



**POLEDUC**  
DRY POLYMER MAKEDOWN SYSTEMS

- *Reliable*
- *Clean, Dust-Free Operation*
- *Uniform, High Quality Output*
- *Rugged Design*
- *Handles All Powders*
- *Technical Service Programs*



## **AF Series Pol-E-Duc Dry Polymer Makedown System**

*Feeder Unit, Mix Tank, Feed Tank, Transfer and Feed Pumps*

### **Reliable... Clean... Dust Free... Dry Powder Makedown Systems**

Incorporating the best in design, the Pol-E-Duc series is your tool for efficient dry powder makedowns. From our unique high energy PowerDown Eductor, to full state-of-the-art PLC controls, the system has been engineered to be the benchmark for reliability and trouble free performance. In our PowerDown Eductor, materials are fully dispersed upon initial contact with the water stream - polymers are fully activated and free of wasteful "fish-eyes". Since the powder transfer is done by vacuum, leaks are drawn *into* the system, effectively preventing the spread of airborne particles - an important factor in maintaining a clean work area. Besides the operational benefits, the Pol-E-Duc system lets you take advantage of the economic edge dry polymers provide - substantial price savings per active pound, ease of storage and handling, and dry polymer's chemical performance edge.

**ProFlow Inc**



**POLEEDUC**  
DRY POLYMER MAKEDOWN SYSTEMS

## The Pol-E-Duc Benefits Add Up In Your Favor...

**Wide Range of Capacities:**  
*25 Pounds/Day Upwards*

**Modular Design:**  
*Minimal Floor Space*

**Options Available to  
Meet Your Process  
Requirements:**

- *Tankage*
- *Level Controls*
- *Programming*
- *Material Handling*
- *Transfer Pumps*

ISO 9001 Certified



TUV Rheinland  
of North America



RvC  
Accreditation

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**Uniform, Consistent Product** The high energy within the eductor assures fully dispersed material - polymers are fully activated and free of "fish-eyes" - difficult-to-wet powders are smooth, uniform slurries, free of agglomerates and lumps.

**Safety and Cleanliness** Since the system works by vacuum, any powder leaks are drawn in to the unit, effectively eliminating the spread of airborne particles. Workplaces stay cleaner: safety performance in dealing with potentially harmful dusts is enhanced.

**Process Stability** Automated controls assure tight control over all operating parameters during the makedown and from batch to batch - lower process variability - uniform, consistent quality lets you optimize application rates.

**Dependability** All Pol-E-Duc systems incorporate rugged components and proven designs that come from ProFlow's years of experience in building critical fluid handling systems for the paper industry. All systems use the PowerDown Eductor which has provided reliable, trouble free service in hundreds of applications.

**Support** Detailed manual simplifies operation and maintenance. Start-up service, remote modem diagnostics, onboard help screens and on call, round the clock emergency service promote peak productivity.

**Design Options** The Pol-E-Duc series is available in a wide range of configurations and capacities to meet your exacting process requirements. We offer standard models ranging from small manual units delivering less than 100 pounds per day up to fully automated systems capable of making down several tons per day.

**Controls and Programming** The series offers a wide range of control options, including PLC based controls which can be integrated with the mills DCS. Localized operations can be monitored and carried out at the Operator Interface Terminal.

**Versatile** The Pol-E-Duc is equally efficient in making down all dry polymers, as well as difficult-to-wet powders such as clays, silicas, bentonite, fillers and pigments.

**Results** Pol-E-Duc is your answer to dry polymer and powder makedown problems. Rugged components - proven design and the ProFlow commitment to quality and service all add up to a system that will provide years of trouble free, reliable operation.

### ***ProFlow...***

*Providing critical process equipment to the paper industry for over 20 years.  
Our presence in hundreds of mills worldwide, confirms our ability to  
exceed our customer's expectations - every job, every time.*

***When the system must be right... ProFlow.***