

Batch Blending | Ribbon Blender

One should exercise care when picking a blender for the blending of granules because it needs to be a blender that exercises minimal force on the granules in order to prevent disintegration or unnecessary breakdown of the granules. The ribbon blender is one type of blender that can



be used for this but it does have limitations. The granules must not be too fragile. The ribbon blender that we own is a batch blender and is from the brand Morton. It offers a nominal capacity of about

1500 litres and not only is it suitable for the blending of different types of granules, it is also suitable for the de-dusting of granules.

How do these ribbon blenders work?

A ribbon blender normally consists of a u-shaped horizontal trough with specially designed mixing blades in the shape of ribbons. The ribbons positioned on the outside move the granules in one direction and the inner ribbons in the opposite direction. These moving ribbons thus transfer the product radially as well as laterally through the machine in order to ensure an efficient blending action.



The design is such that these blenders are easy to operate, load and discharge and they are easy to clean.

