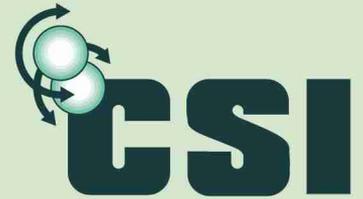


Case Study (Installation)



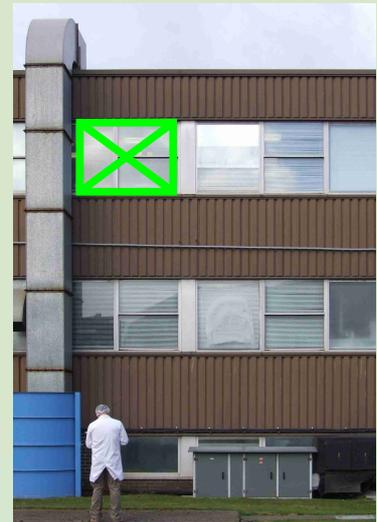
Like many customers, Surepharm found themselves with a requirement for more coating capacity but had limited space available within their Burton on Trent factory.

The requirement was for a 350Kg size machine, but the only area available for installation was on the third floor of the building and internal access was restricted. This route would also have required closure of the very busy production area during the installation phase.

The only realistic option was to install the machine through a window, with an opening of 2.1m wide and 1.5m high.

But that was not the only restriction - the window faced onto a courtyard with no access for lifting equipment.

The solution was to split the machine into pieces. These were lifted over the building and placed onto a platform, then moved into the room through the window opening and re assembled in situ.



On the installation day each of the parts were lifted up and over the building.



Specialist lifting and installation support was used for this challenging installation.



The air handling unit, extract fan and filter unit had already been placed on the roof.





As each of the parts were carefully transferred to the platform, the task was then to move them into the room and lower them to the floor 1.2m below the window opening.



With all of the parts transferred into the room, the reassembly began.



The installation of the machine took two days to complete; it was then possible for the electrical, pneumatic and ductwork installation to commence.

The room was then refurbished and the window was replaced.



But that was not the end of the story. Another limitation for the customer was the height of the room - as the machine was intended to operate in both film and sugar coating modes, a bypass ductwork arrangement was required above the machine.

CSI manufactured a bespoke bypass ductwork, designed to make maximum use of the limited room available, as there was no other space to locate the bypass.



As the OEM of the equipment, we were able to meet the challenges of the installation, making necessary provisions within the machine build at no extra cost to the customer.

On completion of the installation, a full validation process was undertaken and the equipment put into active service.



Thanks to Surepharm for their support and permission to publish this case study.

