

# ADJUSTABLE WEIRS

KWT® TILTING WEIR TYPE: KKS

## APPLICATION

KWT weirs are available in various forms and are mainly used in surface and process water systems. The KKS tilting weir provides a very accurate means of controlling water levels by varying the pen level upstream.

## OPERATION

The tilting weir can be supplied in various sizes and types for water level maintenance and flood alleviation. The weirs can be manually or electrically operated, and can also be supplied with Solar Power Supply systems- the largest solar powered tilting weir in Europe was supplied and installed by KWT and KWTronic.

The KWT KKS tilting weir is manufactured using stainless steel and HDPE (High Density Polyethylene) and is for more demanding applications. Even movement of the side cheeks is guaranteed due to the drive being transmitted to both sides, allowing very fine adjustment, whether controlled locally or remotely using a telemetry system.

The tilting weir can be fitted to various types of structure, whether it is a concrete structure, steel or timber sheet piles or pre-cast headwalls. The interface between the weir and wall is sealed using EPDM or MS Polymer seal.

## BENEFITS

Compact construction.

Low Build Height.

Easy to install.

Vandal Resistant.



## SPECIFICATIONS

Weir width dimensions:	500 mm to 6,000 mm
Plate height:	100 mm to 2,500 mm
Operation method:	Manual or Actuated
Operation point:	Half Moon or other type of Connection on request.
Automation:	Manual/Electrical and can be controlled using solar energy

## MATERIALS

Side cheeks:	SS304 or SS316
Weir plate:	SS304 or SS316
Top bridge and frame:	SS304 or SS316

Supplied by

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