

HYBRID TECHNOLOGY REDUCING COSTS AND CARBON

Lynch and Mick George working collaboratively to bring low carbon solutions to our construction sites.

The trial:

We put a D6T and D6XE to work on a project in Stowmarket, completing similar operations so we could compare their fuel usage and see the real-time benefits of hybrid technology.

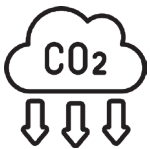
The Technology:

The CAT D6XE is the worlds first high drive Electric Drive dozer, equipped with a high drive electric drive powertrain.



OUR RESULTS

We looked at data from the machine's API feeds for the work completed on a weekly basis. This demonstrates that by making a simple swap to Hybrid Electric technology, we're able to make savings that help the environment, and help to keep the project costs down.



Reduction in CO2 emissions, of **600kg** per machine



Reduction in fuel burned, of **300l** per machine



Cost saving of over **£300** per machine

THE TESTIMONIAL

“We are committed to reducing our carbon emissions and are excited to be using green technology across our projects, supporting the UK's 2050 net zero carbon emissions target. We're keen to prioritise our environment throughout our projects and it's great to see innovative machines on our sites that help us to reach our sustainability goals. Seeing the benefits of hybrid technology has been eye opening, as this electric drive Dozer is just as powerful as its diesel counterpart, with the bonus of fuel saving. Lynch continue to go above and beyond, helping us to minimise emissions, save fuel costs and increase air quality for our teams and the local communities we work in.”

Joe Nelson

Works Manager for Mick George