

NOW AVAILABLE AT HARCO



# POWDER INDUCTION SYSTEM

## SIMPLE-blend

SIMPLE-blend from Ampco is a lower cost option with a simplified design. The system is designed to induce powders at a highly efficient rate with minimal shear. An Ampco SP Series pump powers this unit and the self-priming SP provides the suction for the induction process. A typical application for the SIMPLE-blend unit would require little to no shear and induce easily dissolved products.

These units can be completely customized per application and process layout. Contact Ampco today to discuss your application with a member of the Ampco Applied Products team.



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### SIMPLE-blend Features

- SP liquid ring pump
- 304 stainless steel base material
- 316L wetted parts
- Motor starter – NEMA 4X / VFD upon request
- Stainless steel casters
- Powder control valve
- Fluid control valve

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

**Max Flow Rate:** 350 GPM / 79.5 M3/hr

**Max Powder Induction Rate:** 700 lbs/min / 318 kg/min

SPECIFICATION	SHEAR-blend	POWDER-max	DRY-blend	SIMPLE-blend
Ideal operating flow rate (low viscosity)	50 – 510 GPM 11 – 116 m3/hr	30 – 210 GPM 7 – 48 m3/hr	40 – 150 GPM 9 – 34 m3/hr	30 – 210 GPM 7 – 48 m3/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

