



# Kemutec Supplies a New High Containment Sifting Package for GSK Cork Facility

## **Kemutec installs new processing package at GSK's R & D Facility in Cork, Ireland.**

Kemutec has continued to demonstrate its ability to meet the unique challenges posed by its clients with the installation of a high containment specification package for GSK at the company's Cork facility in the Republic of Ireland. It is the latest in a long line of machinery, including Sifters and Mills, that have been supplied to GSK's production facilities worldwide, and reflects GSK's confidence in Kemutec as a preferred supplier.

GSK had several requirements for the package, central of which was to accommodate a multi-product process train. This was achieved by designing in quick change operating parameters, equipment speeds, type of grinding media and even the sieve and screen type.



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The package consists of two RB100 screw feeders, which feed into two KEK Series 220 Under-Driven Cone Mills. These in turn feed into two KEK K650 Centrifugal Sifters. Mobile and sliding support mechanisms were developed to allow a milling or sieving operation to be added or removed from the process quickly and easily. The sifters are mounted on moveable structures, as GSK required them to be interchangeable with two existing flat-deck machines. The offset of the inlet flanges on the two types of sifter varied to a significant degree, and for this reason custom sections of tubing for the screw



feeders were designed to adapt the position of the feeders in relation to the sifters.

The stairs in the center of the assembly and the platform are also custom designed and manufactured by Kemutec, and are moveable to allow maintenance on the equipment. All machines used in the package are manufactured in C22 Hastelloy, thus accommodating the corrosive nature of materials and cleaning fluids. In addition, machines were pressure designed to allow them to be fully flooded during CIP for product dissolution, providing an extremely effective form of cleaning. Another factor

considered in the design of the package was the available space, which was at such a premium that a significant portion of the ceiling had to be cut away in order to accommodate the assembly.

The Sales Director at Kemutec, commented that “this project continues our desire as a company to work with GSK, and to constantly develop and provide solutions for their unique demands.”

Such a versatile package has been of great benefit to GSK, and reflects how Kemutec is constantly striving to exceed customer expectations.



If you have a special processing requirement or simply want to discuss your application, please feel free to contact us:



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