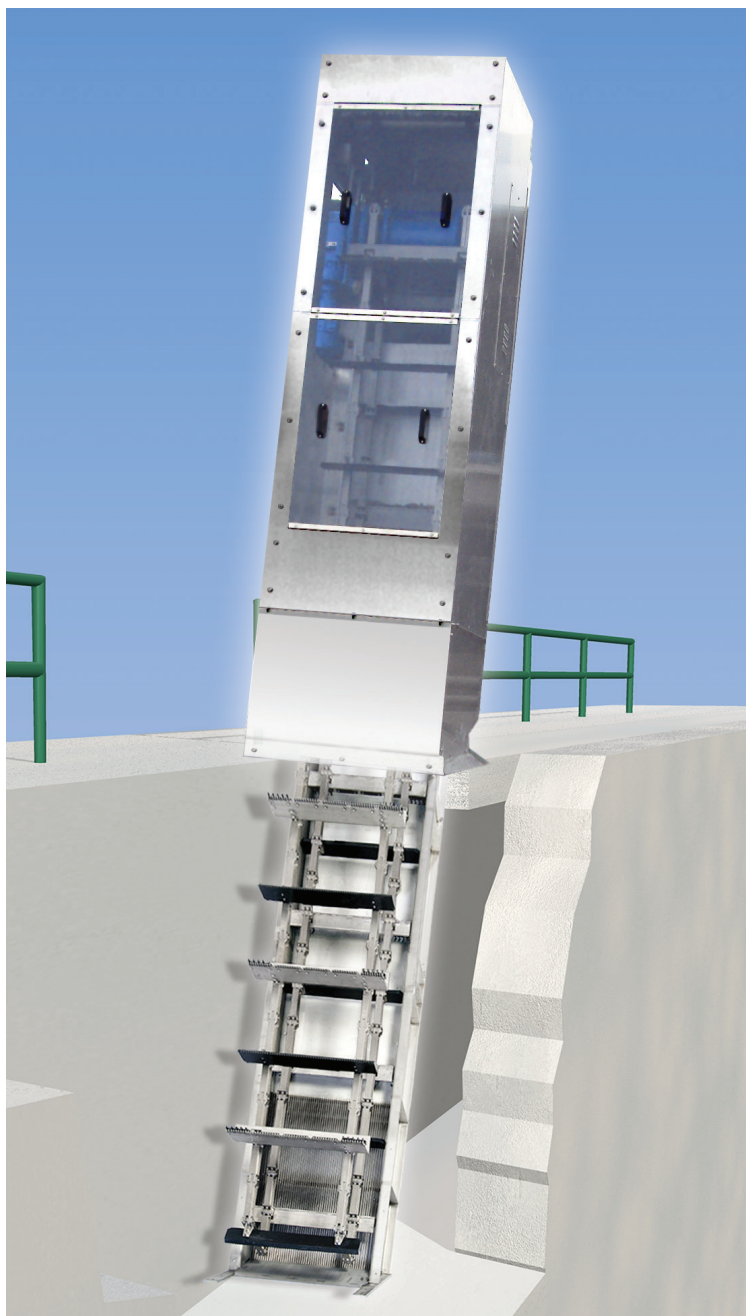


Full-Range Flexibility and Maximum Capture with Thru-Bar™ Cleaning; Adapts Automatically to Wide Variations in Debris



