



Tiger Shark Multi-Rake Screen

High Lift, Low Maintenance Coarse Screen

- No submerged sprockets, bearings or bushings
- Unloading does not require spray wash or brushes
- Auto-reverse and jam protection
- Directly retrofits into existing channels and can pivot for bypass
- All T304 or T316 stainless steel fabrication



About the Tiger Shark Multi-Rake Screen


The Tiger Shark is differentiated by its dark stripes, or bars, down its body and is noted for having one of the widest food spectrums of all sharks. This is a very fitting representative for our Multi-Rake Screen. With its iconic heavy duty stainless steel bar rakes, the Tiger Shark Multi-Rake Screen efficiently captures a wide variety of solids.

The Tiger Shark screen's practical design combines reliability with efficient operation. Designed for large particle removal, the Tiger Shark's rakes continuously clean the bar rack with grid openings from 5-300mm. Low friction UHMWPE guide links reduce wear and operational costs.



To learn more visit: www.hydro-dyne.com
sales@hydro-dyne.com | +1 (813) 818-0777

Coarse Screens | Fine Screens | Screenings Handling | Grit Removal Equipment

Designed and manufactured in U.S.A. 
4750 118th Avenue North Clearwater, FL 33762

HYDRO-DYNE
ENGINEERING
Designed to Protect. Built to Perform.™

Easy installation
and maintenance
with all mounting
and access
above channel

Uninterrupted seal
between rake chain
and frame held to
<0.5mm tolerance
eliminating ragging

Proprietary low
friction UHMWPE
guide links reduce
maintenance and
operations costs

Bar rack
elements are
individually
replaceable
in channel

Screenings
unloading via
scraper bar

Replaceable teeth
(or combs) on rakes

Heavy-duty
dead plate for
high screenings
lift and long life

Multiple rakes
continuously clean
bar rack and allow
for increased flow
and lower headloss

No submerged
sprockets, bearings
or bushings

At-a-glance

grid opening range

5-300mm

flow capacity

1mgd (44 L/s) to 150+mgd (6,570 L/s)

grid types

Bar rack

unloading

Replaceable scraper bar

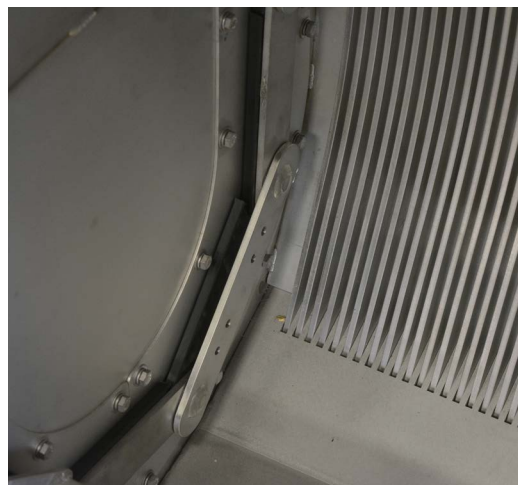
Patented Drive Features

- Grid does not contact drive or unloading mechanism
- Direct drive uses no chains or sprockets
- Fully supports belt for negligible wear
- Fractional hp requirements



Optional Equipment

- Specialty stainless steel construction
- Cold weather/freeze protection
- Multiple screenings discharge and handling options
- Basic to sophisticated automation controls
- Sectional construction for restricted area assembly
- 60° and 90° angle options
- Electric, hydraulic or explosion-proof drives



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