

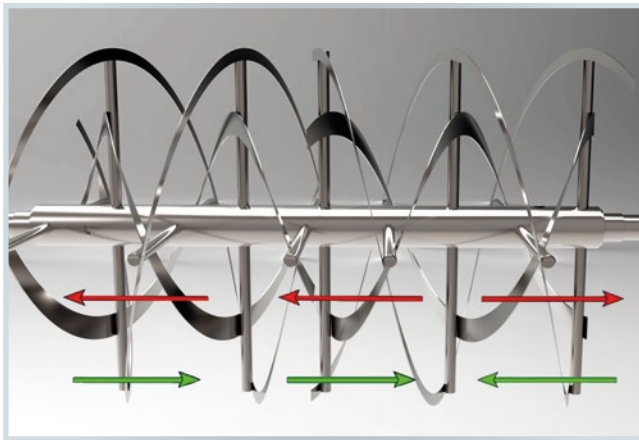
HORIZONTAL RIBBON BLENDERS

FOR THE GENTLE MIXING ASSURING MINIMUM PARTICLE DEGRADATION



Jacketed housing
for indirect
heat exchange

BLENDING AND MIXING SYSTEMS | HORIZONTAL RIBBON BLENDERS
PBI 9.01E | IJD | V16-01



Special advantages of the Horizontal Ribbon Blender:

- Customized design
- Mixing accuracy of 1:100 000 and larger
- Gentle mixing assuring minimum particle degradation
- Jacketed housing for indirect heat exchange
- Large doors for cleaning & inspection
- Usable for dry powders, pastes, doughs & wet components
- High-end surface finish
- Sturdy design

Functional principle:

Horizontal ribbon blenders achieve an excellent mixing accuracy and minimum particle degradation by means of helical spiral-ribbons creating a three-dimensional "cross-flow" inside the mixer.

The helical spiral positioned in the center of the horizontal blender transports the material in the opposite direction than the outer spiral transporting the peripheral material. When the mixing process is finished the homogeneous product is discharged from the mixing chamber through outlet flaps.

The optional jacketed housing design makes these blenders ideal for the usage as an indirect heat exchanger (heating, cooling, drying). Large cleaning doors allow quick and comfortable access for cleaning and inspection.

Various sizes and design features allow custom designed solutions for specific material characteristics. Large cleanout doors guarantee quick cleaning and inspection.

Design:

- Customized design
- Usable for dry powders and minor liquid components
- Mixing accuracy of 1:100 000 and larger
- Fast and intensive mixing
- Hygienic design with large doors for cleaning & inspection
- In stainless steel, material AISI 304
- Surface: pickled and passivated

Option:

- Specially tailored designs for the foods-, animal feed-, chemical and plastics-industries
- Jacketed housing for indirect heat exchange
- Electropolished internal surface
- Dust explosion rated design (ATEX)

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