

Ampco Pumps Company

Product Introduction

The NEW AC+ Dry Blender



TYPICAL APPLICATIONS

- Dairy - reconstituted powdered milk, butter-milk, ice cream mix, whey protein
- Food - pudding, chip dip, pizza sauce, stabilizer addition, powdered egg, starches and gums
- Beverage - concentrates, flavor additions, vitamin drinks
- Personal Care - soap blends, cosmetics, lotions, hair gels, tooth paste
- Chemical - herbicide agents, film solutions, fertilizer, biodiesel
- Pharmaceutical - active ingredient blends, cough syrups, tablet coatings

Ampco's new AC+ Dry Blender uses the proven design of a "tube within a tube" and a centrifugal pump but with the improved shaft and threaded impeller nut construction of the AC+ pump. Ampco now offers three models, the AC+2116, AC+3218, and the AC+4329 to meet your powder blending needs.

The AC+2116 blender has a powder addition rate of up to 50 pounds per minute (23kg/min) with a normal liquid flow rate of 40 GPM (9.1 m³/hr).

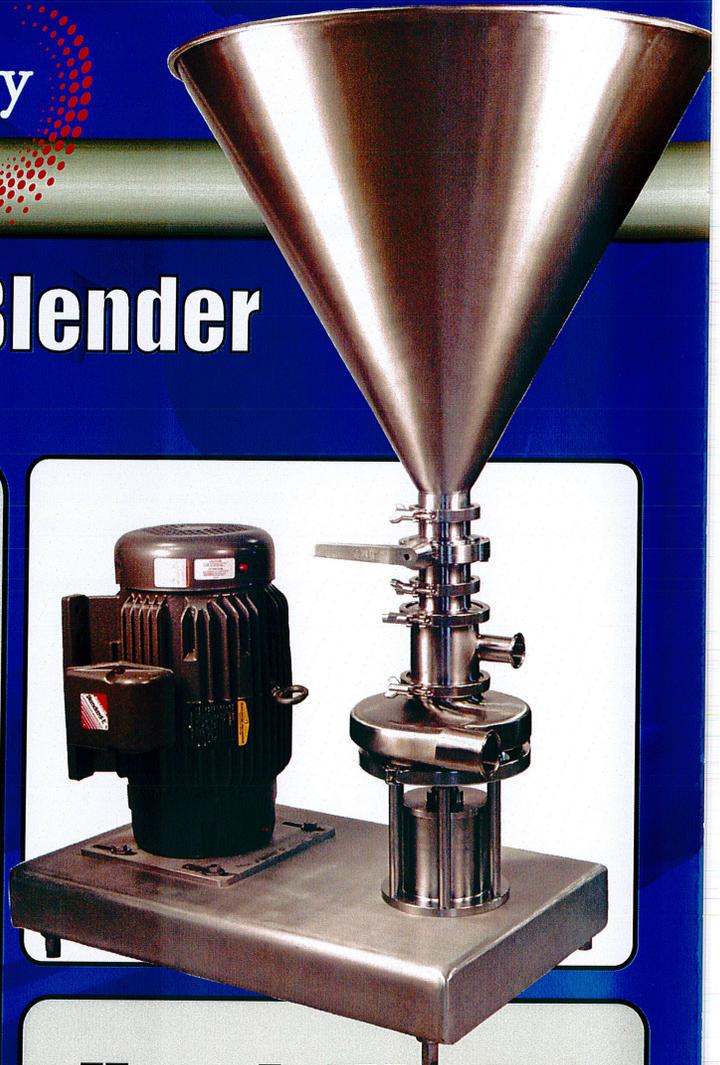
The AC+3218 blender has a powder addition rate of 100 pounds per minute (45kg/min) with a normal liquid addition rate of 110 GPM. (25 m³/hr).

The powder addition rate for the AC+4329 is up to 350 lbs (159 kg) per minute with a normal liquid addition rate of 130 GPM (29.5 m³/hr).

All wetted components are 316L stainless steel.

Blenders run up to 25 feet of discharge pressure. Pressures above 25 ft require a discharge pump.

Hoppers available in sixty degree, 304 stainless steel.



How It Works

Powder is introduced through the inner tube while the liquid flows through the outer tube to the mixing chamber. Because the liquid enters the chamber in the same direction as the impeller rotation, the flow is accelerated with minimal splashing. An inner screen creates back pressure, moving the liquid down and creating a natural suction into which the dry ingredient is introduced by opening the butterfly valve.

AC+ Blenders are also suitable for liquid to liquid applications.

Rental blenders available for trial. Six week delivery.

Options include cart or base mounting, supply and discharge pump, control packages, and automatic feeds. Contact Ampco Pumps Company for your blender quote or assistance with a complete blending system.

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