

# VELOBLEND MVP SERIES

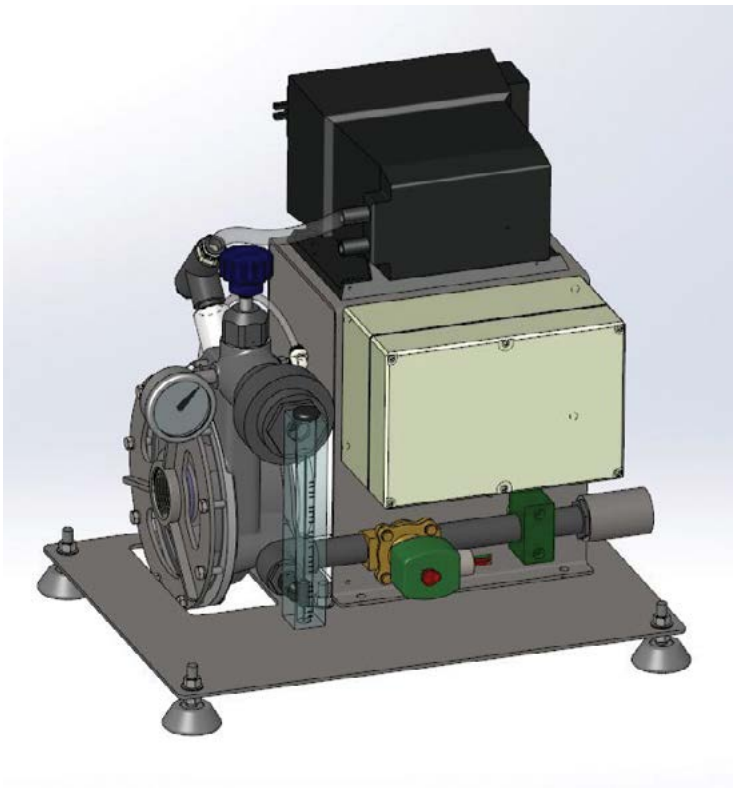
Advanced Liquid Polymer Activation Technologies

*The result of over 30 years pursuing optimum polymer performance and system reliability.*

## AS IT TURNS OUT, IT IS POSSIBLE TO PATENT “AND”

While the rest of the polymer equipment industry was engaged in a mechanical versus non-mechanical system debate, VeloDyne developed the next generation of advanced polymer activation technologies, a hybrid of the two approaches:

The VeloBlend's first stage perfects the use of hydro-dynamic, non-mechanical mixing energy, while the second hydro-mechanical stage eliminates the biggest drawback to non-mechanical blending—its reliance on water pressure. The VeloBlend™ hybrid polymer activation technology combines the reliability of hydro-dynamic, non-mechanical mixing energy with controllable, variable speed hydro-mechanical mixing energy to provide precise control of mixing conditions, allowing optimal performance of any polymer available.



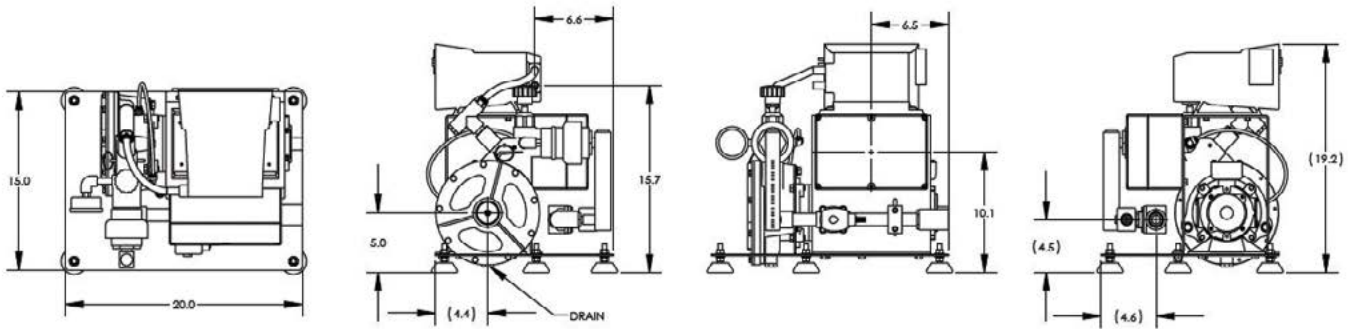
VELDYNE

*A company driven to deliver the very best Polymer Blending, Chemical Feed, and Bulk Solids Handling Systems, fueled by constantly asking, “What If?”*

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## VELOBLEND SYSTEM DIMENSIONS



### Select Your VeloBlend Model:

SERIES	NOMINAL POLYMER RANGE GPH*	WATER RANGE SELECTION GPM
MVP-0.5PS-60	0.05 to 0.5	0.1 to 1
MVP-1PS-120	0.1 to 1	0.2 to 2
MVP-2PS-300	0.2 to 2	0.5 to 5
MVP-4PS-600	0.4 to 4	1 to 10

\*Note: Peristaltic pump rates based on nominal catalog specifications and may be reduced due to polymer viscosity, pump suction conditions and or discharge pressures.

### KEY FEATURES & BENEFITS:

- Hybrid, hydro-mechanical activation technology
  - Non-mechanical mixing energy blends & activates polymer with water pressure as low as 30 psiD
  - Variable intensity, controllable mixing energy available to optimize polymer activation independent of water pressure or flow
- Quick-access, reliable check valve
- Stainless steel mixing chamber with clear cover
- Compact Stainless Steel Skid
- Optional Wall Mounting Shelf
- Controls:
  - Local Start / Stop
  - Remote Start / Stop
  - Variable Mixing Energy Control
  - 4-20mA Metering Pump Pacing



VeloDyneSystems.com



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Phone: 303-530-3298  
E-Mail: Sales@VeloDyneSystems.com