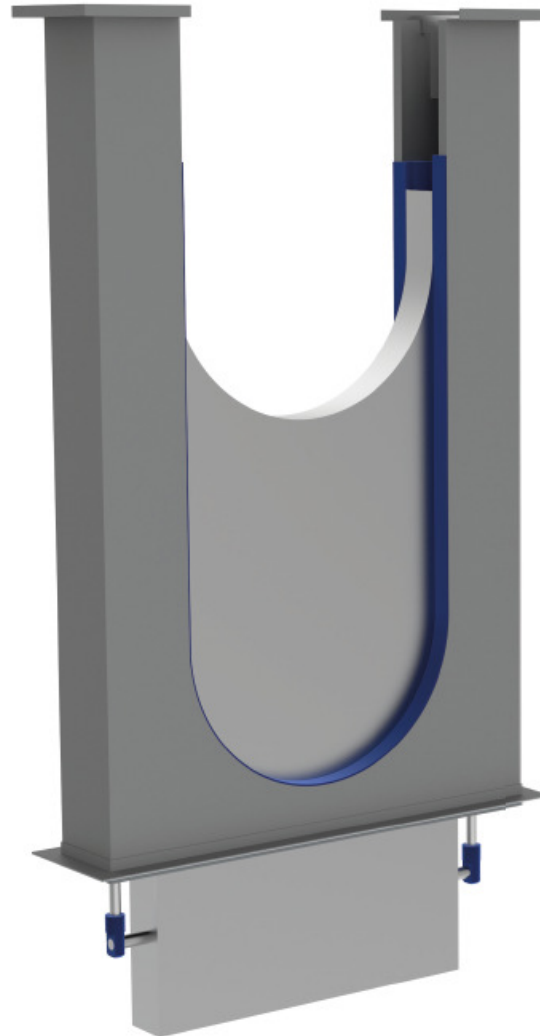


ASA Weir

SMART Machine



PRODUCT DESCRIPTION

ASA weirs serve primarily as cascade dams, flushing weirs and relief weirs. They activate reservoir volumes, generate hydropeaking and make a variable overflow edge to separating structures and relief dams. Technically, the ASA weirs are XXL hydraulically-driven, pressure-sealed sliders manufactured with the highest level of precision.

YOUR ADVANTAGES

- Activation of reservoir volumes
- Generation of flushing waves
- Flood protection
- Reduction of structural dimensions
- Network connection to cascades
- Safety even in cases of power failure
- Adjustable operation levels

USE

- Sewer reservoirs
- Storm water tank
- Coastal protection/dykes
- Separating structures
- Polders
- Seals
- Locks



ASA-Weir

SMART Machine

Standard specification and technical data

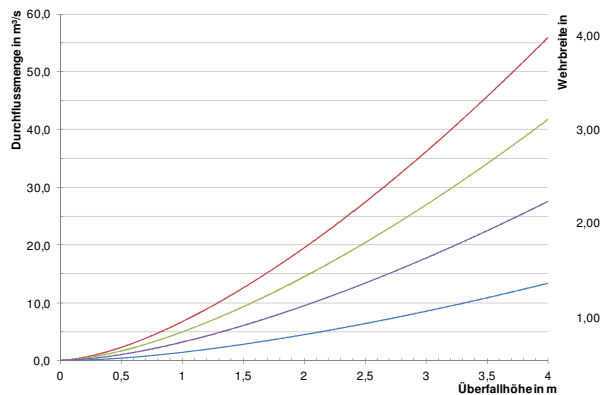
Height:	0.50 – 3.00m (other on request)
Width:	1.00 – 7.00m (other on request)
Amount of water:	up to 70.0m ³ /s each module
Lifting speed:	3-8 m/min
Drive:	Electro-hydraulic
Drive power:	max. 2.2 – 14.0 KW
Material:	Stainless steel/ Composite material

Planungsservice@hst.de

Special design and dimensions on request

Design / Performance

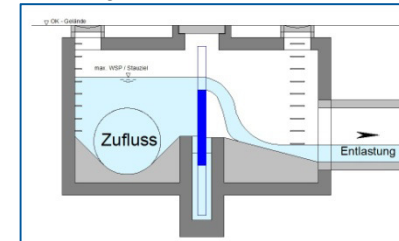
Pre-Dimensioning chart



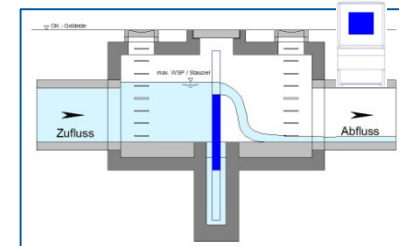
Exact design / Detailed design via
HST-design Service

Arrangement

Discharge Weir



Cascade Weir



Req. control cabinet size. Foot print area

Incl. hydraulics

H/W/D: 1000/1800/300mm

Versions / Options

- Discharge Weir
- Cascade Weir
- Flush Weir

- Condition Monitoring
- smartSCADA/smartKANiO

Product key

HST-ASA- / - - / / / / /
 1 2 3 4 5 6 7 8 9

- 1 Type
- 2 Water volume [l/s]
- 3 Construction size [cm]
- 4 Parameter 1
- 5 Parameter 2
- 6 Arrangement
- 7 Material
- 8 Option
- 9 National code

Links

Product site/project reports/inquiries

ASA-Weir

<http://www.hst.de/e/products/asa-weir/>

Product specification text/ ASA-Weir

<http://www.hst.de/e/service/assistance-support/>

HST Product catalogue

<http://media.hst.de/broschuere-english2014/>

HST YouTube-Kanal

www.youtube.com/user/HSTSystemtechnik