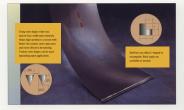




PRECISE PERFORMANCE IN FINE SLOT SCREENING.



JOHNSON 120" SEVE BENDS SET NEW

PERFORMANCE STANDARDS

Conventional methods of dewarring fine-purield sharris have averal serious fine-purield sharris have averal serious mainly, field ratio tend to be very slow and abacoiso or mechanical damage quickly shortens screen file. We have solved all these problems with our 120° sidev bank. Check the many preformance advantages that make these the world's' most effective, correlficient screens.

- Bester dewatering. We use extremely narrow wirrs – as small as 500 micross – which increases the namber of edges over which the slumy passes. The wires can also be topped to any degree specified to increase dewatering action.
- Longer useful life. We use 3161, stainless street for its high resistance to corrosion and abrasien. In some cases, screen life can be extended by

reversing it when the wire edges begin to show wear.

- Higher capacity, Using nameser wiren increases the number of slots on the scores creating high rotal open area, even with very fine individual slots. This, combined with intrinsically superior dewatering action, allows higher area operation. For example, one of our accesses 359 mm wide with a 50 micross slot can typically dewater 40m² ter box.
- Design flucibility: Our 120 view lends are available in standard configurations but coatom designs are also available including optional dot vines, screan widtha, wire shapes, support angles and eard but profiles. These options make it possible to accorrenodate a wide range of slarey compositions and opterating conditions.

SIEVE BENDS



JOHNSON SCREENS TAKES PRECISION TO NEW LEVELS.



Sirve Bend Function

Johason Siver Bends are extremely effective for solids separations and/or devoatering, and are used extensively in a multitude of industries. The unique design Voc-Wired allows static, non clogging operation since only particles about half the aperture width pass through the screen, which in most applications prevents blinding by moterial near to arethure size.

Available Sizes and Material

Advance Sizve Bend assemblies are manufactured as standard units with an angle of 45° and a radius of 1018mm or 2032mm. Other screens of varying angles can be produced on request.

Slot sizes range from 25 fine micron, to coarse screening at 10mm.

Screen material is constructed of 304/316 stainless steel with end bars of carbon steel or stainless steel. Other materials are available on request.



QUALITY CONTROL TURNS POTENTIAL



The mass that size (2) corresponds to the pack of the correr. We can achieve macarred mass size within ± 4 micrown of the shite size particular. The standard distinction(0) massares shit antiformity. (9] all shite, 68% will be within ± 0 and 95% within = 2 m.

Not only have we designed the world's most efficient screen, we also manufacture it under industry's most stringent quality control standards, a practice that has let us achieve ISO 5001 certification.

Start sizes, for example, are held to z 4 micross – the industry's characnotences. This means when you specify one of the accepted industry job using of 300, 75, 100 or 100 microsm, an ansethan 1516 of the dots will be larger than the semain later. To imare compliance, we use suphisticated large quick on isopec every scenes surface. We have supply a certified statistical analysis summary for that scene, paring the arealed destines. Unlike some manufacturers, we do not routinely polish the screens since this can blant the wire edges, partially plog the sites with fibres from the polishing wheel and create an uneven screen surface because of the variable redishing resurres.

We're confiferer that owe designs and fabricating practices are the world's best hot you are the ultimate judge. That's why we attach a cantomer feelbluck form to every delivery. With your inpur, we'll continue our nearly 100-your tradicion of developing the best possible technologies for liquid-solid separation, iting, dewarring and other screening sectionisms.

SPECIFICATIONS

	STANDARD	AVAILABLE ON REQUEST
Width (mm)	585 ⁺⁰	1800 MAX
Radius (mm)	760	-
Arc Length (mm)	1592-3	-
Wire Profile #	30	20, 47, 63
Nominal Slot (Microns)	50, 75, 100	Any Size >40
Slot Control (Microns)	±4	-
Slot Standard Deviation (Microns)	7	-
Wire Tilt (Deg)	Yes	Zero
Back Fixing Angles	No	Yes
End Bars	L Type	Rectangular Section
Surface Polish	No	Available, But not recommended

RUN DOWN SCREENS



Run down screens provide an efficient method of separation of selids from process liquor or effluent and allow both recovery of solids and re-cycling of screened water.

Available in stainless steel construction with removable stainless steel curved wedge wire scoren. Actual disensions are chosen to sith the hydraulic and solida removal requirements of the proposed institulistica, Agenture size varies from 0.125 mm up to 4 mm depending upon application. Larger apertares are available on ensuest.







TYPICAL APPLICATIONS

Can be used as primary or secondary screening elements in the following applications:

Ford Processing

Vegetable cattring and packing, fish processing, chicken processing, protein recovery and leather dewatering, creameries.

General Industrial

Tanneries, abattoirs, piggeries, textile plants, paper industry, chemical industry, mineral processing, intensive farming, carpet production and laundries.

Effluent Treatment

Primary screening of domestic sewage, screening of stomwater overflows, dewatering of sludges and sharins, post screening following B.O.D. reduction towers, dewatering of industrial wastes, intensive farming.