

ZERODAY®

## Z ChemGear™ D Series Dry Polymer Make Down and Feed Systems

Zeroday developed the reliable, economical and automated **Z ChemGear™ D Series** dry polymer mix/feed equipment line for small to medium sized applications. The Z ChemGear™ D Series products can make a switch from emulsion to a dry polymer a positive economic decision. These are specifically designed for fast “plug and play” setup, trouble free operation, providing highly reliable performance, consistently making down excellent quality polymer solutions, and are fully automated to minimize operator attention and ensure reliability.

Putting these units into service simply requires placing the fully skid mounted unit in place, plumbing a single water connection to the unit and connecting electrical power to the power/control box. You can be up and running producing consistent and excellent polymer solutions in as little as one (1) hour whether you are replacing your existing dry mix/feed system or converting to a dry polymer from an emulsion.

A Z ChemGear D Series package finally makes the switch from emulsion to dry polymer products with significant polymer cost savings not only economically possible but now a practical possibility. Typically customers obtain 35-40% cost savings with dry polymers but the issue posed in making the switch, particularly for smaller to medium sized applications, is finding, installing and operating an economical, reliable and automated dry polymer mix/feed system that allows you to gain these economic benefits.

Zeroday developed the D Series product line specifically to allow our customers to capture this important polymer cost savings opportunity while at the same time giving you a solid ROI return on your total investment.

If a capital expenditure is not possible at the present time, Zeroday has developed a financing option for you through our Z Flex™ program. Financing is available for replacing inadequate or obsolete equipment or to convert to dry polymer use. Dry polymers provide significant cost



Z ChemGear D50



Z ChemGear D125



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savings; in many cases the cost savings is greater than the monthly lease-purchase cost. This makes the polymer switch from an emulsion to a dry product an economically viable and feasible option.

The Z ChemGear D Series units are easy to install and use so our customers can immediately obtain effective and consistent dry polymer makedown operation and, if switching to dry from emulsion polymer, to immediately capture this important cost savings opportunity. The Z ChemGear D Series product line includes range of makedown capacity models:

Z ChemGear Model	Lb/hour (kg/hour) make down rate (maximum)	Lb/day (kg/day) on 24 hour basis (maximum)
D 50	3.1 (1.4)	75 (34)
D 125	14.6 (6.6)	350 (159)
D 200	50.0 (22.7)	1200 (544)

NOTE: When making 0.35% flocculant concentrations; higher or lower concentrations will increase or decrease polymer makedown rates.

The D Series packages can be tailored to meet our customer’s specific requirements with the following equipment options:

- Stairs (rather than the standard ladder).
- Small sack (55 lb) or supersack (large bag).
- Voltage power options: 110, 220/240, 440.
- Solution polymer pump sizes.
- Remote solution polymer feed pump control.
- Multiple solution feed pumps to different points.

Additionally, Zeroday supplies a complete line of the highest quality, economic dry polymers in the market that are ideally suited for use in our D Series equipment line. Whether you are replacing an existing dry makedown system or making a switch from emulsion to dry polymers, Zeroday can specify and supply you an effective and cost efficient dry polymer with your system if needed.

Contact Zeroday Enterprises to obtain more information, a quotation and a rate of return analysis of converting to dry polymer for your application.



Z ChemGear D200