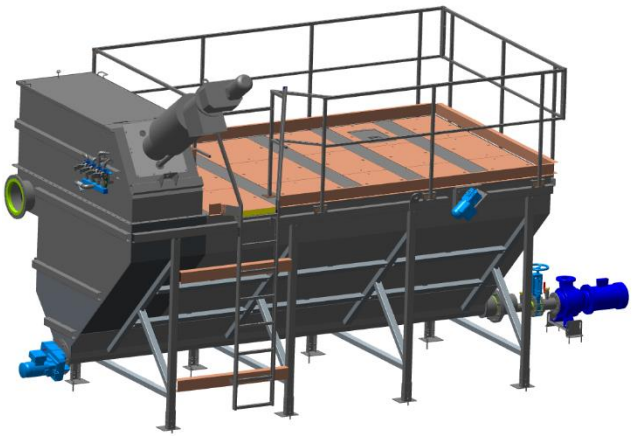
# Complete Inlet Works with the

# Rotamat® Complete Plant

# Hydro Duct Ro5 HD



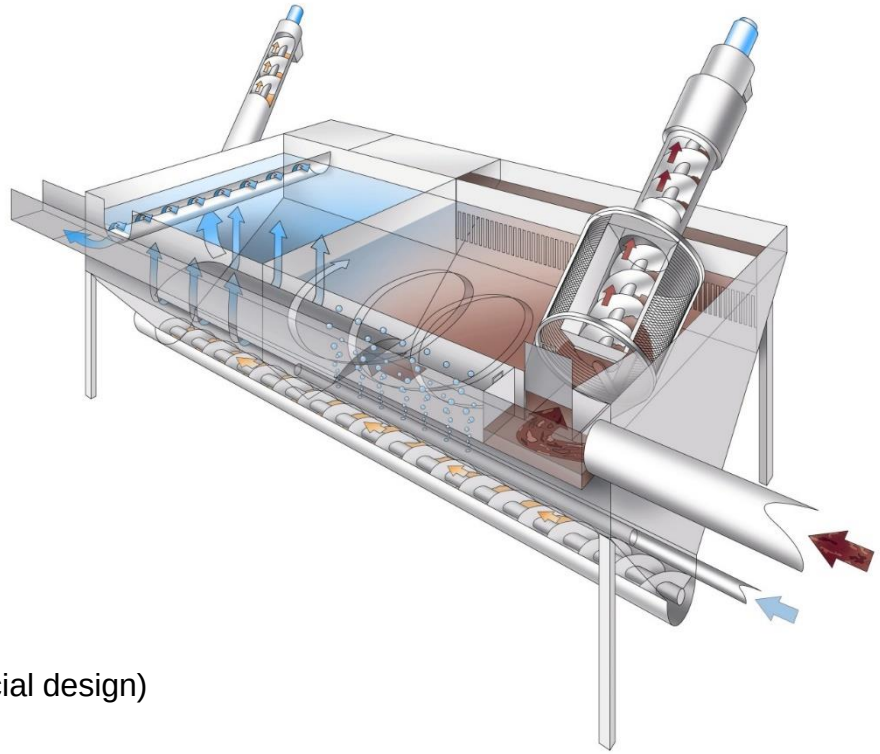
# WHY the Ro5 HD???

# Ro5 HD – BASIC Features

HUBER TECHNOLOGY
WASTE WATER Solutions

## GENERAL

- Flows up to 150 l/s (540 m³/h)
- One or two dimensional screening
- Screening starting from 1 mm up to 10 mm
- Grease trap with grease removal
- Integrated emergency overflow
- Integrated emergency bypass



