MECHANICALLY CLEANED BAR SCREENS FINE SCREENING

The Advantage of FlexRake[®] Technology for Fine Screen Applications



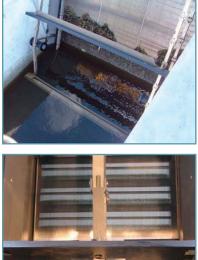
FlexRake[®] FS Fine Screen

Simple front cleaning, front return Duperon® FlexRake® technology. Utilizes stainless steel, wedgewire screen with .020 inch to .125 inch openings.

- Screen is Continuously Cleaned by UHMW Scrapers
- Ideal for Applications with Algae or Similar Screening Byproducts
- FlexLink[™] Technology Eliminates Submerged Sprockets, Bearings, and Tracks
- No Scheduled Maintenance or Lubrication
- Available in Single or Double Strand Configurations (Dependent on Site Requirements)



The FlexRake[®] FS





The Duperon[®] FlexRake[®] FS in a single strand application.



FlexRake FS[®] in an open channel application.

TYPICAL APPLICATIONS

Open channels, water intakes, fish screens, beautification, reservoir protection, and food wastes applications.

UNIT WIDTH

- 2 feet to 10 feet
- Single Strand FlexRake® configuration available for channel widths of 18 inches to 24 inches

UNIT LENGTH

10 feet to 50 feet

ANGLE OF INSTALLATION

- Optimum: 30 degrees from vertical
- Range from 15 degrees to 45 degrees, dependent upon site conditions

STANDARD MATERIALS OF CONSTRUCTION

- Standard: 304 Stainless Steel
- Available in: 316 Stainless Steel

OPENINGS

.020 inch to .125 inch wedgewire

STANDARD SCRAPER SPACING

Every 4th link (42 inches)

SCRAPER CONFIGURATION

- UHMW with beveled edges, standard
- Squeegees and/or brushes, optional

TYPICAL MOTOR

1/2 HP, 1 PH/3 PH

STANDARD OPERATING SPEED

- 0.5 RPM
- · Can be increased to 2 RPM in high flow conditions
- 1 discharge/minute on low, 4 discharge/minute on high
- Scrapers move 28 inches/minute

SHIPPING DATA

Ships fully assembled or can be provided in modular form

STANDARD CONTROLS OPTIONS

Packages range from simple start/stop to sophisticated automation. Motor overload protection provided. Contact Duperon Corporation for further details and assistance in selecting the perfect package for your site.

OPERATION OPTIONS

- Continuous/Manual
- Automatic with timer, float, SCADA, differential/high level sensing options with I/O as needed.

Duperon[®] ADAPTIVE TECHNOLOGY[®] Let's Build a System that Works for You[®]

1200 Leon Scott Court | Saginaw, MI 48601 | P 989.754.8800 | F 989.754.2175 | TF 800.383.8479 | www.duperon.com Duperon® is a registered trademark of Duperon Corporation. Adaptive Technology[™] is a trademark of Duperon Corporation. Let's Build a System that Works for You[™] is a service mark of Duperon Corporation. © Copyright 2016, Duperon Corporatio