

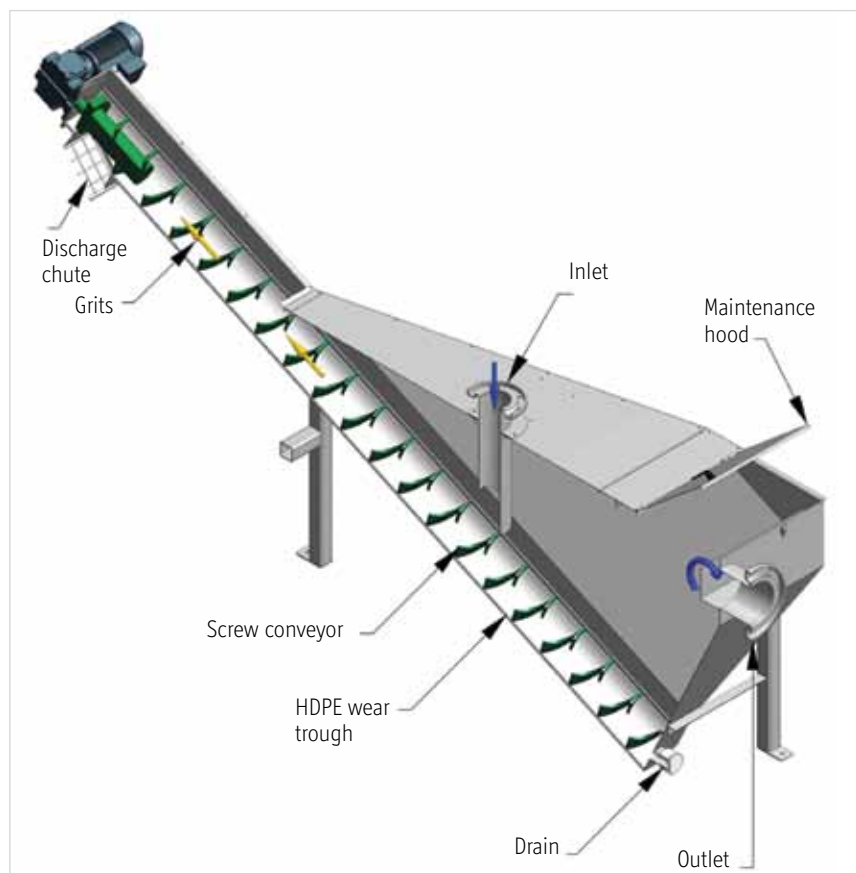


Aqualitec
Screening Equipment

GRITTEC
GRIT CLASSIFIER

Grittec:
The Grit Classifier with a Huge Flow Capacity,
up to 550gpm.

By Aqualitec.



Operating Mode:

The grit removal system operates by decantation to remove grits, sands and rocks. Influent water flows slowly into the inlet hopper to allow grits to settle at the bottom of the tank. Then, the captured grits are conveyed upward by the shaft less spiral. Effluent water evacuates through the top of the hopper to allow complete grits removal. Spray bar and cyclone system can be provided as option.

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Features & Benefits

Wide and deep tank

Performances

Flow capacity: up to 550gpm

Suspended materials capture > 95% of particles > 200µm

Organic materials < 30% of suspended materials

Sand dryness > 80%

Design

Grittec is customized based on specifications and/or structural constraints. Below are some guidelines of the design requirements.

MATERIALS

304 or 316 stainless steel

Surface treatment: Scouring, Passivation

T.I.G. welding techniques

MOTOR CHARACTERISTICS

Absorbed power: ½hp (0.37 KW)

Voltage: 240 or 480 VAC

Frequency: 60 Hz



Thanks to its oversized dimensions, Grittec can deal with a large flow of up to 550gpm



Grits, sands and rocks removed

