

# TANSTERNE BIOMASS PLANT

**CLIENT:** GB BIO

**VALUE:** £35M

## THE PROJECT

The Ashcourt Group were initially involved with the construction of the 1.3km reinforced concrete access road laying nearly 2,000m<sup>3</sup> of concrete. We were then awarded the civils contract to construct the new 22MW Tansterne Biomass Plant for GB Bio Ltd. Our team took responsibility as the principal contractor for the project coordinating multiple contractors and over 150 on-site workers.

Due to the ground conditions both the Air Cool Condensers and the Boiler Module slabs had to be built of driven concrete piles. The reinforced concrete slabs were then installed before the Air Cool Condensers and the Boiler Modules were erected. The project also required a 105x30m storage barn for the feedstock and a 4m deep pit for the 3T crane grab to load the feedstock on to a push floor system which feed into the boilers.



# ▶ THE PROJECT

All the concrete foundations, pit floor and main shed floor were supplied and installed by Ashcourt. In total, Ashcourt supplied approximately 5,000m<sup>3</sup> of concrete throughout the project.

The build began in 2016 and the plant was energised in March 2017 and commissioned in February 2018. The plant was recognised for its advanced design and renewable credentials when it was awarded “Best Renewable Energy Project or Installation” at the 2017 Humber Renewable Awards.



# ▶ DIVISIONS INVOLVED



Civil Engineering



Aggregates



Concrete



Construction

