



The AAF Envirotec GmbH grab type screens are designed to suit inlet channels and to protect all other equipment in the sewage treatment plant from screenings of abnormal size.

Each screen unit is consisting of a vertical bar screen between a stainless steel frame.

The screen rake is connected to a trolley by means of rack levers. The rake engages into the screen by means of an electric actuator.

The trolley with rake and actuator is lifted through a motorized chain hoist. The removed screenings will be discharged via a rocking apron and a wiper with polyethylene lining.

The screen unit operates according to the counter-current principle. The advantage is that the rake engages into the screen from the clear side. Any damage due to blockage or screenings of abnormal size will be prevented.

Preferred bar spacing are 6, 10, 15, 20, 25, 50 and 100 mm. Other spacing is available on request.

lifting hoist

make : STAHL
 type : ST 0502-8/2
 lifting capacity : 500 kg
 power : 0,4 / 0,1 kW
 source : 400 V / 50 Hz

actuator drive

make : Ruhrgetriebe
 type : SN13FH
 power : 0,12 kW
 speed : 1400 min⁻¹
 22 min⁻¹
 source : 400 V / 50 Hz

material specification

screen rake & frame : stainless steel 1.4301
 castors : polyamide
 wiper : UHMW-PE
 drive units : according to manufacturer standard

