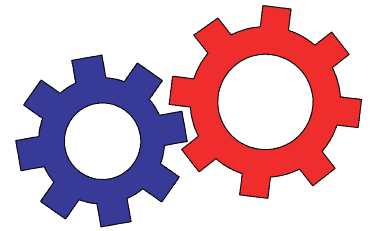


GENESIS

PROCESS SOLUTIONS LTD



FEEDING SYSTEMS :: STORAGE SILOS :: INGREDIENT HANDLING SYSTEMS



LIFTVRAC
Elevation through innovation

Our mission: **to save you money!**

Does your company suffer from the usual conveying issues?...

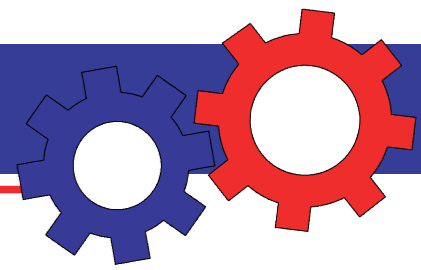
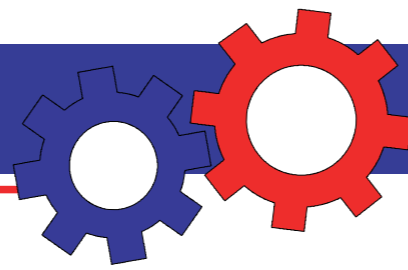
- ❑ High product waste?
- ❑ Long cleaning times?
- ❑ Damaged product?
- ❑ Product sticking to conveyor?
- ❑ High running costs?
- ❑ Need for multiple conveyors?



The solution?...

Liftvrac!

The ultimate conveyor



How does it work?

The concept of the LIFTVRAC conveyor is brilliant in its simplicity. A flat belt is formed into a tube as it is running and product is conveyed in the tube, using its own weight to form the bridge effect that prevents it from falling back. This means that product is conveyed without compaction, damage or change in form - meaning it leaves the conveyor in the same condition as it goes in. The other huge benefit is no product loss. All product that enters the tube will come out at the top and due to an award winning flexible scraper on the outlet, product will always leave the conveyor and on to the next process. No product will stick to the belt due to the scraper and therefore no product loss.



Flat belt is formed into a tube using the guide wheel



Product is conveyed in the tube



Tube naturally becomes flat at the product exit point

Easy to clean?

The simple answer is YES! The belt is continually being cleaned via the flexible scraper at the end of the conveyor so after a production run, the belt is already clean. If a full clean is required, the belt can either be cleaned from the base of the conveyor with water or by fully removing the belt. To remove the belt only takes 10 minutes so this allows very fast changeovers even when allergens are an issue.



Belt scraper keeps belt clean



Lowering frame for cleaning



Easily removable guards



Which model do I need?

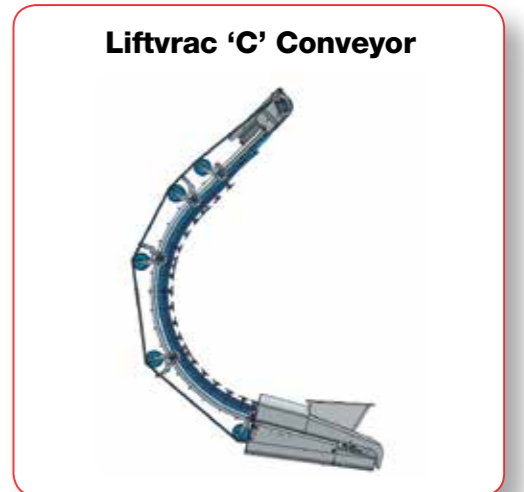
Liftvrac 'S' Conveyor

Our most popular conveyor, used for longer, higher distances as well conveying to various filling machines and processes. With the model "S" LIFTVRAC, the unit can be mobile, have a lowering frame and is the easiest of all models to be dismantled and cleaned.



Liftvrac 'C' Conveyor

The model "C" LIFTVRAC conveyor has been designed where a short footprint is required. The model "C" LIFTVRAC is usually situated underneath the process and can easily be linked in to a trough conveyor in order to take the product to the filling machine process. The model "C" conveyor can be mobile and have a lowering frame.



Liftvrac 'H' Conveyor

The LIFTVRAC "H" conveyor has been designed using the same principle as the main machine but only to be used as a horizontal conveying machine. Many horizontal conveyors are open and liable to contamination or completely enclosed and difficult to clean. The model "H" LIFTVRAC can also be used instead of screw conveyors and chain conveyors.

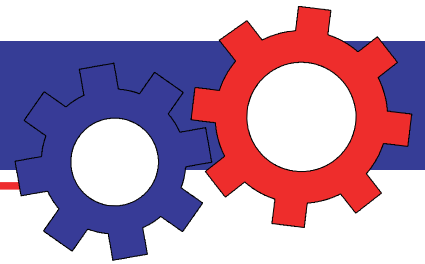


The LIFTVRAC conveyors can easily be integrated into existing systems on site. Due to the continuous development of the LIFTVRAC range, we can also offer the following add-ons:

- **Trough Conveyor**
- **Auto Clean System**
- **Double Inlet Roller**
- **FDA Cleaning Pig**



Installation examples



Ingredients Handled: Salad :: Fresh Fruit :: Frozen Fruit :: Fresh Vegetables
:: Frozen Vegetables :: Chopped Meat :: Minced Meat :: Fresh Pasta :: Dried Pasta
:: Tomato Pulp :: Liquid Chocolate :: Chocolate Pieces :: Rice :: Petfood
:: Cooked Meat :: Confectionery :: Seafood :: Nuts :: Breakfast Cereal
:: Potato Crisps :: Powdered Material :: Granular Material.... Plus many more!!

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FOOD :: PLASTICS :: CHEMICAL :: RECYCLING :: DETERGENT :: PHARMACEUTICAL