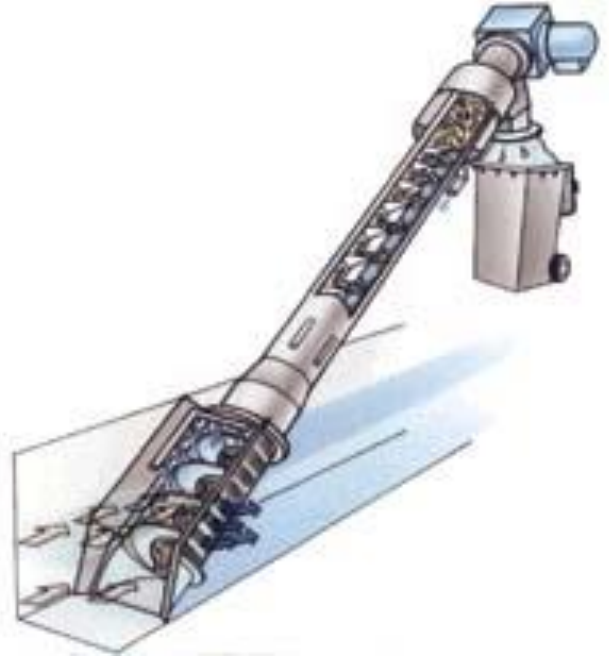
## SCREEN Options

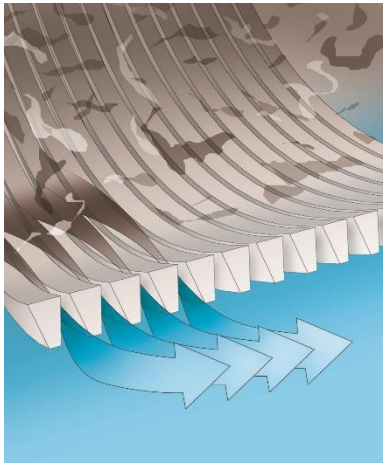
- Rotamat® Series
- Step Screen (special design)
- RakeMax® (special design)
- Travelling Belt Screen EscaMax (special design)

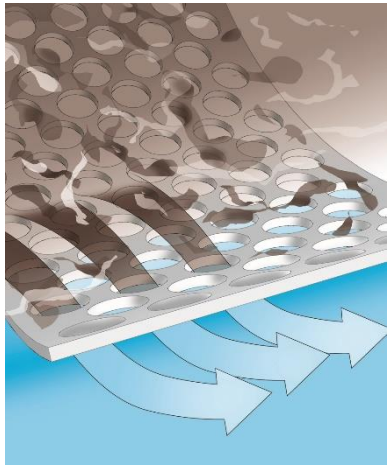
# Screen Options Rotamat® Series

## Rotamat Microstrainer Ro9

- Up to 70 l/s
- One and two dimensional screening
- 1 mm up to 6 mm bar spacing (wedge wire)
- 1.5 mm up to 6 mm perforation
- Static screen basket with moving screw/brush
- Preferred screen for low flows/small packages



