

Innovative Ag Products

GFS

Gravity Flow Screeners

Models:

- 5,000 BPH
- 10,000 BPH
- 15,000 BPH
- 25,000 BPH
- 50,000 BPH
- 80,000 BPH (NEW)

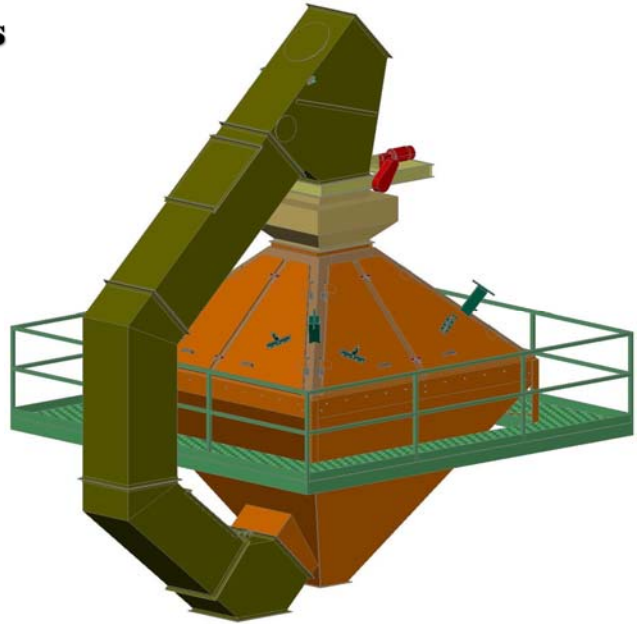
Key Features

- Quick change screens
- Adjustable flow conditioning inlet
- Easy access panels
- Hardened steel screens sized for multiple grain varieties
- Proportional external bypass
- Generous si/bu ratio
- Positive door latch system

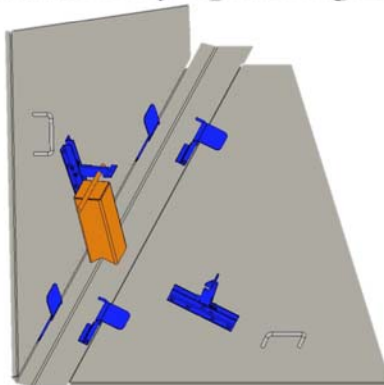
Options

- Custom spouting configuration
- Custom paint colors and specs
- Custom screen configurations/sizes
- Custom lining options
- Standard and custom service platforms

The designers at IAP have brought to market 35+ years of experience installing, and designing gravity flow fines screeners. Take a close look and you will see IAP has one of the most efficient user friendly and largest screeners on the market. Thanks to our in-house engineering team, the 80,000 BPH screener opens doors for many different grain facilities to economically clean grain at high capacity. This gives the ability to maximize the speed in which new or current systems handle and processes the best quality grain possible. We not only put a lot of emphasis on ample screen surface (si/bu ratio's), we also use a number of flow conditioning techniques that allow for even distribution of grain over the screens effectively utilizing screen surface area and minimizing screen blinding. One key feature is the proportional external bypass that eliminates leaks causing the screenings bin to fill with whole grain. Our proportional bypass is designed so that all or just part of the grain stream can be screened and/or bypassed, allowing the operator to take out the right amount of fines to make grade.



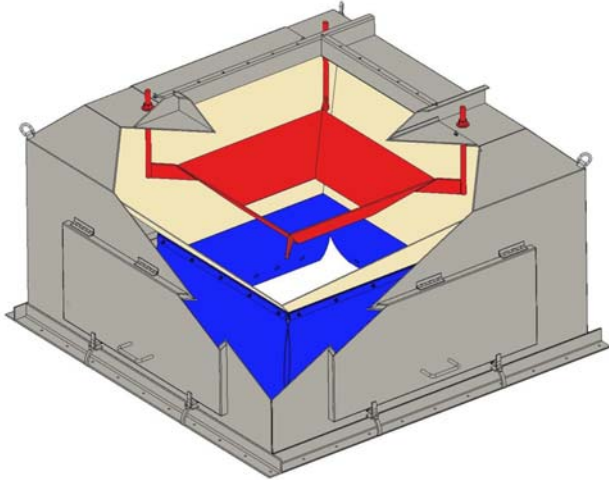
Robust Easy Operating Doors



Screeners doors (8) have form down lips 4 sides for a positive seal. "SELF LATCHING" brackets hold doors in the open position for safety & convenience.

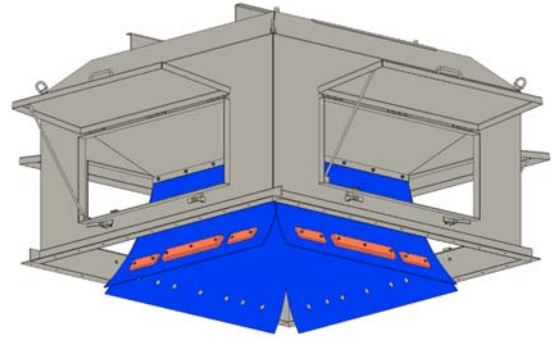


Directional Flow Retarder



It is almost impossible to design up-line spouting to provide equal grain flow to all 4 sides of the screener. This adjustable basket directs incoming grain for even distribution to the screener, it also acts as a flow retarder to slow the grain down as it enters the screener.

Flow Conditioning Inlet



Urethane drapes slow the grain down to provide a consistent even flow of grain over the screening surface. Weights can be added to direct flow evenly over screens as well as equally to all 4 sides of the screener.

Sliding Baffles



Sliding baffles direct flow to different areas of screen as well as fine tuning grain flow equally to all 4 sides of the screener.

Rotating Diverters



Our 80K screener also features 8 diverters that rotate & slide up/down for desired clearance to screens. These diverters spread grain to fully utilize those "Hard to Reach" corners of the screens.

This picture also shows the handy service step which can be set on any of the grab handles to provide access to the upper portion of the screener. It should be noted that personnel should be tied off when using this step.



*Value
Through Innovation*

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