

Freshwater banks construction

Case Study



MEB Meyer Erdbau were contracted by EADS Airbus to construct new freshwater banks at their grounds in Hanöversand. The banks were needed to reduce the environmental impact of the new factory they were building at the site.

To achieve the client's high demands for performance and accuracy, the contractor decided to equip three excavators with GPS machine guidance systems.

After close evaluation of all the available systems on the market, they decided to use Prolec pcX-3D with a 3rd party RTK GPS solution. The ability to use their choice of GPS proved to be an important factor in the decision making process.

There were a number of other features the contractor considered important. Foremost was the ability to easily customise the display to their requirements. This system provided the option to display up to four split screens alongside a number of visual indicators. Another factor was the robustness and accuracy of Prolec's marine grade sensors—something that could not be matched by other suppliers.

Who

MEB Meyer Erdbau

Summary

Prolec supplied pcX-3D machine guidance systems, with marine grade AS8 sensors and dual antenna RTK GPS

Services provided

- Ability and ease for the operator to customise the display to their requirement
- Able to use up to four split screens plus a number of visual indicators such as auto bucket zoom, rainbow bucket and external LED, allowing the precise monitoring of activities

Benefits delivered

- Robustness of Prolec's AS8 marine grade sensors which, with an accuracy of 0.09°, was something other suppliers could not match and ensured Meyer achieved maximum up time
- Achieved client's high demands for performance and accuracy