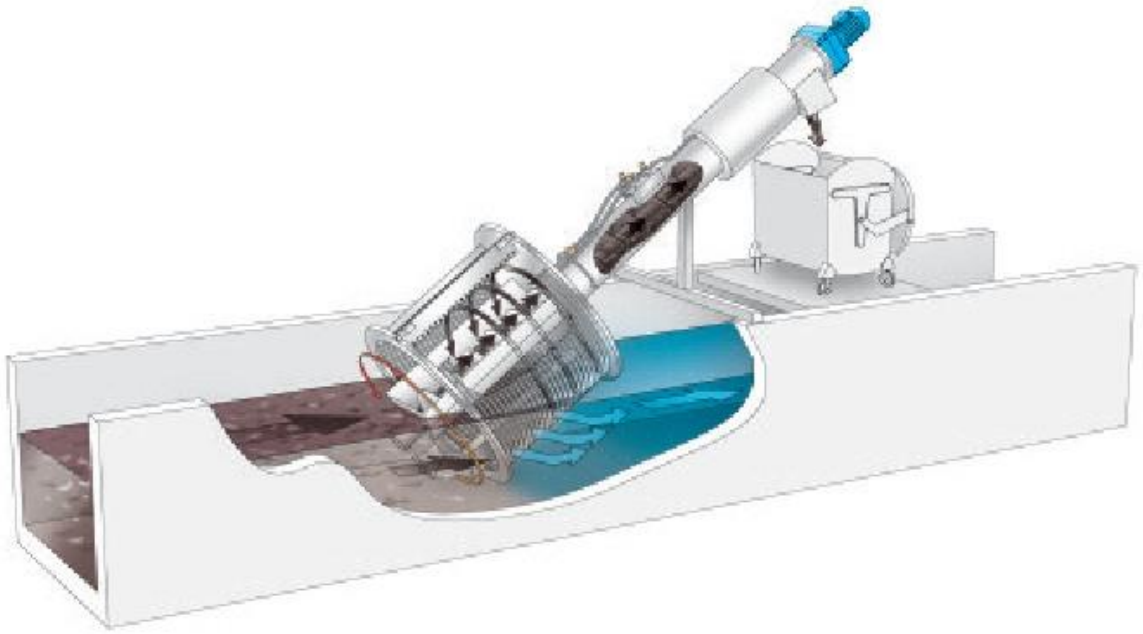


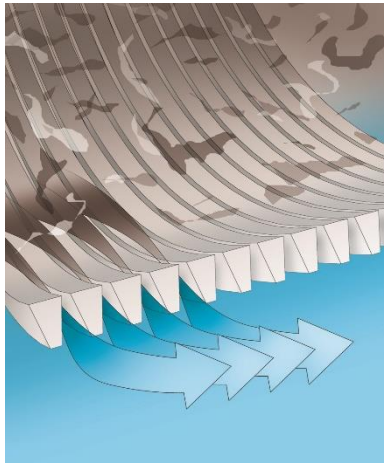


# Screen Options Rotamat® Series

## Rotamat Fine Screen Ro1

- Up to 300 l/s
- One dimensional screening
- 6 or 10 mm bar spacing
- Static drum with moving rake/comb
- Preferred screen for septic sludge or tanker waste sewage

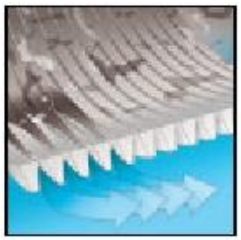


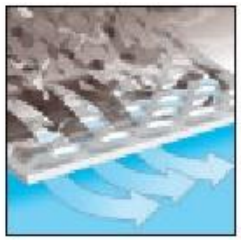


# Screen Options Rotamat® Series

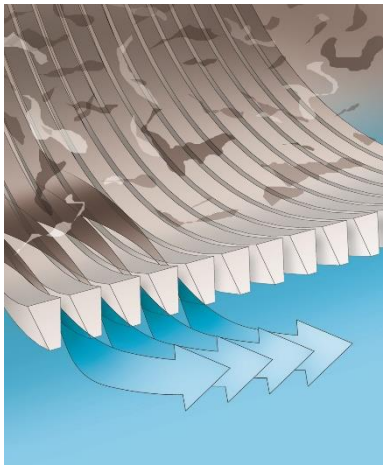
## Rotamat Rotary Drum Screen Ro2

- Up to 300 l/s
- One dimensional screening
- 1 mm up to 6 mm bar spacing (wedge wire)
- Rotating drum with spray nozzle bar and brush – real Drum Screen