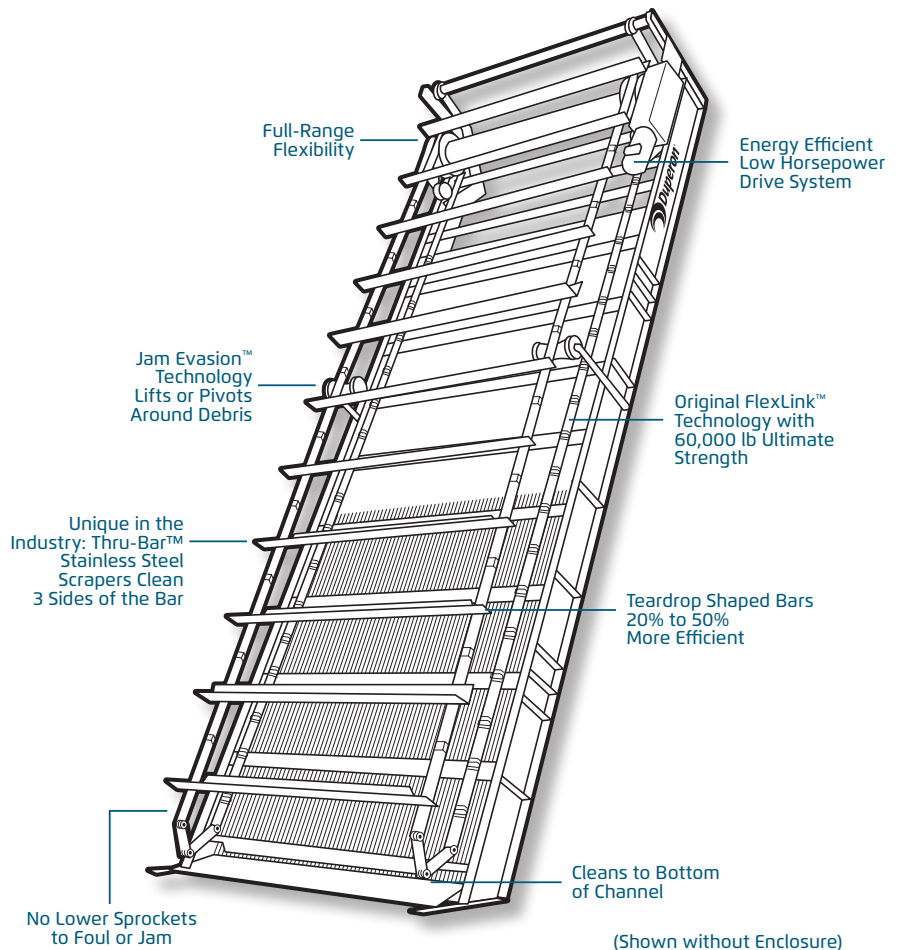
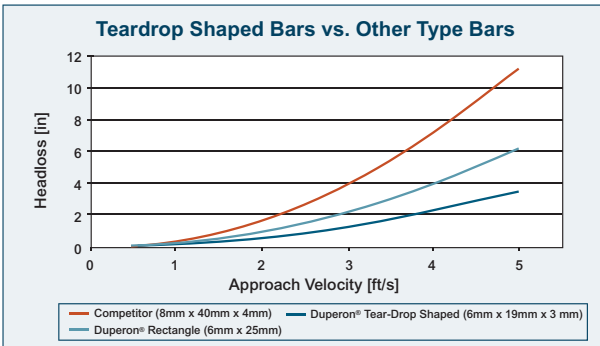
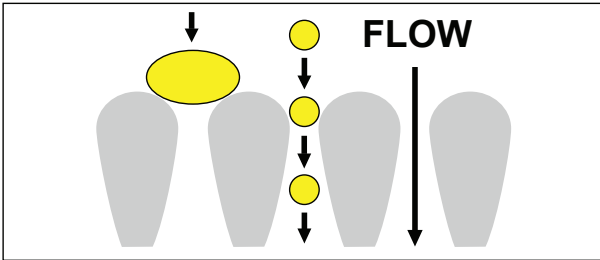
FlexRake® FPFS Thru-Bar™ Cleaning Fine Screen

Simple front-cleaning, front-return Duperon® FlexRake® technology. Utilizes stainless steel teardrop shaped bars with 1/4 inch, 3/8 inch or 1/2 inch openings.

- No Lower Sprockets, Bearings or Tracks to Foul or Jam
- Adapts to Debris Variations; Full-Range Flexibility
- High Capture Thru-Bar™ Stainless Steel Scrapers
- Low Horsepower, Energy Efficient Drive System
- Teardrop Shaped Bars Most Efficient in the Market
- Five-Year Warranty for Wastewater Applications

The Duperon® FlexRake® FPFS

TEARDROP SHAPED BARS ARE THE MOST EFFICIENT BARS IN THE INDUSTRY



TYPICAL APPLICATIONS

Wastewater, combined sewer overflows and prison applications. Also used in pulp/paper mills, raw water intakes and other applications where debris is highly variable or difficult to capture.

UNIT WIDTH

- 2 feet to 12 feet
- Single Strand FlexRake® configuration available for channel widths of 18 inches to 24 inches

UNIT LENGTH

10 feet to 100 feet

ANGLE OF INSTALLATION

Vertical to 45 degrees

STANDARD MATERIALS OF CONSTRUCTION

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

BAR OPENING

1/4 inch, 3/8 inch and 1/2 inch

STANDARD SCRAPER SPACING

Every 2nd link (21 inches)

SCRAPER CONFIGURATION

- 3:1 UHMW-PE staging scraper/stainless steel Thru-Bar™ teeth ratio

TYPICAL MOTOR

1/2 HP, 1 PH/3 PH explosion-proof inverter-duty motor

STANDARD OPERATING SPEED

- 0.5 RPM
- Can be increased to 2.2 RPM in high flow conditions
- 1 discharge/minute on low; 4 discharges/minute on high
- Scrapers move 28 inches/minute

SHIPPING DATA

Ships fully assembled or can be provided in modular form.

STANDARD CONTROLS OPTIONS

Base packages range from simple start/stop to sophisticated automation. Motor overload protection provided. Contact Duperon® 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



ADAPTIVE TECHNOLOGY™

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