



Dissolved Air Flotation solutions from a single source

Next-Level Rental



Dissolved Air Flotation (DAF) is a proven, effective physical and chemical process for treating various industrial and municipal processes and wastewater.

Xylem RT Rental DAF systems are designed to efficiently remove Total Suspended Solids (TSS), Biochemical Oxygen Demand (BOD), and Fats, Oils and Greases (FOG) from wastewater streams.

DAF systems are commonly used to meet a variety of treatment goals:

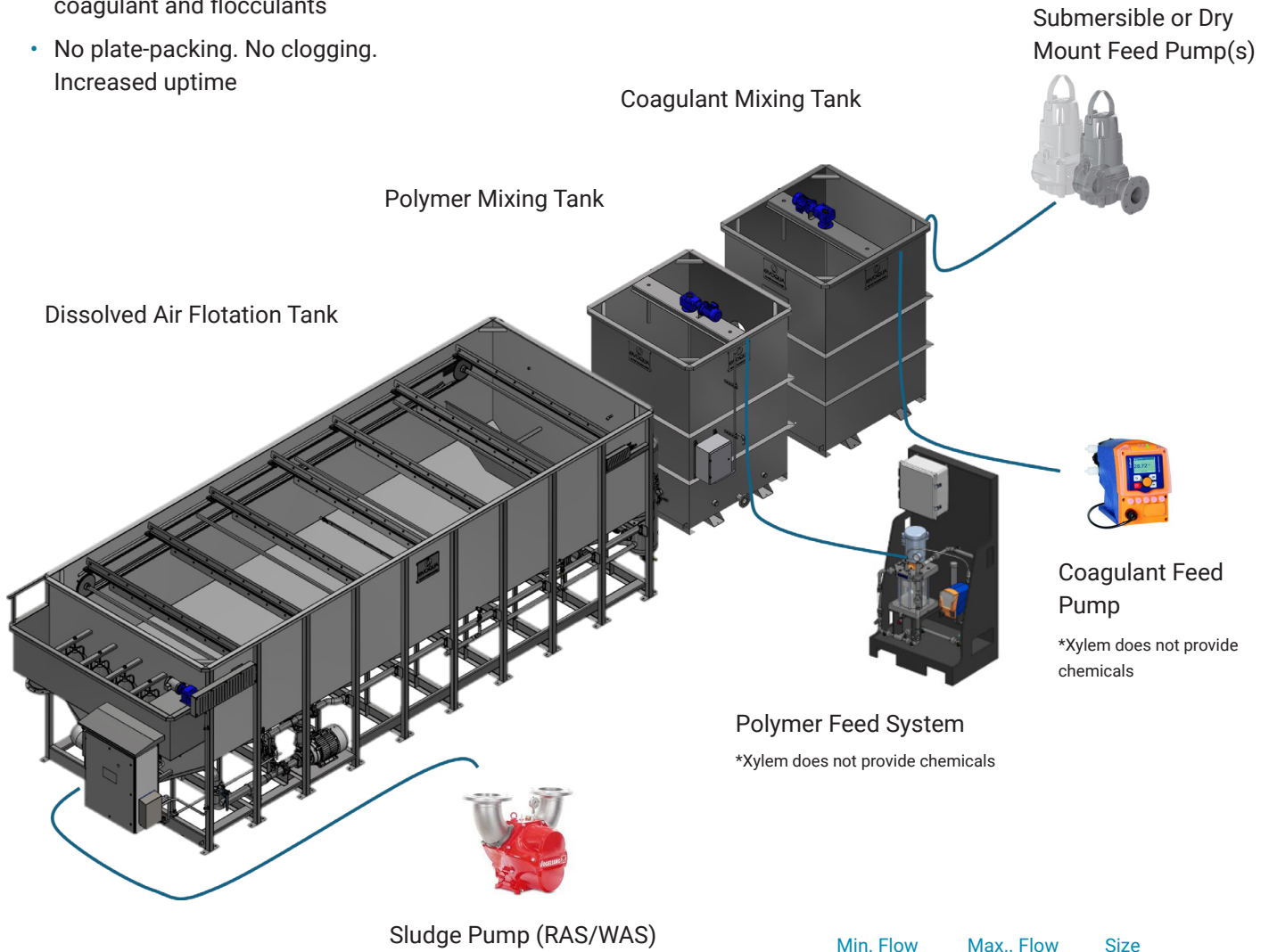
- Thickening of biosolids
- Product recovery from wastewater
- Treatment of industrial wastewater to meet site discharge limits
- Polishing of biological treatment effluent (algae and phosphorous removal)
- Pretreatment to reduce loading on downstream
- biological treatment systems
- Clarification of bio-solids, downstream of aerobic and anaerobic treatment
- Removal of fat, oil and grease
- Temporary treatment of biosolids during harvest seasons
- Removal of metals and fines
- Removing proteins from slaughter house wastewater

Pilot testing and rapid response

Our DAF systems can serve as pilots to determine permanent specifications, and we offer rapid, on-site deployment through rental or short-term contracts when needed.

Key Features:

- Rugged, heavy gauge, stainless-steel tank and hydraulics
- Automated float hopper, settled solids auger, and RAS pump
- Integral flocculation tube, equipped with three (3) chemical injection ports - designed for optimal mixing of coagulant and flocculants
- Also available with stainless flocculation mixing tanks – for additional process equalization and efficacy
- No plate-packing. No clogging. Increased uptime



	Min. Flow (m ³ / hour)	Max.. Flow (m ³ / hour)	Size (L/W – mm)
RT-50	20	45*	5,020 / 2,190
RT-100	45	90*	6,400 / 2,580
RT-240	110	295*	10,382 / 3,200

* Actual results may vary, depending on water temperature, chemistry, chlorides, and solids loading.

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