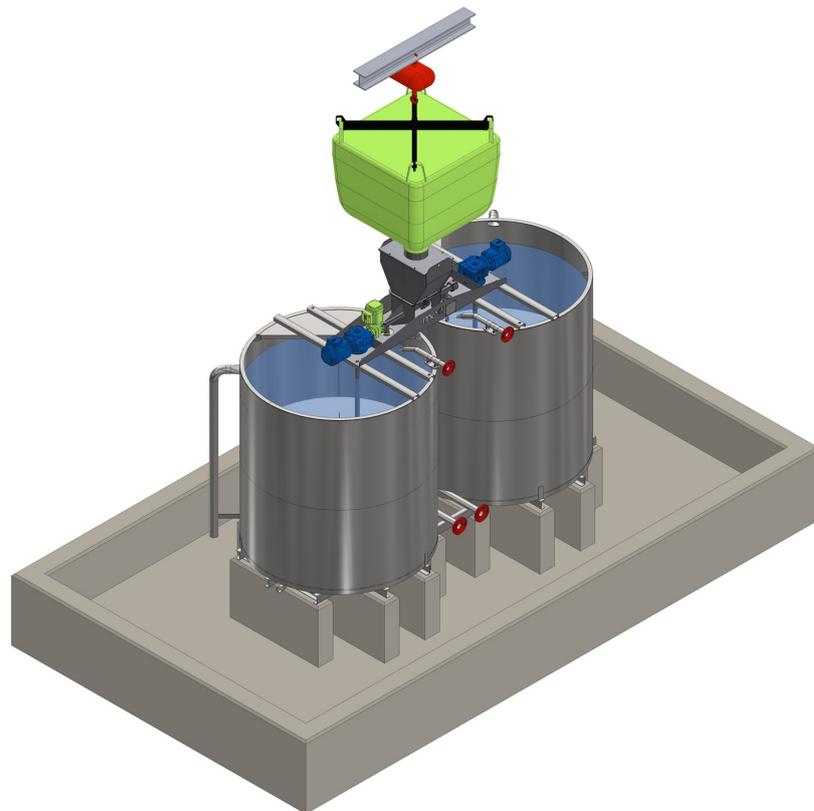


POLYMERI – Chemical Dosing

The advanced automatic pulley Mayor preparation system for medium and high quantities



POLYMERI – Chemical Dosing

Technology

Polymers are used as advanced chemical aids for many different process steps in paper production such as filtration, effluent treatment and many more. Chemical costs for polymers can be significant so with efficient handling logistics and specific polymeric preparation is significant.

The POLYMERI has preparation and mixing chambers which are operated batch wise alternately.

The 1m³ Polymer Powder Big Bag is directly connected to Powder Feed Cone below which lets the powder run into a dosing / metering screw which can rotate in 2 directions, and so with dose powder into batch tank 1 or batch tank 2.

The powder is dosed directly in the inlet water flush during tank filling up to a determined level, corresponding a certified volume.

The water powder ratio can be adjusted automatically by rotation speed and rotation time of the dosing / metering screw.

Polymer dilution and preparation is secured by speed variable dosing / agitators in the tanks

While one tank operates as Polymer Powder dosing, dilution, mixing and aging tank, the other tank is used as storage / pump feed tank for the ready prepared liquid phase polymer.

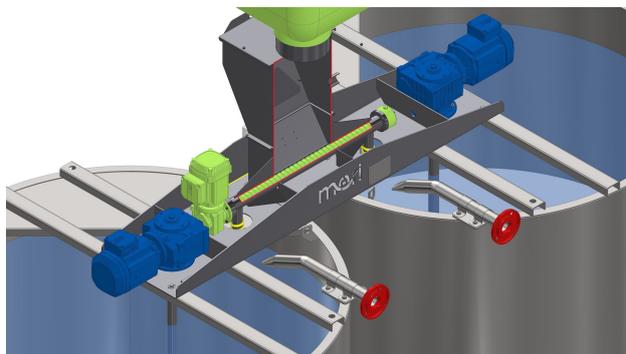
The 2 tanks are operating fully automatic controlled alternately.

Features

- Fully automatic 2 Chamber Batch Polymer Preparation System for continuous operation and medium - super high capacity
- More than 200 Polymeri Large Scale Installations WW
- Preparation of dosing ready Liquid Polymer from Powder Polymer (Big Bag)
- Advanced Control System allows exact preparation and dosing rates to minimize OPEX

Why to buy

- Best available Technology for applications with high preparation and dosing rates (kg/hour, day) fully automatic.
- Full Integration in Customer DCS possible
- Highest possible operational reliability and Chemical Saving
- All Stainless-Steel Design for trouble free operation and extended lifetime



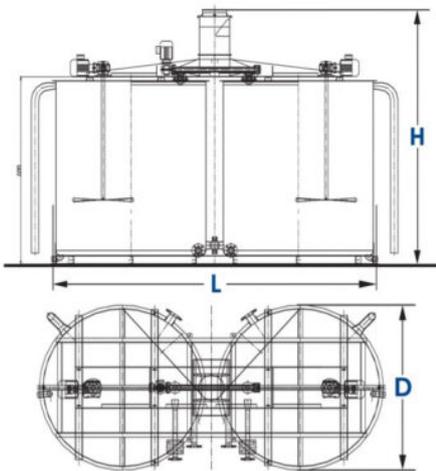
Typical & Proven Process Applications

- Flocculant, Coagulant Preparation for DAF and Sedimentation Applications
- Flocculant Preparation for large scale sludge presses
- Retention aid, and Flocculant Preparation for Stock Prep and PM Applications

See the following Products as well

- DAF Deltapurge, Tauro and all types Sedimentation Clarifiers (CSED, RSED)
- Elephant Filter and Blue Drain
- RSP and MPX Sludge Presses
- Process Applications in Stock Prep and PM

Specifications



Model	L [mm]	W [mm]	H [mm]	Eff. Volume [m ³]
PM 2x1	2900	1250	2250	2
PM 2x2	3300	1450	2400	4
PM 2x3	3500	1500	3000	6
PM 2x4	3800	1700	3000	8
PM 2x5	4100	2000	3200	10
PM 2x8	5200	2250	3500	16



Meri Environmental Solutions GmbH

Bodenseestr. 113
81243 Munich, Germany
Tel. +49 89 59 33 44
info@meri.de

Voith Meri Environmental Solutions, Inc.

2620 E. Glendale Avenue
P.O. Box 1262
Appleton WI 54911-1262, USA
Tel. +1 920 734-8485
info@meriusa.com

Meri Sistemas e Tecnologia Ltda.

R. Friedrich von Voith, 825
São Paulo – SP – 02995-000, Brasil
Tel. +55 11 3944-6644
meribrasil@meribrasil.com.br

**Meri Environmental Technology
(Kunshan) Co.,Ltd.**

No. 665 Jiande Road, Zhangpu Town,
Kunshan City, 215321 Jiangsu Province,
China
Tel. +86 51 28 68 90 834
info@meri.cn

www.meri.de



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