

# ADJUSTABLE WEIRS

KWT® TILTING WEIR TYPE: KKS-PE

## APPLICATION

KWT weirs are available in various forms and are mainly used in surface and process water systems. The KKS-PE tilting weir provides a very accurate means of controlling water levels upstream, as it is a very cost-effective solution for smaller applications. They have also been used widely for a safer and easier to use alternative to stopboard structures.

## OPERATION

Using the KKS-PE HDPE tilting weir is often a cost-effective solution for penning and controlling water levels. The side pieces of the weir have been manufactured using profiled HDPE sheet. The weir plate is made completely in stainless steel, so when combined, these make a very robust yet simple, effective product.

The KKS-PE is operated from above to prevent reaching over the watercourse, and requires very low torque to operate due to the large profile of the drive system in combination with the reduction gearbox.

The weir can be deployed for applications that are up to 2 metre wide with a maximum height of rise of 1.2 metres. The KKS-PE is an ideal solution for penning water in conservation areas, land drainage ditches and smaller watercourses.

## BENEFITS

- Low build height
- Very accurate level control
- Very cost effective
- Very low maintenance
- Safe and easy to use



## SPECIFICATIONS

Weir width dimensions:	500 mm to 2500 mm
Overflow height:	100 mm to 1200 mm
Operation method:	Manual or Actuated
Operation point:	Half-moon or other connection on request.
Other dimensions on request.	

## MATERIALS

Side cheeks:	HDPE
Weir plate:	SS304 or SS316
Top bridge and frame:	SS304 or SS316
Other materials on request.	

Supplied by



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