

SNF FLOQUIP

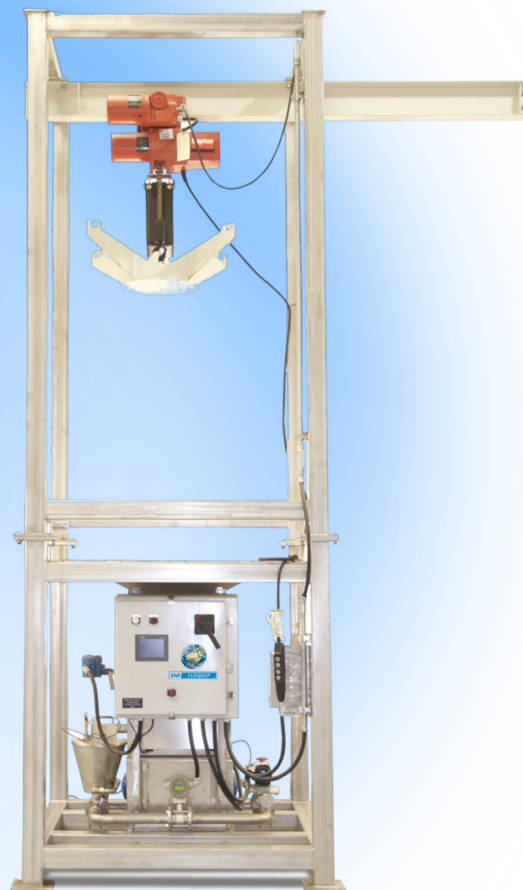
THE D SERIES DRY POLYMER PREPARATION SYSTEMS



MODEL DH



MODEL DBF



MODEL DBH

The SNF FLOQUIP® Dry Polymer Preparation Systems are built for simple, low maintenance operation. Years of field experience with dry polymer preparation combined with the knowledge of the leading manufacturer of water-soluble polymers is incorporated into every design.

The D Series systems readily store, convey, and hydrate dry powder and bead-grade polymers for the creation of "fish-eye-free" solutions used in a variety of applications. These systems can accommodate anything from 55lb. bags up to large bulk bags of dry polymer. The dry polymer is metered via volumetric feeder into the polymer wetting assembly, where the proper proportion of water and

polymer are mixed together at a pre-set concentration, and for the polymer hydration process to begin. The resulting mixture is then discharged into a mix and aging tank batching system with level controls (to complete the hydration process) before it is injected into the treatment process.

The DH series has a 2 cubic foot hopper for smaller applications utilizing 55lb. bags. For larger applications the DB series is utilized. The DBF unit has a bulk bag support frame that requires a forklift for bulk bag placement. The DBH unit has an integral hoist and gantry assembly for bulk bag placement.

Please contact your SNF Sales or FLOQUIP representative to help determine the best solution for your needs.

THE D SERIES

LIQUID POLYMER PREPARATION SYSTEMS

	MODEL DH	MODEL DBF	MODEL DBH
Dry Polymer Storage	2 cu. ft. capacity	1,200 - 1,800 lbs.	1,200 - 1,800 lbs.
Polymer Package	55 lb. bags	Bulk bags	Bulk bags
Max. Water Flow	100 gpm	100 gpm	100 gpm
Inlet Size	1.50 in. NPT	1.50 in. NPT	1.50 in. NPT
Outlet Size	2.00 in. NPT	2.00 in. NPT	2.00 in. NPT
Dimensions	48"L x 48"W x 53"H	60"L x 60"W x 132"H	60"L x 60"W x 174"H
Weight	450 lbs.	1,370 lbs.	2,020 lbs.

Features

- Simple installation and operation
- Dust-free polymer wetting assembly
 - Low water flow protection
- Manual and automatic operation
 - Automatic rinse cycle
 - Water booster pump (optional)
- Polymer solution transfer pump (optional)
- Supplemental post-dilution assembly (optional)
 - Touchscreen controller (optional)
 - Pneumatic ball valve (optional)
 - Air compressor (optional)

Utility Requirements

- Water: 60-100 gpm and 40-70 psi
- Power: 480 VAC / 3 phase / 60 Hz*
- Air (DBF and DBH): 80 psi / 30 scfm

*Non-standard power requirements available upon request.

