

VELODYNE PROFILE & CAPABILITIES



What happens when you build a company around the question, 'What If?'

The short answer is, you get a company like VeloDyne. Our products deliver superior results because of our almost obsessive nature for optimizing everything that goes into designing, building, installing and supporting our systems. We are driven by a deep understanding of maximizing polymer activation, chemical processing and bulk solids handling, and how this relates to industrial process and to water and wastewater treatment as a whole. We also know what's important to the people behind the systems, which heavily influences everything we do. When something isn't right, we look to fix the problem. When everything's working smoothly, we look for ways to make things work better. It's just who we are, and it's an approach to business that has served us well for more than 30 years in the industry.

SERVICES

Sales Team

- Chemical metering, mixing and activation, material handling and process systems consulting

Engineering

- System Integration & Design
- Mechanical Engineering & Design
- Electrical Engineering & Design
- Controls Programming
- Research & Development

Manufacturing

- Facilities: 24,000 sq. ft. Fabrication, Manufacturing and Systems Assembly
- UL & CUL Certified Control Panel Shop (CSA capable)
- Hydraulic, Electrical & Mechanical Testing

Customer Service & Technical Support

- Equipment Start-Up
- Equipment Service & Repair
- On-Site Equipment Refurbishment
- Mechanical, Electrical and System Trouble Shooting
- Process Optimization Consulting
- Spare Parts

PRODUCTS

• Auger Feeders

- Volumetric
- Gravimetric
- Loss-In-Weight

• Polymer Activation Systems

- VeloBlend (Liquid)
- HydraMax (Dry)
- ProBatch (Dry)

• Storage & Feed Systems

- Silos
- Bulk Bag Unloaders
- Hoppers
- Containers
- Lime Slakers (Retention & High Density)
- Polymer Make Down

• Dissolving

- Mix Tanks
- Wetting Cones/Bowls

• Solution/Slurry Metering Systems

- Progressive Cavity
- Peristaltic & Hose
- Diaphragm
- Booster Systems
- Secondary Dilution Systems
- Single to multi-pump designs

• Conveyors

- Tube
- Flexible
- Trough
- Micro

• System Controls

- Programming
- Design
- Assembly
- UL, CUL, and CSA control panel certifications available

Installed Projects

- 3,000 and counting...



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

VELODYNE-THE “WHAT IF?” COMPANY

Company Profile & Capabilities

EQUIPMENT AND CAPABILITIES



Liquid and Dry Polymer Blending and Activation

- Liquid (Rates up to 600 GPM solution)
- Dry (rates up to 1000#/hr)



Solution / Slurry Metering Systems

- Progressive Cavity
- Peristaltic / Hose
- Diaphragm
- Single and multi-pump skids



Silo Systems

- Bulk Dry Storage System
- Efficient Delivery
- Reduce Installation and Startup Cost
- Custom Feed Equipment



Containerized Systems

- Process System
- Mobile or Stationary Structure
- Reduce Installation and Startup Cost
- Custom Feed Equipment



Bulk Bag Systems

- Dry Product Storage
- Dry Product Feed/Dissolving
- Mix Tank or Wetting Cone
- Hoist or Fork Lift
- Dust Control
- Feed/Transfer Options



Tube Conveyors

- Horizontal or Incline Conveyance
- Easy Screw Removal
- 4”-6” Standard Screw OD
- Custom Sizes and Options



Manual Bag Systems

- Dry Product Feed/dissolving
- Mix Tank or Wetting Cone
- Manual Loading
- Dust Control
- Feed/Transfer Options



Trough Conveyors

- Horizontal or Incline Conveyance
- 6”-10” Standard Screw OD
- Custom Sizes and Options
- Clean Out Ports Available



Barracuda Volumetric Feeders

- Volumetric Screw Feeders
- Loss in Weight Feeders
- 1-2% Accuracy
- Direct Drive Assembly
- Easy Auger Removal



Flexible Conveyors

- Bag, Bin, or Hopper Filling
- Chemical Processing
- Easy Screw Removal
- 2”-6” Standard Helix Screw OD
- Up to 15’ Discharge Height



Control Systems

- Turn Key Solutions
- Control Design
- Programming
- UL & CUL Certified
- In House Assembly
- CSA capable



Micro Conveyors

- Low Feed Rate Applications
- Great for Biomass Materials
- Up to 2” Screw OD
- Cooling Jacket



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