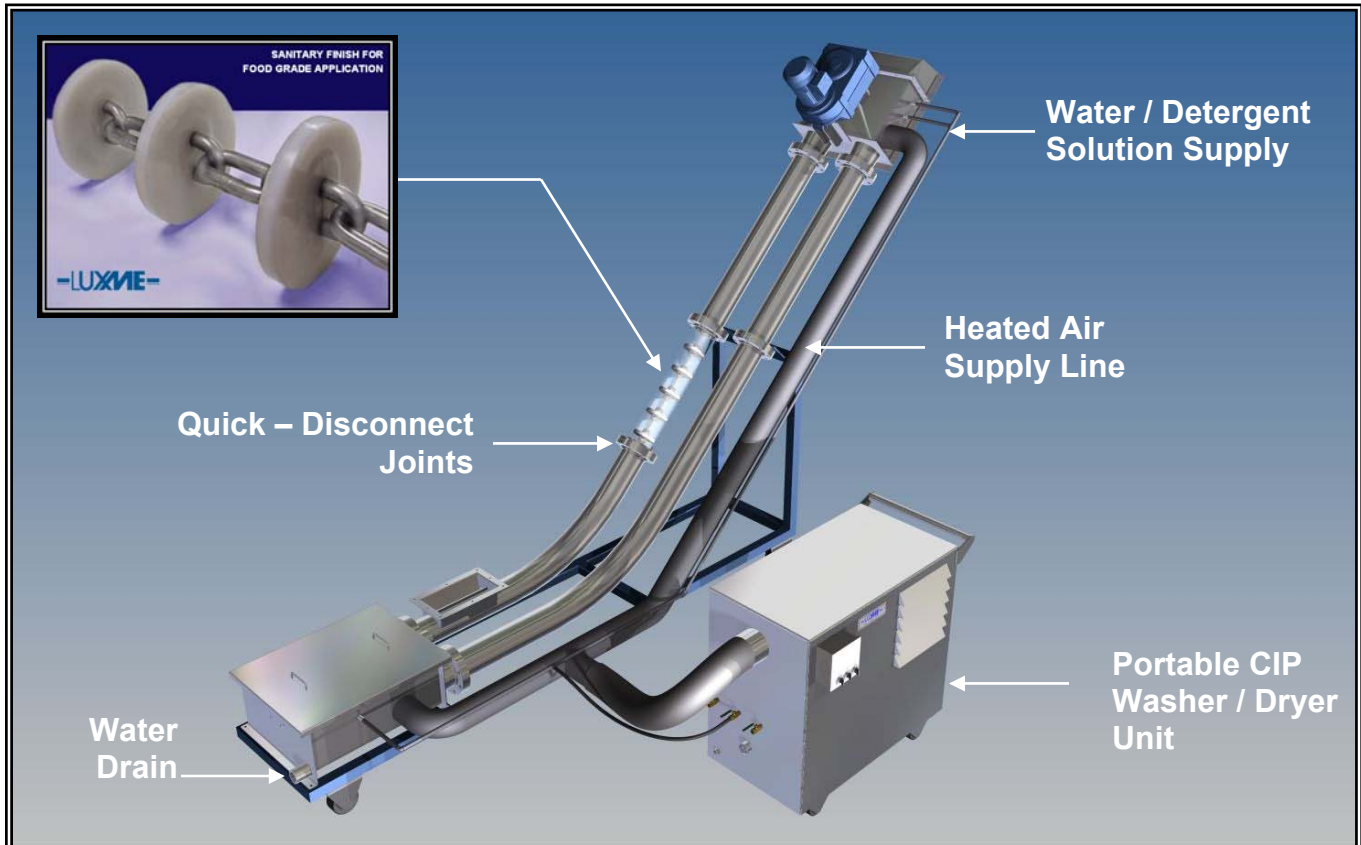


CLEAN IN PLACE [CIP] WASHING SYSTEM



Luxme Tubular Chain Conveyors can be equipped with an optional Clean-In-Place Washing System and fitted with specially designed quick-disconnect joints for easy assembly/disassembly, in order to provide a fully washable system for food-grade applications. The system is comprised of the following features:

- Conveying Chain with Conveying Discs moulded directly to the chain to eliminate hang-points where product may accumulate.
- Conveying Discs are made from UHMW-PE – FDA approved, food grade. The conveying chain is made from polished Stainless Steel 316.
- The conveying pipes and stations have no hanging points ensuring complete washout of the system.
- The Drive and Tension sprockets are moulded using Stainless Steel 316, specially designed to minimize product accumulation.
- The numbers of joints are minimized as part of the CIP design. They are comprised of a quick-disconnect clevis clamp with a 6" spool in order to ensure completely clean, product-free joints.
- The conveying line is designed to have the chain in tension whereas the return line chain is in compression (loose). This allows the chain to be cleaned thoroughly as the water jets are able to penetrate the corners of every link.
- The CIP system is connected to a Water/Detergent Source. The system is designed to first flood the conveyor with the cleaning solution and the system can be drained through the tension station. These steps can be repeated cyclically until complete washout is achieved. Finally, heated air is supplied to ensure the conveyor is completely dried and prepared for a new batch process.