

HELICO®

SCREENINGS WASHER
& COMPACTOR



WASTEWATER

RELIABLE SCREENINGS REMOVAL FOR OPTIMUM WASTEWATER TREATMENT PLANT PERFORMANCE

⊕ EFFICIENCY

Screenings are more easily transported to the landfill or incinerated

⊕ COST SAVINGS

Reduce maintenance and handling costs related to screenings

suez
environnement

Degrémont

HELICO® — THE NATURAL COMPLEMENT TO THE CLIMBER® SCREEN AND ALL MECHANICALLY CLEANED BAR SCREENS.

HELICO®

WASTEWATER



Solid-shaft auger

Patterned counter-sunk drain holes

KEY FIGURE:

SCREENINGS VOLUME REDUCTION UP TO

70-75%

DESCRIPTION

Multiple sizes of models available to suit the need of any application.

MODEL 200

8" Diameter Auger (nominal)

Auger helical flight thickness: 1/2"

Screenings Capacity:

- Nominal Minimum: 25-33 cubic ft/hr
- Nominal Max: 100 cubic ft/hr

MODEL 300

12" Diameter Auger (nominal)

Auger helical flight thickness: 5/8"

Screenings Capacity:

- Nominal Minimum: 50-75 cubic ft/hr
- Nominal Max: 150 cubic ft/hr

Dual Hopper units available for both Models 200 & 300.

Dual Hopper units are the optimal solution for plants with multiple screen units in close proximity to one another, utilizing a single efficient 2 hp motor, press-tube, auger and discharge location for multiple hopper inlets.

Screenings Wash Header attachments are available for aiding in the removal of biological matter from debris and odor reduction of dewatered screenings.

ADVANTAGES

- + Finished moisture content of less than 55%
- + 65-85% weight reduction of screenings
- + Volume reduction of 70-75%
- + Rate of feed can vary without effect on operation or performance
- + Robust and durable construction
- + Single & Dual Hopper Configurations
- + Automatic startup tied to Bar Screen functions with option for skip cycle counter operation.
- + Specially patterned counter-sunk drain hole configuration reduces clogging and congestion without the need of a brush or wiper attachment
- + Solid Shaft of hardened steel and thick auger flights provides robust and long-lasting operation
- + Available with either Victaulic or Flanged Schedule 40 piping connections

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