



OptimaBlend[®] 1P5 Sanitary Fluidizing Paddle Blender

- 1.5 ft³ small-scale batch mixer
- Mechanical fluidizing mixing action
- Mix in as little as 60 seconds
- Low coefficient of variation (CV)

Ideal for lab work, R&D, and small-scale production

- Blending / Mixing
- Homogenizing
- Coating
- Liquid dispersion

Examples of applications:

- Seasonings / flavorings
- Bakery premix
- Coffee and tea blends
- Soup mix
- Snacks and trail mix
- Whey protein powders
- Nutritional supplements
- Animal feed



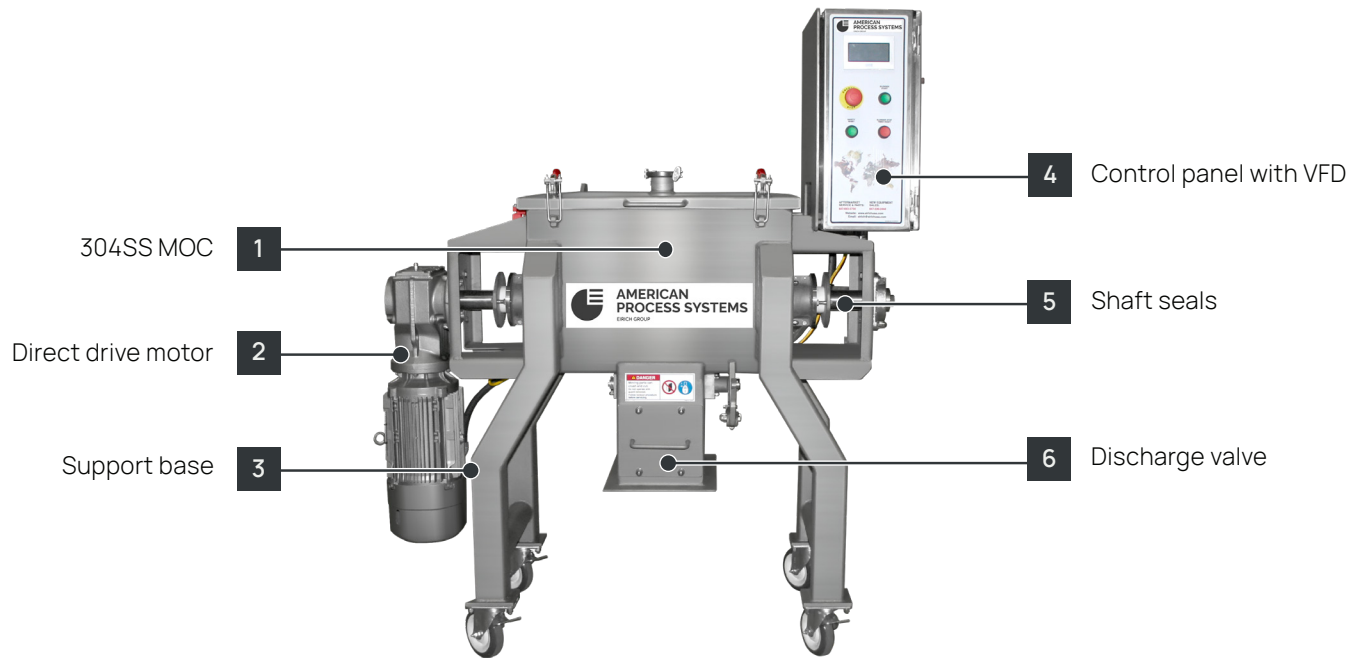
Also available for lab trials or rental

Design features & technology benefits

- Ideal replacement for ribbon or paddle blenders
- High efficiency design
- Low shear
- High particle movement
- No over mixing
- Reproducible and scalable



OptimaBlend® 1P5-FPB Materials & Specifications



1. Standard body materials

304 stainless steel, bead blasted exterior.
All internal materials are ground smooth and polished.
Tank dimensions: 14"D x 24"L x 21"H.

2. Direct drive motor

3HP, 230V/1Ph/60Hz. Direct drive motor with reducer and safety break.

3. Support base

Low profile 304 stainless steel frame with casters and 15 1/4" discharge clearance.

4. Control panel with VFD

NEMA 4X enclosure. Programmable timer, speed sensor, and kilowatt readout.

5. Shaft seals

Two (2) split, removable stainless steel packing glands with braided Teflon packing.

6. Discharge valve

4" diameter manually actuated 304 stainless steel flush plug valve with over-toggle design.

Options

- Bar grating
- Spray nozzle
- #4 or #4A interior finish
- Bead, flange, or flare inlets
- Cart that fits under discharge valve



Eirich Machines, part of worldwide Eirich Group, is an international supplier of machinery, systems, and services for material processing. With the two product lines EIRICH and American Process Systems® (APS), we offer the most comprehensive range of mixers, blenders, pelletizers, dryers, and grinding mills.

Our APS product line includes:

- Fluidizing Paddle Blenders
- Ribbon Blenders
- Paddle-Ribbon Blenders
- Paddle Blenders
- Plow Blenders
- Dryers/Reactors



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