

Synchronous mixing, spray-coating and drying

At Powtech, Stand 7-463, Dinnissen, Sevenum, the Netherlands, is to launch a new application of its Pegasus® mixer whereby mixing, spray-coating and drying of ingredients can all be carried out simultaneously. The advantage of this new functionality is that fluids can now be added to bulk solids quickly, efficiently and homogeneously without any risk of caking and damage to fragile products such as granulates, soluble powders and flakes. The machine's twin-shaft mixing mechanism elevates powders, granules and granulates during the mixing process, thereby creating a fluidised zone providing ideal conditions for very gentle product handling, rapid blending and a high degree of energy efficiency. It is especially effective with sticky and hard-to-mix products. At the precise moment that the ingredients are thrown upwards into suspension, as many as 18 fluids can be sprayed on and mixed. www.dinnissen.nl



A Pegasus mixer carries out synchronous mixing, spray-coating and drying of fragile ingredients