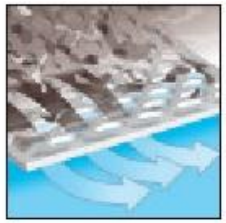


# Screen Options Rotamat® Series

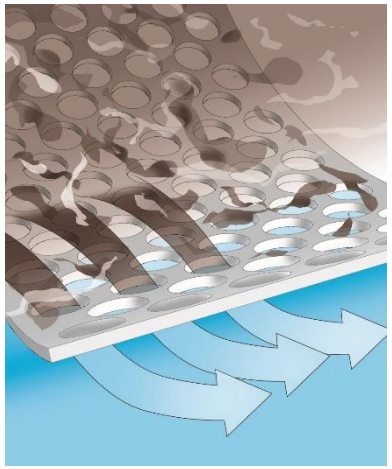
HUBER TECHNOLOGY
WASTE WATER Solutions

## Rotamat Peforated Plate Screen RPPS

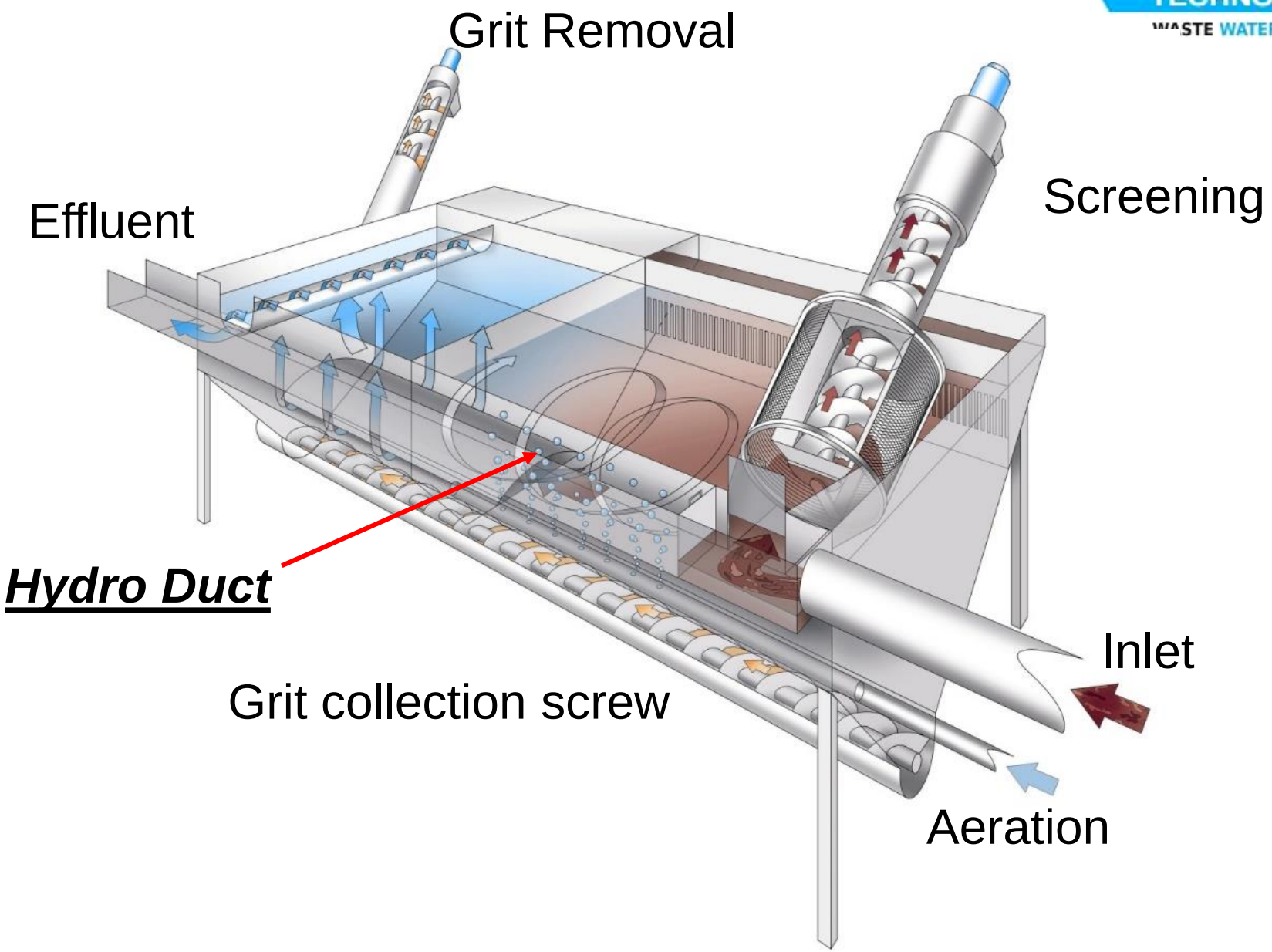
- Up to 300 l/s
- Two dimensional screening
- 1.5 mm up to 6 mm perforated plate
- 62% screenings capture ratio
- Rotating drum with spray nozzle bar and brush – real Drum Screen







