
British Rema finds the right blend for Metabolics

As a leading manufacturer of nutritional food supplements, Metabolics is involved in the mixing and blending of over 400 products ranging from granular, free flowing powders through to hygroscopic substances in different volumes and weights.

Historically Metabolics had blended their products in multiple traditional blenders and the company could see room for improvement in the methods used, particularly when it came to improving mixing efficiency and reducing clean down times.

After being approached by Metabolics, British Rema was able to develop a solution tailored to meet their specific requirements in the form of an Interchangeable Blender with a mixing capacity of between 10 and 100 litres. Because the blender's base section is capable of holding a wide range of interchangeable body types and sizes Metabolics can now blend their entire product range using just one blender base fitted with interchangeable 10 litre and 60 litre V-Cone blender bodies.

Since individual products can now be mixed in separate blender cones clean down times have drastically reduced. Mixing efficiency has also improved from 90% to 99% because the blender's sealed units provide improved product containment.

A further benefit is the blender's reduced footprint when compared to the multiple mixing machines previously used, which has proved to be an asset as factory floor space is limited.

British Rema is now in the process of developing an Interchangeable Blender with a capacity of up to 500 litres, which will provide companies with ambitions similar to Metabolics with improved mixing efficiency for larger product quantities.

British Rema's Interchangeable Blender allows flexible, economical multi-purpose blending in one unit. The equipment is designed as a single blender base unit with multiple options for interchangeable V-Cone, Double Cone, Octagonal and IBC blender bodies.

The unique design of the Interchangeable Blender enables the homogeneous blending of multiple granular products, dry powders and liquids into powders, including fragile and abrasive products of varying densities and batch sizes, whilst meeting exacting process requirements in terms of blending efficiency.