



# POWDER BLENDER

In a cylindrical vessel with a flat base, an agitator with a unique profile provides a full, constant and efficient mixing of the entire product.

The Guedu® mixing agitator creates a vortex motion which creates 3 separate mixing effects on the product: division, separation by thin layer and dispersion effects. Charging is done from the top. Discharge is done either through a manual or automatic side discharge door or valve.

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The base of the vessel and the underside of the agitator are completely flat. The unit is built with minimal clearance between the vessel and agitator; to allow full discharge of the product with minimal carry-over between batches.

The construction avoids all dead spaces :

- Agitator profile adapted to suit the product type (solid, liquid, paste)
- Discharge door flush to the inside vessel wall
- Spray ring for product wetting or full wash-in-place

Depending on the device size, the product and the desired efficiency, one or more high-speed lump breakers are installed. Lump breakers can be either side-mounted (through the vessel wall) or top-mounted (retractable device fitted on top of the vessel).



## Questions? We are here to help.

If you'd like to talk with a sales representative about purchasing De Dietrich Process Systems's products and services, you can reach us here.



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