

# Ladle Pre-Heating Station



William Cook - Sheffield



## Ladle Preheater

We were asked to design a ladle preheater for the drying of cast refractory ladles and pre-heating of the ladles prior to filling with molten steel.

On a site visit we observed there was an unused jib crane, The proposal was to incorporate the jib as part of the design to suspend the preheater lid, space saving and to free up the main overhead factory crane. utilising the jib crane permitted simple positioning the ladle cover, slewing up to three set positions, lowering onto ladles located on stands within the jib arm radius.

The result proved to be very efficient and safe for our client's employees use.