

Industrial

Food Production Plant, Lorry Docks

Peter Dann were commissioned to assist in the design of two fully automated lorry docks for fresh material intake at a manufacturing plant in the East Midlands, these were required to provide an “as safe as possible operation” in a potentially hazardous area of the site, .

The new docks required levellers, these were set into precast dock units with Inflatable shelters to seal to the lorries to maintain the temperature controlled environment within the building. The dock approach was inclined to suit the intake building levels and dock location, Auto Tracking software was used to ensure vehicles could manoeuvre in and out of the ramped approach and past the existing structure.

A controlled wheel locking system was installed which prevented lorries from pulling out of the dock when it was unsafe to do so, an extremely important feature when vehicle loading/unloading is done using fork lift trucks.

