

## Stainless Steel Weir Penstocks

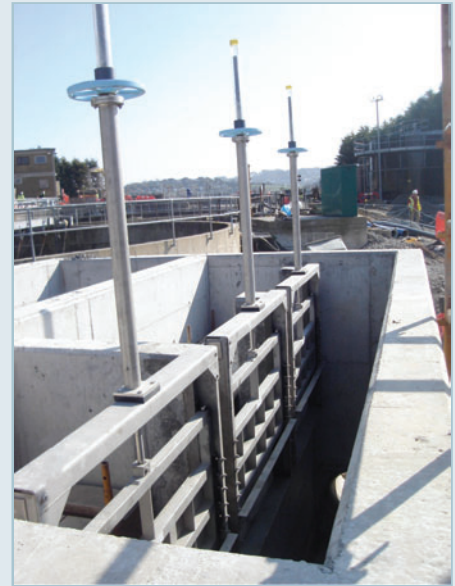
Figure no. W4000, W4500&W4600 manufactured according to BS7775

**Waterfront** designs and manufactures a range of Stainless Steel Weir Penstocks for applications in the potable and waste water sectors as well as for drainage, power plants and industrial requirements.

With the application of its **advanced computer design and quotation programmes**, a rapid response is achieved in providing quality customer service and on-time deliveries.

### The penstock range includes: WALL PENSTOCKS, CHANNEL PENSTOCKS, WEIR PENSTOCKS

- Use:** Controlling channel water levels
- Types:** Downward opening.
- Size range:** 150 mm to 3500 mm. Square or Rectangular.
- Pressure:** Door Depth.
- Materials:** Stainless Steel grades SS316, SS304, , Mild Steel with protective coatings.
- Operation:** Handwheel, Square Cap, Gearbox or Actuator with Rising or Non-rising Stems.

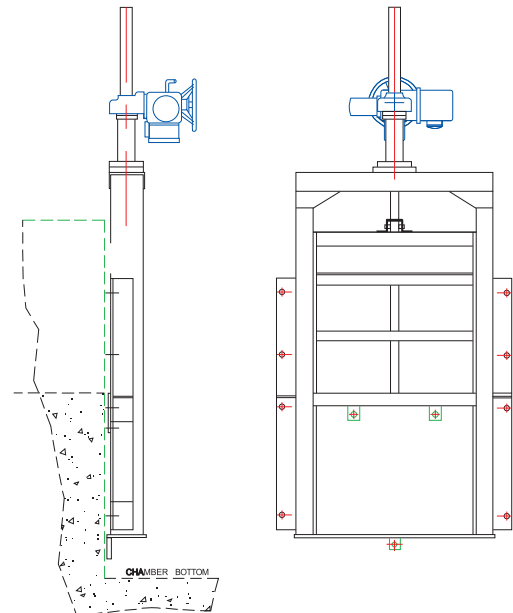


## SPECIFICATIONS

### Weir Penstocks

**Weir Penstocks are utilized in water and sewage plants for accurate regulation or measurement of flow.**

Operation of the weir penstock is opposite to that of a conventional penstock. The weir penstock door opens downwards. The illustration below shows a typical arrangement for a weir penstock being operated with a rising stem. Non rising stem versions are also available.



### WATERFRONT FLUID CONTROLS LTD

[www.waterfrontfc.co.uk](http://www.waterfrontfc.co.uk)

The Hub (Unit 8), Digital Media Quarter, Pacific Drive, Glasgow, G51 1EA

TEL: +44 (0)141 427 7266 \* FAX: +44 (0)141 427 2706 \* E MAIL: [SALES@WATERFRONTFC.CO.UK](mailto:SALES@WATERFRONTFC.CO.UK)

Company Reg No: 305356 \* VAT Reg No: 894898138

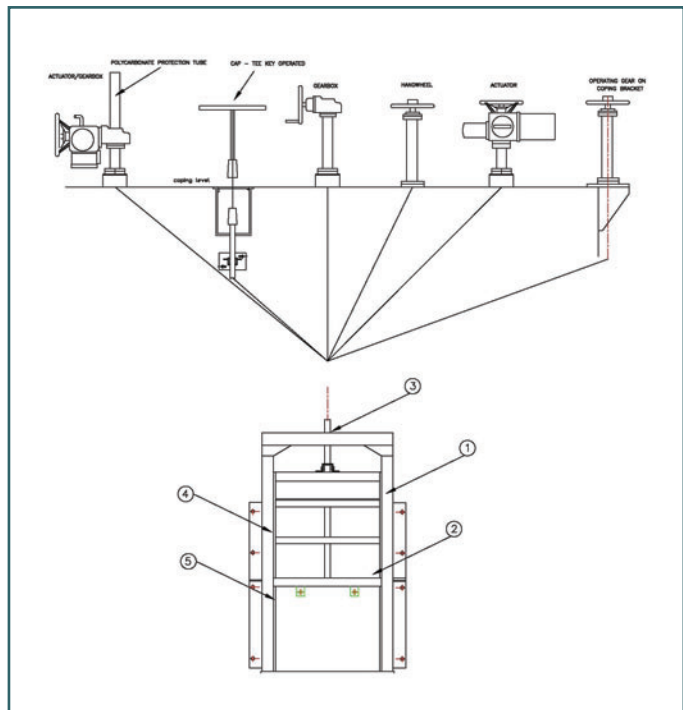
## Stainless Steel Weir Penstocks

Figure no. W4000, W4500&W4600 manufactured according to BS7775

### SPECIFICATIONS

#### OPERATING GEAR

- Use:** Controlling the method of opening and closing the Penstock.
- Types:** Rising and Non-Rising Stems.
- Mounting:** Pillar on a Frame, Pillar on a floor, Pillar on Coping Bracket, Cap with Support-Bracket.
- Operation:** Cap, Handwheel, Gearbox, Actuator, Actuator/Gearbox Combination.



COMPONENT	MATERIAL
FRAME	STAINLESS STEEL GRADES SS304, SS316, MILD STEEL, SUPER DUPLEX
DOOR	STAINLESS STEEL GRADES SS304, SS316, MILD STEEL, SUPER DUPLEX
STEM	STAINLESS STEEL GRADES SS304, SS316, MILD STEEL
WEDGE	PE, STAINLESS STEEL GRADES SS304, SS316
SEAL	EPDM, COMBINED PE+NEOPRENE, NITRILE SEAL

#### WATERFRONT FLUID CONTROLS LTD

www.waterfrontfc.co.uk

The Hub (Unit 8), Digital Media Quarter, Pacific Drive, Glasgow, G51 1EA

TEL: +44 (0)141 427 7266 \* FAX: +44 (0)141 427 2706 \* E MAIL: SALES@WATERFRONTFC.CO.UK

Company Reg No: 305356 \* VAT Reg No: 894898138