



### Description

Tilting weir gates are used for wide openings where the vertical flow required is not more than approximately 500 mm. The gates are hinged at the bottom and the flow over the top is controlled by the adjustment of the angle or height of the gate. Depending on the water level, and if the application requires the gate to be sealed off, the gate can be sealed on three sides leaving the top open. For 2 m or wider twin spindle design will apply.

# Application

- Wastewater treatment plants
- Water treatment plants
- Mining industry
- Dairy and abattoir plants
- Food production industry
- Irrigation system network
- Processes in which level control is required



#### Features & Benefits

- Frame suitable for direct mounting on face of wall
- Gate frame provided with HDPE liner for low friction sliding
- Actuated or manual gates provided according to client specification
- Rising or non-rising spindle gates provided according to client specification
- Rigid ACME thread S/S spindle design
- Resilient sealing system with L seal design
- Low maintenance













## Performance & Specification

#### **Tilting Weir- Estimated Flow Rates**

We manufacture to suit non-standard openings
Table data subject to change to suit civil and flow conditions
All dimensions in mm

MODEL	CHANNEL SIZE		TRAVEL		CONTROL
	WIDTH (A)	HEIGHT (B)	HEIGHT (C)	T.W.L. (D)	CONTROL
TW800	800	300	273	TILTING	SINGLE SPINDLE
TW1000	1000	300	273	TILTING	SINGLE SPINDLE
TW1500	1500	300	273	TILTING	DUAL SPINDLE WITH GEARBOX
TW1750	1750	500	455	TILTING	DUAL SPINDLE WITH GEARBOX
TW2000	2000	700	637	TILTING	DUAL SPINDLE WITH GEARBOX
TW2500	2500	900	819	TILTING	DUAL SPINDLE WITH GEARBOX
TW3000	3000	1200	1092	TILTING	DUAL SPINDLE WITH GEARBOX



