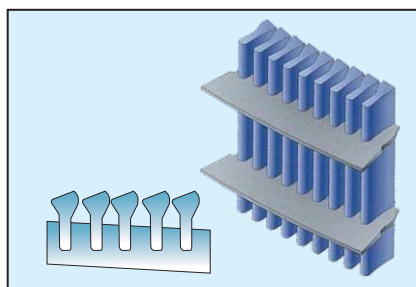
PARASON PROFILE WEDGE BAR (SLOTTED)

towards perfection

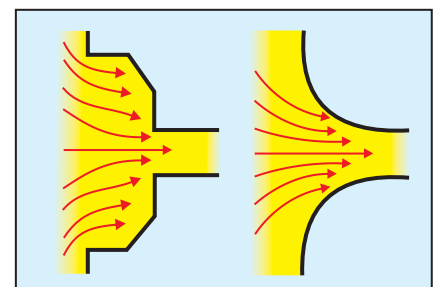
Computer controlled manufacturing process ensures high profile accuracy.



The special profile ensures smooth and burr free basket.



Flow in profile edge creates more turbulence, improving throughput and cleaning efficiency.



To serve you better are prompt response, the following informations required from you...

◆ Screen model _____ type _____ make _____	◆ Present basket _____ Performance _____ Slot _____ Pitch _____	Screen Location: _____ Stock preparation <input type="text"/> Approach flow before head box <input type="text"/> Primary <input type="text"/> Secondary <input type="text"/> Inlet Consistency _____
◆ Basket size Ø _____ h - sketch _____	◆ Type of pulp _____	
◆ Rotor type _____ speed rpm _____	◆ End Product _____	
◆ Accept quantity LPM <input type="text"/> TPD <input type="text"/>	_____	_____

We will calculate the suitable hole / slot size to meet your process requirements

Parason... available worldwide



*Due to constant research and development specification are subject to change.



PARASON MACHINERY (I) PVT. LTD.

PARASONS HOUSE, 28, VENKATESH NAGAR, OPP. JALNA ROAD, AURANGABAD-431 001. (INDIA)
 TEL. : +91 (0) 240 - 2339234/35/36/37, FAX:+91 (0) 240 - 2332944
 CUSTOMER SERVICE NO. : +91 (0) 240 - 66 44 444, 6644200
 Web : www.parasonmachinery.com E-mail : info@parasonglobal.com
 Web : www.parasonglobal.com E-mail : parason@parasonglobal.com

Parason... Leader in stock preparation