

SIMPLE-blend

POWDER INDUCTION SYSTEM

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.



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

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

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

www.harcosupply.com

675 The Parkway,
Peterborough, Ontario K9J 7K2

**800-361-5361
705-743-5361
sales@harco.on.ca**