

Project: Crossens Pumping Station

Location: Southport

The ACE logo features the letters 'ACE' in a bold, green, sans-serif font. Below the letters are three stylized, wavy lines representing water, colored in shades of green and blue. The entire logo is enclosed within a white oval with a green border.

4 New Weedscreen Cleaners

Client: Volker Stevin



As the weedscreen cleaners at Crossens Pumping Station, the second largest land drainage pumping station in the UK, had reached the end of their economical life, ACE have recently been employed to provide replacement cleaners to maintain reliable operation of the station.

The pumping station has undergone a major refurbishment to improve efficiency, and as part of this Landustrie Weed Screen cleaners were selected due to their reliability and large capacity for clearing debris.

Weedscreen cleaners are used to prevent blockage to intakes to pumping stations, to ensure the pumps can run to their optimum efficiency, and the risk of flooding is vastly reduced. The automation of the cleaners removes the need to provide labour to clear screens, reduces health and safety risk through manual handling, and allows resource to be redirected during flood events as pumping stations can reliably operate unmanned.

The cleaners run on a combination of straight and curved tracks, with the grab-trolley being deployed automatically either on timed operations, or as water levels indicate obstruction on the weedscreens.

The unique design of the grab ensures optimum capacity, as it prevents roll-over when heavy objects are presented, ensuring that every collection uses the full capacity of the grab.

ACE provided a full installation and commissioning service to Volker Stevin, working for the Environment Agency. We would like to thank all involved for their assistance with the project.



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