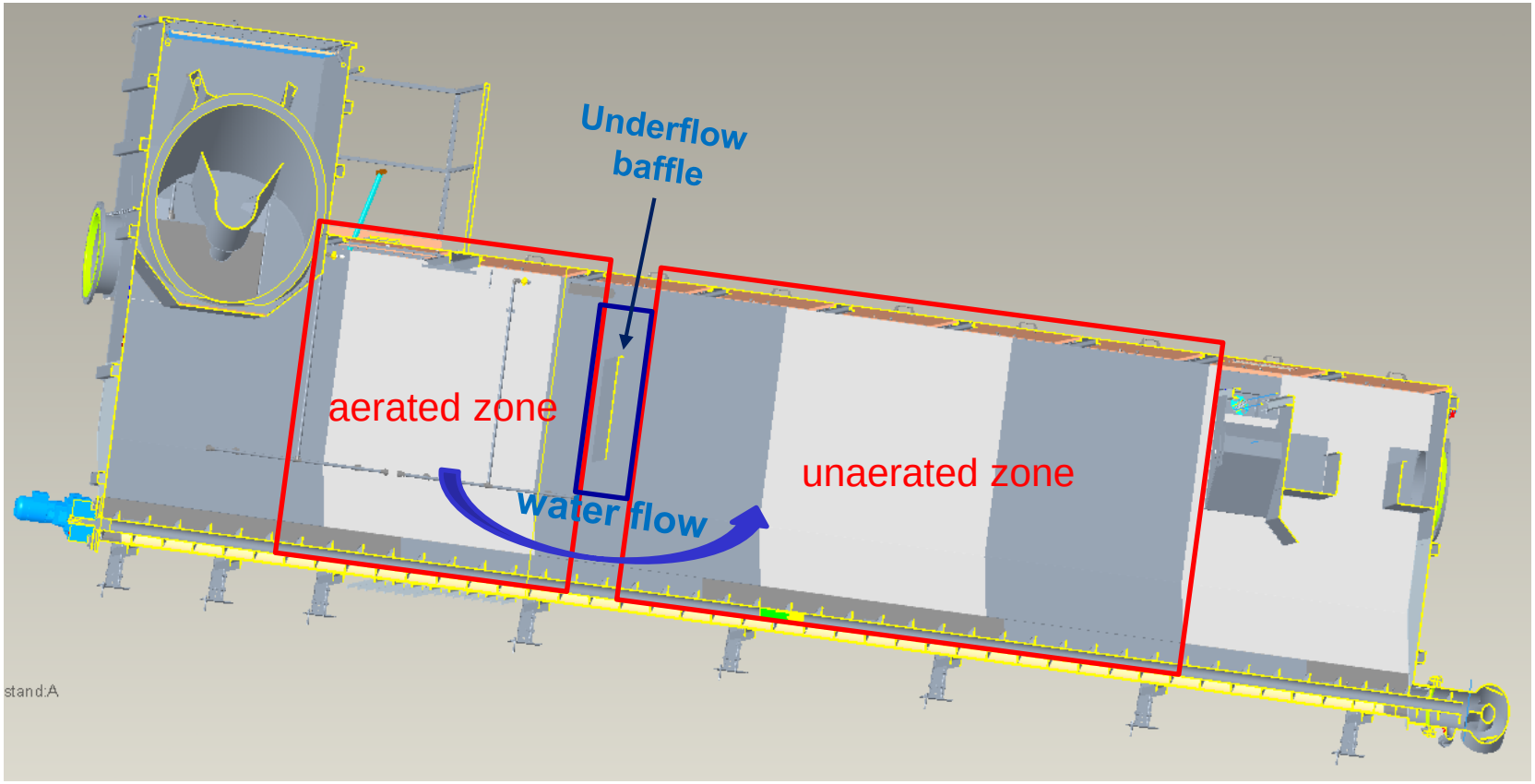
# Ro5 HD – How does it work??



# Ro5 HD – How does it work??

## BASICS Design & Layout:

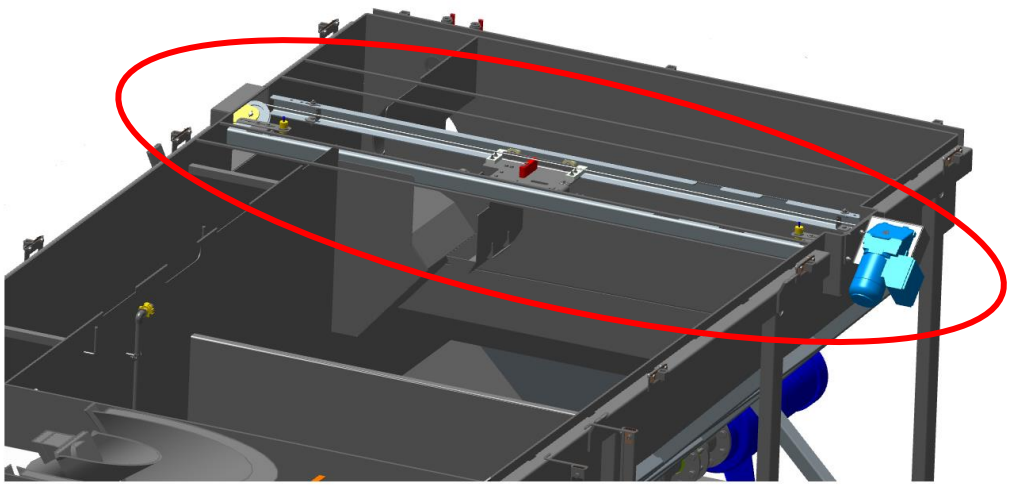
What is the ***Hydro Duct*** concept in Detail?

