

NOW AVAILABLE AT HARCO



POWDER INDUCTION SYSTEM

SHEAR-blend

SHEAR-blend portable tabletop hopper system is designed for ergonomic small batch blending where shear is required but a larger two pump system is unnecessary. The SHEAR-blend system combines powder induction and fluid pumping as an economical solution to moderate powder induction applications. The combination of shear teeth and pumping vanes on the Ampco SBI blender efficiently shear and pump the product. The SBI and elbow are fully CIP-able and come in multiple sizes based on application requirements. The unit comes complete with a stainless steel tabletop and removable 304SS hopper. Custom options are available, including VFD, cart options, lids, powder screens, 316SS hopper and more.



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SHEAR-blend Features

- Combination integrated impeller and dynamic shear teeth
- Pump and blend in a single stage
- 304 stainless steel adapter
- Dynamically balanced impeller
- 316L wetted parts
- 316L stainless steel shaft

**For more information, call
1-800-361-5361 or e-mail
sales@harco.on.ca.**

Max Flow Rate: 300 GPM / 68 M³/hr

Max Powder Induction Rate: 200 lbs/min / 91 kg/min

SPECIFICATION	SHEAR-blend	POWDER-max	DRY-blend	SIMPLE-blend
Ideal operating flow rate (low viscosity)	50 – 510 GPM 11 – 116 m ³ /hr	30 – 210 GPM 7 – 48 m ³ /hr	40 – 150 GPM 9 – 34 m ³ /hr	30 – 210 GPM 7 – 48 m ³ /hr
Powder feed rates (highly soluble)	Up to 150#/min 68 kg/min	Up to 300#/min 136 kg/min	Up to 150#/min 159 kg/min	Up to 300#/min 147 kg/min
Maximum viscosity	1000 cPs	2500 cPs*	2500 cPs*	2500 cPs*
Dynamic shearing teeth	Yes	Yes	No	No

* May require a supply or take-away pump

