

POULTRY OFFAL SCREENING

Reduce Water Usage & Minimize Maintenance Costs



IFO Internally Fed Rotary Drum Screen

IFU Internally Fed Rotary Drum Screen

By Installing JWC's IPEC High-Efficiency Wastewater Screens

If your current screens are...

- Using too much water to keep clean
- Blinding too frequently
- Not removing enough liquids
- Costing too much to maintain

...they need modernizing!



JWC's IPEC IFO, IFU and IFS internally fed rotary drum screens can fix these issues. Our screens have a flexible design, so we can fit your new screens into your existing infrastructure, saving you time and money!

Our internally fed rotary drum screens have been installed in numerous poultry processing facilities throughout the U.S., and have been keeping water usage rates low for over 30 years!

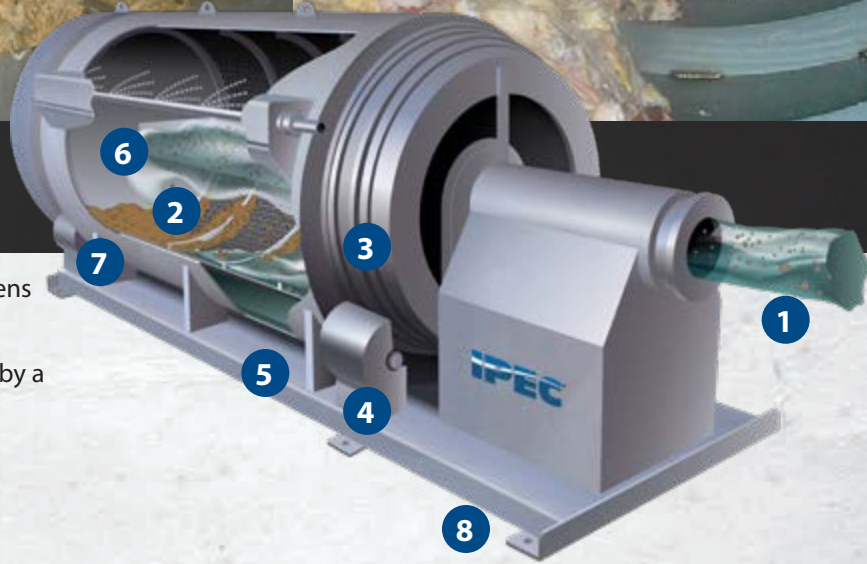




REDUCE WATER USAGE & SCREENING MAINTENANCE COSTS

The IFO, IFU and IFS series of internally fed rotary drum screens have cylindrical drums mounted horizontally on four shaft-mounted wheels. The drum rotates at 4-5 rpm and is driven by a TEFC motor, geardrive, chain and sprocket.

IFO wastewater screens are great for primary screening, effectively removing process water from offal (meat and feathers). IFU and IFS screens excel at secondary screening where flow rates are higher and solids loading is lower. The IFS can function as a primary and secondary screen. The design of these screens and their slow speed operation reduce water usage, increase solids discharge dryness and minimize blinding.



- 1 Influent enters screen
- 2 Flow dispersed into drum from headbox
- 3 Screen drum rotates with chain drive
- 4 Screen drum rotates on trunnion wheels
- 5 Effluent drains through screen and out bottom
- 6 Fixed external spray bar cleans screen
- 7 Solids exit screen end by way of continuous flights
- 8 Fabricated stainless steel base frame

Benefits & Features

Lowest water usage:

- Wedgewire drum designed specifically for poultry waste stays cleaner and only requires intermittent spray wash
- Only 40-50 psi (2.76-3.48 bar) spray wash pressure required-means lower water use than any competitive screen

Minimize investment with maximized throughput:

- Specially designed headbox provides fast liquid removal, maximizing throughput
- Higher throughput allows our smaller screen to do the same job as a larger competitor screen

Lowest possible operating cost:

- Built rugged for reliable performance and minimum maintenance in tough poultry applications
- Less moving parts with fixed spray wash bar means one less thing to worry about



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