

# POWDER-max

## POWDER INDUCTION SYSTEM

The POWDER-max by Ampco Applied Products reduces processing time and provides optimal product consistency with no batch size limitations. The fully customizable streamlined and operator-friendly POWDER-max safely allows for the quick blending of wet and dry ingredients in a single, fully portable unit. Our innovative CIP-able POWDER-max features an ergonomically designed tabletop and combines Ampco's SP Series liquid ring pump and High Shear Blender in-line to facilitate limitless production runs. The fully sanitary design is suitable for food, beverage, pharmaceutical and chemical applications.

*Five standard models are available and POWDER-max can be customized for a multitude of processing requirements. Options include: hopper covers, hopper screens, pneumatic valves, explosion proof options, bulk bag connectors, table designs and ZP Series circumferential piston pumps for higher viscosities.*

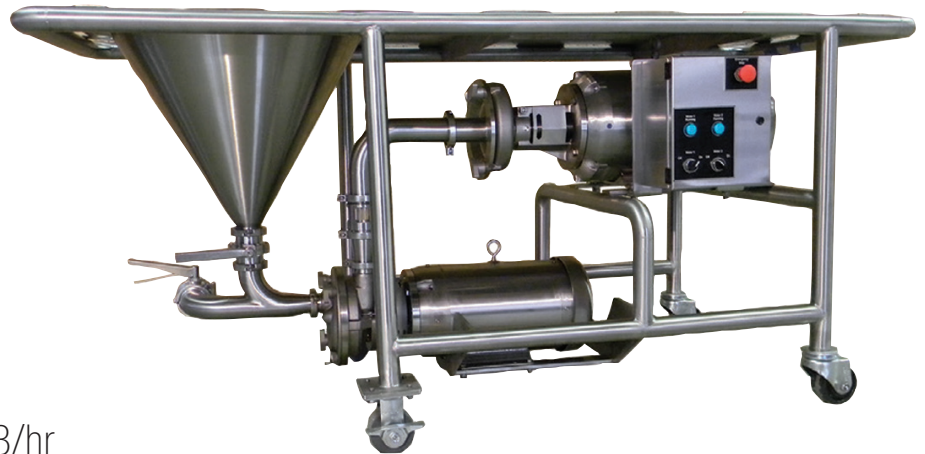


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### POWDER-max Standard Features

- Model SP liquid ring pump
- Ampco shear blender or mixer
- 304 stainless steel base material
- 316L wetted parts
- Dual motor starter – NEMA 4X
- 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.**

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