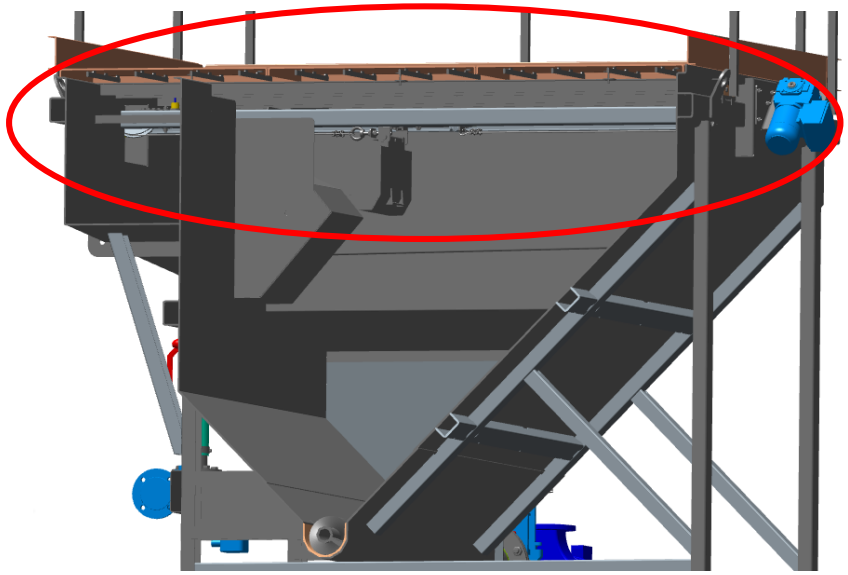


# Excellent Grease Removal Behaviour

## Superior Grease Removal:

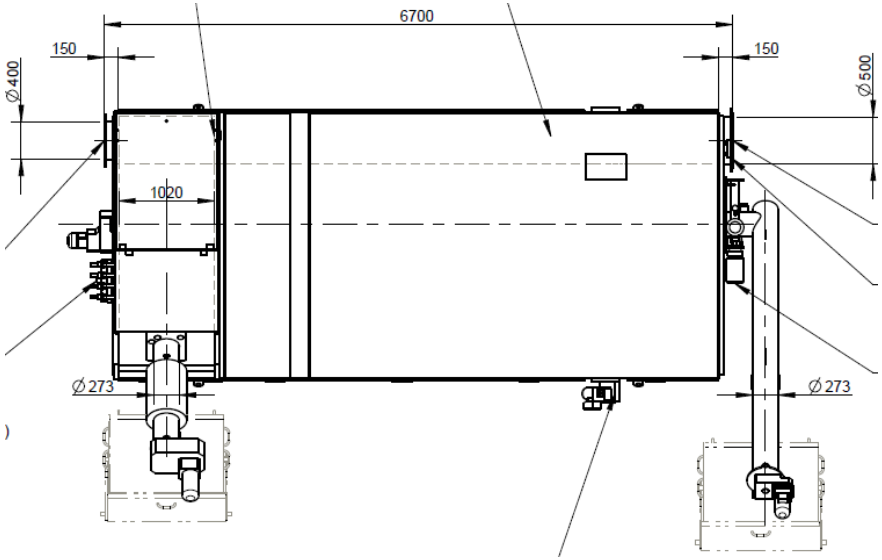
- Little aeration
- Large surface with almost „0“ turbulences
- FOG / floating matter flowing with flow direction
- Reliable and defined grease removal with proven scraper system

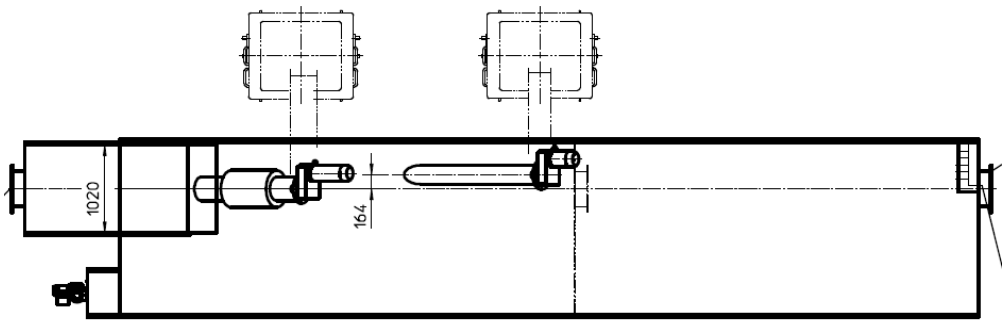




# Footprint and Space Demand

## Ro5 HS vs Standard Ro5




L = 11105 mm

Size 100 l/s
90% for 0,20 ≤ x < 0,25 mm

**Very compact design of the HD vs any standard Ro5 design**