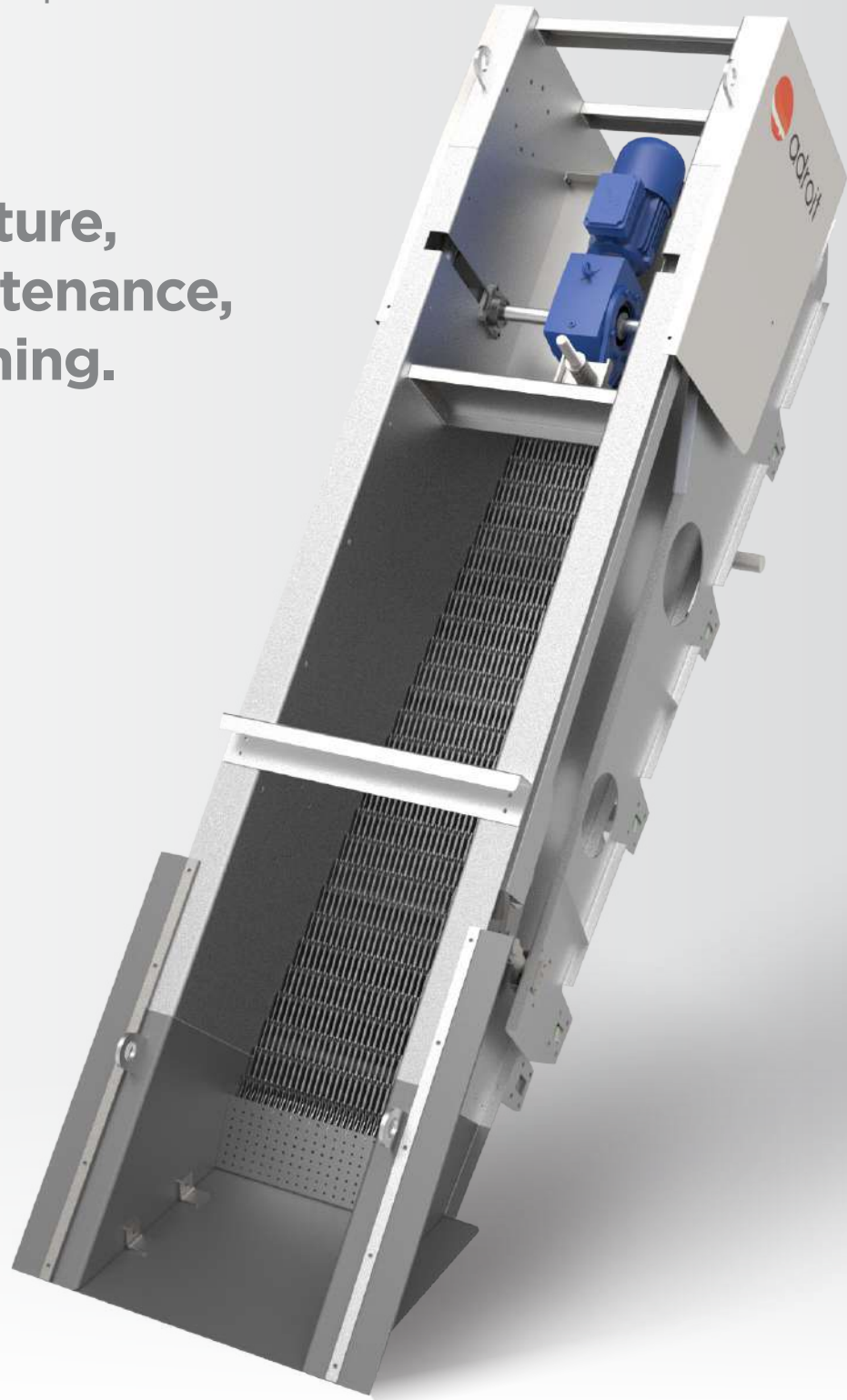


STEPFLOW™

Mechanical Step Screen

High Capture,
Low Maintenance,
Self Cleaning.



35 YEARS
of excellence
★ SINCE 1987 ★



adroit
Water Technology Solutions

STEPFLOW™

Automatic Mechanical Screening for Fine Waste Water Treatment

Application: Primarily intended for sewage inlet works, step screens are a carpet type of screening systems for separating suspended solids. They are designed to handle large flow rates of sewage or process flows with small head loss, low energy consumption and minimal maintenance.

Application Area :

- > Municipal waste water plant
- > Waste water pumping station
- > Industrial Waste water screening with with filtration between 3mm to 6mm

Features:

- > High capture efficiency of fine solids
- > Minimum noise emissions
- > Self cleaning design
- > Low head loss
- > Minimal and low maintenance

Working: Water flow approaches the step screen along with solid screenings with it. The solid screenings are retained on the screen which form a carpet by time. The carpet creates an additional filtering effect and helps to filter increasingly finer particles. As soon as the level difference between upstream and downstream reaches to the predetermined point, the cycle automatically starts to clean the screen. During the cycle, steps move upwards and mobile lamella lifts the screenings onto the next step until the screenings reach the discharge point.

Dimension and Manufacturing:

Bar Spacing: 3mm to 6mm

Channel width: upto 1500mm

Material: Stainless Steel 304/316

