Sift-N-Blend®

Patented: US 8,827,545; US 8,235,582; EP 2346471

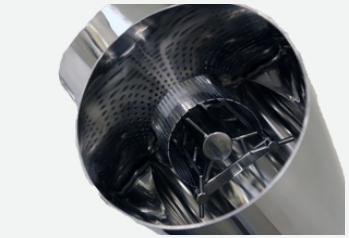
SINGLE STEP SCREENING & BLENDING

GlobePharma is the only company that offers the SIFT-N-BLEND® attachment, which can be used in the place of intensifier bar.

This attachment has a semi-tubular screen, attached to the inside of the blender trunnion, and a paddle inside the screen. The screen, fixed to the vessel, picks up the powder with each rotation of the blender and the rotating paddle pushes the powder through the screen; thus, the powder is passed through the screen multiple times, which yields better content uniformity of the active ingredient, especially if the active ingredient has a small dose and is micronized. The SIFT-N-BLEND® is not only useful for the active ingredients but also with excipients which can agglomerate easily, similar to Silicone Dioxide.This technology is especially suited for even distribution of colors, sweeteners, flavors, etc.

The SIFT-N-BLEND® attachment requires a variable speed drive and works efficiently at significantly lower speeds than an intensifier bar. In contrast to the I-Bar, assembly, installation, disassembly, and cleaning are much easier, as the production size assembly, screens, and the paddle, are designed in multiple segments. This translates to a lighter weight than the one piece I-Bar and allows for easier replacement of pieces.

Sift-N-Blend® screens are available in several mesh sizes and various perforated configurations, and can be used in a wide range of vessels from 4 quart up to 150 cubic foot. Screens with different mesh sizes are interchangeable. .



Sift-N-Blend® , Patented Screening & Blending Attachment

GlobePharma's patented SIFT-N-BLEND® technology facilitates simultaneous screening, milling, and blending, resulting in increased blend uniformity and decreased overall run time, which equates to increased production and decreased costs.

Features

- Available from 4qt through 150 cu ft for all vessel geometries.
- Light weight and simple to attach & detach
- Interchangeable 316SS screens of different mesh & perforated sizes
- More effective at lower speeds than an intensifier bar
- Obtain more uniform and segregation resistant blends
- Shearing action causes agglomerates to breakdown more effectively than an I-bar