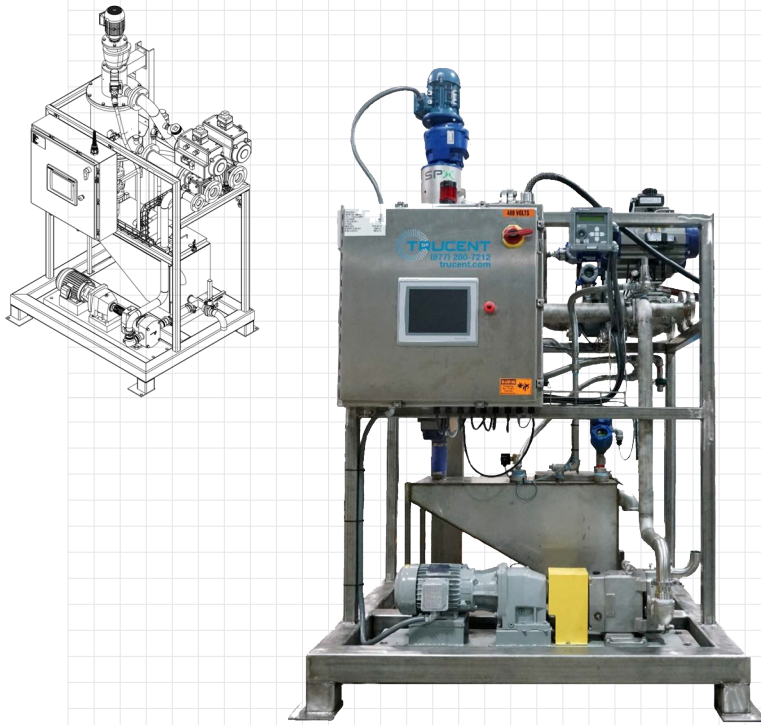


TruShield-SC

for DCO Syrup Conditioning

Maximize Your Distillers Corn Oil Potential



BENEFITS AND ADVANTAGES

- Protection for DCO Extraction Systems
- Typical Increase DCO Yield 6% or More
- Rapid Return on Investment
- Enhanced All DCO Extraction Systems
- Completely Integrated Skid Package
- Advanced Process Control
- Optional TruView Remote Monitoring
- Custom Designed for Corn Syrup Feeds

Overview

The TruShield-SC has been protecting High-Speed Disk Stack Centrifuges and Tricanter DCO extraction systems since 2008. Building upon years of experience and R&D, the TruShield-SC has been optimized to condition syrup prior to corn oil extraction. It is available in multiple packages to best suit your plant's syrup conditioning needs.

How it Works

TruShield-SC is a filtration system that provides protection for DCO extraction systems. Since its creation, the TruShield-SC has been optimized to provide syrup conditioning that results in large particle removal, affecting Stokes' Law by viscosity reduction and improved oil droplet size. Conditioned syrup improves extraction-separation efficiency and thus increases DCO yields. The system operates automatically to purge rejected material.



TYPICAL TRUSHIELD-SC DCO PRODUCTION INCREASES

	FEED RATE	BEFORE / AFTER	AVERAGE GPM OF OIL	VISCOSITY REDUCTION %
60 MGPY ETHANOL PLANT	73 GPM	WITHOUT TRUSHIELD	3.69	
	73 GPM	WITH TRUSHIELD	4.73	29.6
100 MGPY ETHANOL PLANT	95 GPM	WITHOUT TRUSHIELD	4.45	
	95 GPM	WITH TRUSHIELD	5.82	33.3
140 MGPY ETHANOL PLANT	118 GPM	WITHOUT TRUSHIELD	5.31	
	118 GPM	WITH TRUSHIELD	6.44	31.6

TRUSHIELD-SC OPTIMIZED TO PROTECT YOUR DCO EXTRACTION SYSTEMS AND PROVIDES:

- Easy installation with single-point process, utility, and communication hook-ups
- Proven components for maximum system uptime and reliability
- Compact, modular design to minimize floor space used
- Compatible with all DCO extraction systems
- Seamless integration with all plant designs
- Low Capital Expenditure and Fast ROI
- Industry-leading returns

TRUCENT – INDUSTRY-LEADING SERVICE PROVIDER

We believe that knowledge, data, and unmatched service is critical in changing the story of corn oil extraction.

- Advanced Analytical Support
- Process Analytics
- Product Distribution
- Preventative Maintenance
- Shutdown Support
- Full Inventory of Spare Parts
- Guaranteed to be on site within 24 hours of notification