

# H. DESIGN CHANNEL

Perfection in Hygiene Design



Flow is more laminar in comparison with typical rectangular shape bottom of the channel - faster transfer of fluids to the outlet

The discharge of fluids into the channel causes less pollution - reduction of the bacteria accumulation.

User needs less amount of water to keep the channel clean - ecology & efficiency.



## Description:

- External width 250 mm, internal width 180 mm, bearing edge 210 mm
- Material stainless steel AISI 304 (1.4301), sheet thickness 2 mm
- Rounded bottom, slope 1%/m
- edges made of stainless steel 12 x 12 mm or synthetic resin edge reinforcement against mechanical and thermal stress in accordance with EHEDG
- Round intermediate arrows in the gutter, M10 leveling legs and concrete anchors
- Strands (> = 4000/6000 mm) connected by welding flanges
- Grille with round holes, width 207 mm, length 1000 mm
- Load class M 125 kN in accordance with EN 1253 = forklift traffic

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- Built-in drain with 300 mm diameter, type D300 / 110V1
  - Seamless, hygienic well casing, deeply drawn diameter 255 mm
- water when removing the siphon and separate waste bin (capacity 3 l), flow rate 6 l / s (= 21.6 m<sup>3</sup> / h)
- DN110 bottom or side outlet or other
  - All parts are pickled and passivated

### Options:

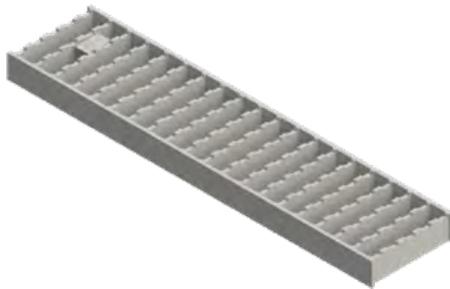
- Basket under the entire length of the channel
- 3 mm thickness
- Hinged grates



Plate grating



Anti-Slip ladder grating



Ladder grating



Innovative rounded bottom hygienic channel:

- flow is more laminar in comparison with typical rectangular shape bottom of the channel
- the discharge of fluids into the channel causes less pollution
- user needs less amount of water to keep the channel clean

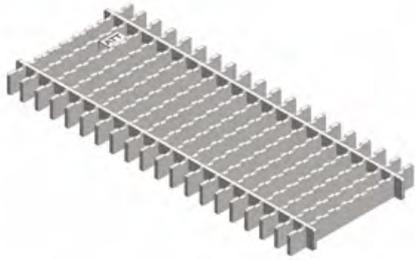


Benefits:

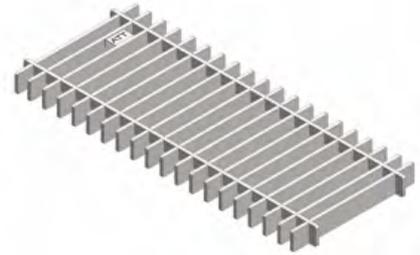
- faster transfer of fluids to the outlet
- reduction of the bacteria accumulation
- ecology & efficiency

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Anti-Slip ladder grating



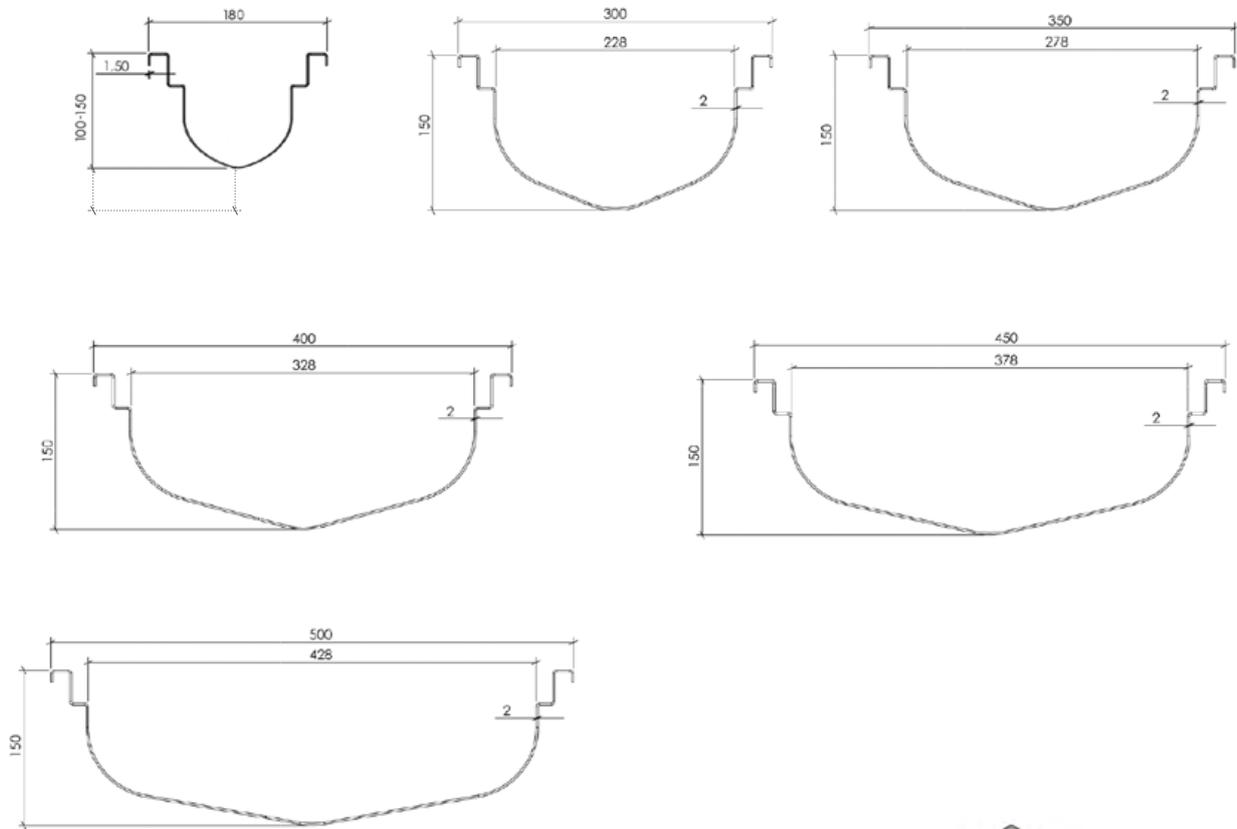
Ladder grating



High load class plate grating.



Large radius U-shaped bottom provides high flow rate capacity and prevents from accumulation of contamination.



..... We can produce rounded endings.



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