

ALL FOR  
WATER

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# VERTICAL BAR SCREENS

THE BEST SOLUTION,  
IF YOU THINK ABOUT  
CLEAN WATER



**IN-EKO**<sup>®</sup>  
TEAM

# PCK / VERTICAL BAR SCREENS

Vertical Bar Screens (PCK) are designed for municipal water treatment plants and industrial applications. Screens can be installed wherever there is insufficient space for installation of conventional types of screens or sewerage in a large depth, screens can be also used to protect pumps in the pumping stations. The screenings are from

the waste water removed by a patented rod basket. The rod basket is the same as in the case of our other devices – CKP and MZ where the solution is used and proven for a long time. The screenings are then conveyed in the vertical direction by a screw conveyor away from the device into a prepared container, a dustbin, a container etc.

- This type of screens can be used for more polluted waste water than standard types of screw screens and they are also suitable for water containing fibrous material and non-woven fabrics.
- The automatic run of the screens is ensured by the level probe which gives the impulse to the rod basket cleaning in combination with the timer.
- Screenings are dewatered by the gravity.
- Standard slot width 3 and 6 mm.

## PROPERTIES

- Capturing and transporting of screenings
- The possibility of an integrated press for screenings
- Significant variability of connection types and length of screw conveyor
- Fully automatic system
- Made of stainless steel AISI 304 or AISI 316

## USE

- Pump protection in pump stations
- WWTP
- Industrial applications

## ADVANTAGES

- The screenings are trapped on rods of screens and then transported to a screw conveyor → the rod basket cannot be clogged
- Insufficient space for installation



Type	Slot width	Capacity
300_PCK_xx *	3 mm	10 l/s
	6 mm	13 l/s
600_PCK_xx	3 mm	20 l/s
	6 mm	25 l/s
900_PCK_xx	3 mm	30 l/s
	6 mm	40 l/s

\* 300 – width PCK – type xx – depth of channel

**IF YOU HAVE ANY QUERIES, PLEASE CONTACT US  
BY EMAIL, PHONE OR IN PERSON.**

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