

B1 - Channel Mounted Coarse Screening

ACE Bar Screen - 6-10mm bar spacings

Automatic removal of solids from flow above bar spacing size (6-10mm) in one dimension.

PROCESS INPUT:

Process effluent containing solids.

PROCESS OUTPUT:

Process effluent with solids < bar spacing (6-10mm) in one dimension.

BY-PRODUCT PRODUCED:

Process solids are macerated, using process effluent, suitable for transfer to a dewaterer at flow rate of 3 - 4 l/s.

SERVICES REQUIRED:

N/A.

CAPACITY RANGE:

2 - 100 l/s.

TYPICAL ELECTRIC MOTOR DRIVE SIZES:

1x 0.37kW & 1x 3.0kW.

Designed for installation in concrete channels.

Solids are captured on a series of bars spaced equally across the unit. A semi rotary arm with teeth engages with the bars and rakes the solids into a hopper on the back of the unit.

A macerating pump, mounted on the hopper, is then used to transfer the solids to the required location, usually a dewaterer.

The output from the Coarse Screen is thus prepared for further processing with reduced risk of the bulk material in the flow interfering with additional process equipment.



“Designed for installation in concrete channels.”