

PolyRex Polymer Feed System

Integrated Dry / Liquid Polymer Feed System

The **PolyRex** is a turn-key automatic feed system for batch-wise preparation and metering of polymer solutions from powdered or liquid chemicals.

The **PolyRex** feeds an adjustable flow of powdered or liquid polymers and an adjustable flow of preparation and dilution water. The **PolyRex** uses a step-by-step mixing system to effectively hydrate and mix the polymer to a homogenous and activated polymer solution. The initial step is the hydration system, where the polymer is wetted, followed by water acceleration in the ejector, and the efficient but gentle agitating in the mixing tank. The **PolyRex** step-by-step mixing system provides you with the most efficient way to produce a polymer solution.

Features & Benefits

- Powder or liquid polymer feeder
- Choice of hydration systems
- Automatic water control
- Preparation/stock tanks in various sizes
- User friendly control logic
- Proven multiscrew technology
- Highly effective static mixer
- Vacuum conveyer option
- Variety of bulk bag handling systems
- Modular, Compact, Reliable design



ProMinent®

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- sign up for our electronic newsletter
- download literature and manuals
- validate your product warranty

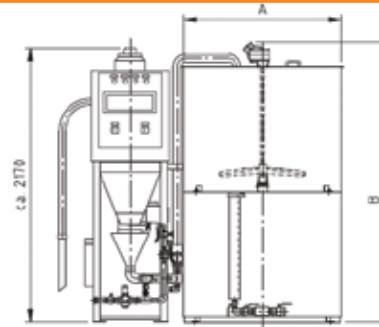
PolyRex_2012.indd rev1 6/6/2012 (pn: 7750417)

PolyRex Polymer Feed System

Technical Data

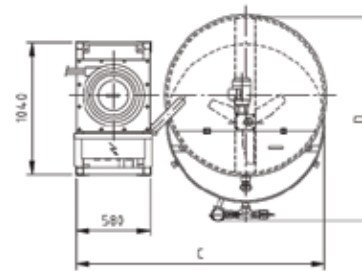
Capacities (lbs/h) Based on 45 - 60 min of aging time

Type	0.5% Solution	0.25% Solution
PolyRex 0.6	2.2 - 2.7	1.1 - 1.3
PolyRex 1.0	4.0 - 5.1	2.0 - 2.4
PolyRex 2.0	8.4 - 10.4	4.2 - 5.0
PolyRex 3.0	11.2 - 14.1	5.5 - 7.1
PolyRex 4.0	17.0 - 20.9	8.4 - 10.4
PolyRex 5.4	21.6 - 26.5	10.8 - 13.2
PolyRex 6.6	28.4 - 35.3	15.0 - 19.0
PolyRex 8.4	34.4 - 42.1	18.3 - 22.9



Dimensions (inches) Approximate

Type	Tank Size	A	B	C	D
PolyRex 0.6	2 x 80 gal	32	58	60	45
PolyRex 1.0	2 x 135 gal	38	67	66	53
PolyRex 2.0	2 x 265 gal	49	88	77	63
PolyRex 3.0	2 x 400 gal	56	88	84	71
PolyRex 4.0	2 x 525 gal	63	109	92	83
PolyRex 5.4	2 x 700 gal	73	109	101	93
PolyRex 6.6	2 x 875 gal	73	129	101	93
PolyRex 8.4	2 x 1100 gal	79	145	106	98



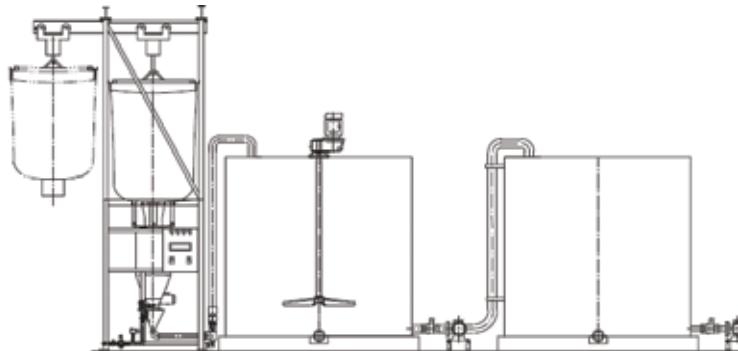
PolyRex with vacuum conveyor

PolyRex MAXI Systems (High Capacity) Approximate

The **PolyRex Maxi** systems are built for high capacity needs, in large waste water plants or in industrial applications.

Capacities (lbs/h)

Type	Tank Size	0.5% Solution	0.25% Solution
PolyRex MAXI 11	2 x 1450 gal	45.6 - 56.2	24.5 - 30.9
PolyRex MAXI 16	2 x 2100 gal	60.4 - 72.8	33.3 - 41.0
PolyRex MAXI 23	2 x 3000 gal	76.7 - 90.4	43.4 - 52.5



PolyRex with big bag station, electrical chain hoist and a telfer beam