

DEWATERING PERFORMANCE SIMPLIFIED

CONVEYORS

Superior, simple, and efficient handling of bulk solids.

Prime Solution can customize your biosolids transfer system, offering a variety of conveyor sizes and styles tailored to your application. Our stainless steel conveyor systems are engineered for reliability and long-term performance, ensuring consistent operation and delivering results you can count on.

PERFORMANCE & RELIABILITY

- **Efficient handling** - ideal for irregular, or bulky materials that typically cause issues in shafted screw conveyors
- **High capacity & efficiency** - continuous, non-clogging transport even at steep inclines
- **No intermediate hanger bearings** - reduces risk of blockages, maintenance, and downtime

DESIGN ADVANTAGES

- **Shaftless spiral design** - maximizes conveying capacity while minimizing wear
- **Flexible layout options** - can be configured for horizontal, inclined, or vertical applications
- **Tighter clearances** - less spillage, better material control

MAINTENANCE & LONGEVITY

- **Reduced maintenance** - no center shaft, fewer moving parts, and no hanger bearings
- **Durable liners** - replaceable wear-resistant liners extend equipment life
- **Easy to clean** - fewer components and open design simplify washdown and sanitation

COST & EFFICIENCY BENEFITS

- **Low life-cycle cost** - less downtime, fewer repairs, and longer service life
- **Energy-efficient operation** - smooth material flow reduces power requirements

APPLICATIONS

- Wastewater treatment
- Food processing
- Pulp & paper
- Agriculture



To learn more about Prime Solution Conveyors call (269) 694-6666.



Prime Labs

Want to confirm that the Prime Rotary Fan Press® is the right solution for your dewatering needs before making a capital investment? Our no-cost wet lab testing allows us to evaluate performance with your actual sludge. We even provide sample containers free of charge, making it simple to determine if the Rotary Fan Press is the ideal fit for your application.



Pilot Testing

Once feasibility has been confirmed, Prime Solution can provide a pilot demonstration of the Prime Rotary Fan Press® directly at your facility. Our mobile trailer brings the press on-site, allowing you to observe its performance on your own sludge under real operating conditions. Following the demonstration, we conduct a full laboratory analysis of cake solids and filtrate, helping you identify the optimal chemistry and equipment configuration to achieve maximum results. A comprehensive performance report is then provided—at no cost.



Prime Customer Services

At Prime Solution, exceptional customer service is at the heart of everything we do. We are committed to being responsive, knowledgeable, and proactive, providing hands-on support from the first inquiry through the full lifecycle of your equipment. Our service offerings include customized preventive maintenance (PM) programs, new employee and refresher training, equipment upgrades, and on-site technical support to ensure your system operates at peak efficiency. We also offer Channel Adders, which allow you to expand the capacity of previously purchased equipment—delivering greater value and extended service life.



PRIMEBLEND™ Polymer Preparation System

The PrimeBlend emulsion poly system is a compact, self-contained solution designed to optimize polymer preparation while minimizing polymer usage and maximizing efficiency.

Our BABA-compliant system delivers proven performance and reliability, backed by a quality design that offers considerable cost savings.

Originally developed as a key component of Prime's Rotary Fan Press® package, the PrimeBlend offers a simple, cost-effective polymer solution that meets a wide range of mechanical dewatering needs.

To begin the ordering process for a PRIMEBLEND™ system call (269) 694-6666



Please contact us if you would like to learn more about Prime Solution and the revolutionary Rotary Fan Press®.

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