AMPCO APPLIED PRODUCTS

SHEAR-blend

Portable Powder Induction System — With Options

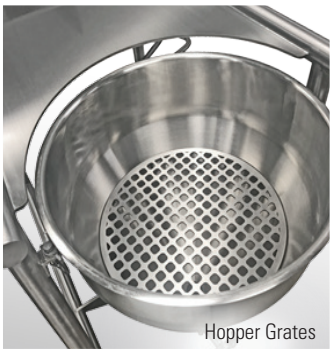
The SHEAR-blend system is an economical solution for moderate powder induction applications and fluid pumping in one.

To accomplish this the SHEAR-blend is equipped with Ampco Applied Products in-line SBI shear pump that works together with a custom induction elbow to create vacuum generating powder induction rates of 70 lbs/minute — 600 lbs/minute, depending on the model size.

The SHEAR-blend system comes complete with a stainless steel tabletop and removable 304SS hopper. It is fully CIP-able and is available in 5 model sizes with custom options to fit your process.

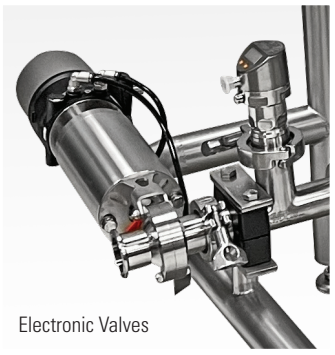
CUSTOM OPTIONS INCLUDE:

- Hopper Shaker
- Custom Valves
- Whirlpool Hopper
- Explosion Proof VFD and motors
- Bag Filler Attachment
- VFD
- Casters
- Powder Screens
- Hopper Lids
- 316SS Hopper
- 2 Seal Options

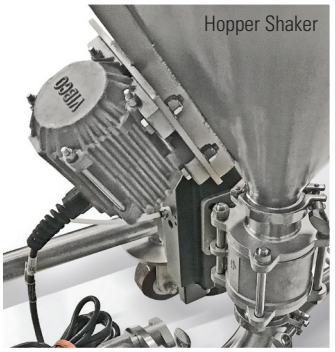


Hopper Grates

Explosion Proof VFD and Motors



Electronic Valves



Hopper Shaker

Whirl Pool Hopper

Bulk Bag Connector

SHEAR-BLEND / 5 AVAILABLE MODELS

Model	MAX Powder Induction Rate	Flow Rate	Motor HP	Motor Phase	Motor Speed
PIR10	70 lbs / minute 32kg / minute	60 GPM 227 LPM	5 HP 3.7 KW	3	3600 RPM 3000 RPM
PIR15	100 lbs / minute 45kg / minute	75 GPM 283 LPM	7.5 HP 5.5 KW	3	3600 RPM 3000 RPM
PIR20	125 lbs / minute 57kg / minute	125 GPM 473 LPM	10 HP 7.4 KW	3	3600 RPM 3000 RPM
PIV520	250 lbs / minute 113kg / minute	175 GPM 662 LPM	25 HP 18.6 KW	3	3600 RPM 3000 RPM
PIV530	600 lbs / minute 272kg / minute	225 GPM 852 LPM	40 HP 29.8 KW	3	3600 RPM 3000 RPM

SBI SHEAR PUMP / OVERVIEW

The SBI Series pumps and blends product in a single stage. This innovative design can move product and create considerable pressure by way of a hybrid impeller. The fine-tuned impeller design – used in combination with two rows of rectangular shear teeth – can attain amazing performance levels. The SBI shear pump offers two front-loading seal options.

When combined with the SHEAR-blends custom induction elbow it creates vacuum generating powder induction rates that range from 70lbs / minute to 600 lbs / minute depending on model size.

Ampco Pumps Company
2045 W. Mill Road
Glendale, WI 53209
Phone: 800.737.8671
www.ampcopumps.com
info@ampcopumps.com

Gewerbepark West II 7
76863 Herxheim Germany
Phone: +49 7276 5058515
info@ampcopumps.de
Ampco Pumps GmbH