A SUPERIOR CIP CONVEYING SYSTEM FOR SANITARY APPLICATIONS

The MPE Clean-In-Place Chain-Vey system incorporates water-tight flanged construction and a PLC controlled cleaning cart that rinses, washes, drains, and dries, requiring no operator interaction.

CIP 180° TENSION UNIT
With direct spray nozzles for chain, 360° spray nozzles to clean box, and tri-clover nozzle connections

CIP 180° DRIVE UNIT
With discharge transition and direct spray nozzles for chain, 360° spray nozzles to clean box, and tri-clover nozzle connections

BOLTED CONNECTION LINK
All Nylock hardware with integrated polyurethane wiper disc and UHMW wear plate

CIP CLEANING CART
Fully-automated high pressure detergent wash, rinse and heated dry cycles with touch screen controls

RINSE
WASH
SANITIZE
DRY

The MPE CLEAN-IN-PLACE Chain-Vey system is equipped with a Clean-In-Place washing cycle specially designed to provide a fully-washable system for sanitary applications.

The CIP cycle is FULLY-AUTOMATED by the CIP cart, which includes a PLC control panel with touch screen.

The cleaning cycle first FLOODS the conveyor with a concentration-controlled solution of water and detergent, then a RINSE cycle commences, flooding the system with fresh water or water and SANITIZER and drains when complete. Finally, a DRYING cycle completely dries the conveyor to prepare for the subsequent product batch.
THE BETTER WAY TO CONVEY

TOTAL CIP SYSTEM SOLUTIONS

AVAILABLE SYSTEM DESIGNS
- Clean-In-Place Systems provide a total cleaning solution through quick and efficient washing and drying
- Standard construction provides a dust-tight and air-tight environment

FLEXIBILITY
- Bi-directional design doubles capabilities through more efficient system configurations
- Extended system length capabilities of up to 250 ft. of product conveying distance
- Link chain design enables directional changes on multiple planes
- Product design allows custom configurations with multiple inlets and discharges

CHOOSE YOUR CONVEYING CAPACITY

6 IN.  5 IN.  4 IN.  3 IN.
1,400 ft³/hr (40 m³/hr)  1,000 ft³/hr (28 m³/hr)  650 ft³/hr (18 m³/hr)  300 ft³/hr (9 m³/hr)

MPE CLEAN-IN-PLACE ADVANTAGES
- Automated cleaning system eliminates manual cleaning methods
- Reduces system down-time required for cleaning by 75% compared to non-CIP methods
- Unlike comparable pneumatic systems, the CIP system does not require disassembly for cleaning
- Water-tight flanged construction

LET US HELP
Ask about our free product testing and system design capabilities

DISC MATERIALS & PERFORMANCE
- FDA-approved UHMW discs
- Disc design options include direct over-molded onto stainless steel chain, or split design with sanitary stainless steel compression rivet fastener
- Chain available in 316 stainless steel or high strength hardened alloy steel
- All chain has ultimate tensile strength over 16,000 lbs.

RELIABLE SUPERMAX CONNECTOR LINK SYSTEM
- Customizable control system for your application and supervisory system
- Process tracking such as water, temperature and detergent concentration
- Tested and proven to pass all swab testing including aerobic plate count, coliform and bi-luminous
- Quick change-over between difficult-to-clean products

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