



## OptimaBlend® 1P5 Sanitary Fluidizing Paddle Blender

- 1.5 ft<sup>3</sup> 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



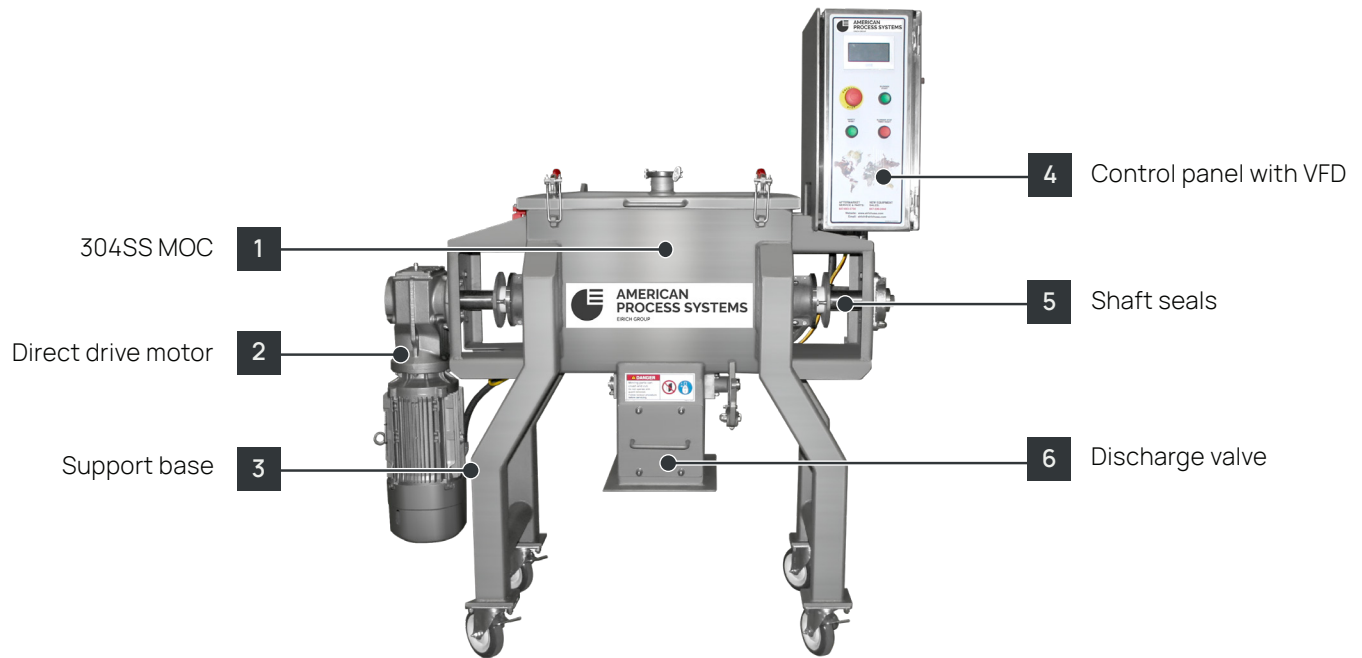
**Also available for lab trials or rental**

### 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:

- OptimaBlend® Fluidizing Paddle Blenders
- OptimalBlend™ Fluidizing Zone Mixers
- Ribbon Blenders
- Paddle-Ribbon Blenders
- Paddle Blenders
- Plow Blenders
- Dryers/Reactors



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