



**Lightweight Conveyor Belting and  
Component Solutions**



Our solutions portfolio includes products from world class manufacturers combined with our expertise in their optimal use. We provide these solutions to a wide variety of industries, with particular focus on sanitary applications for all food and beverage market sectors including seafood processing, beef, pork and poultry processing, packaging, bottling/canning, breweries/distilleries/wineries, bakeries, snack foods and dairy operations. Our specialists work with customers to minimize maintenance and enhance operations, while reducing water usage, energy consumption and the use of sanitary & water treatment agents. We also work closely with equipment fabricators ensuring they utilize these application specific products for value-add results.

## Belt Types



### **Fabric**

Consisting of layers of synthetic materials including PVC, Polyurethane, Polyethylene, Hytrel, Silicones, EPDM, Polyester with varied construction and reinforcement depending on the application they are specifically designed for. Supplied endless (spliced or laced), straight cut/open ended where joining is completed on site with a press or fasteners/lacing. Available with flights, sidewalls, v-guides.



### **Modular Plastic**

Designed with hygiene in mind and positive driven, equating to positive belt tracking, low tension for less wear and tear on motors and bearings, and zero slippage on drives. Modular plastic belts are durable, hygienic, and can operate in temperatures from -70deg F to + 392deg F continuous. Modular plastic belt is ideal for use in almost every major industry. Available with grip, flights, side-guards, open mesh or flat configurations.



### **Monolithic**

Homogeneous and monolithic belts are known for their high material strength, superior dimensional exactitude, and stability. The materials are cut- and wear-resistant and impervious to water, oils, and other fluids. They are easy to install on-site, with a minimum of contamination to the work area. In the event of damage, repairs can be efficiently done by closing tears and replacing sections. Food-grade belts are FDA/USDA/USDA Dairy approved and conform to EC AND CFIA regulations.



### **Stainless Flat & Wire Mesh**

Stainless or Carbon steel material conveyor belting available in chain, friction, pinroll and sprocket driven options suitable for many applications where plastic or fabric belts are not applicable. Associated drive sprockets and pulleys available for all belt series.



### **Round & Can Cable**

High-performance, low-cost alternative to steel cables. Fast installation for minimal down time since reinforced polyurethane belting is the high-strength, low-stretch choice for longer conveyor lengths, heavier conveyed loads or medium-duty power transmission applications. These products are easily welded on site with the associated butt welder or overlap welding tools available.

# Conveyor Components

## Sanitary Mounted Bearing

Maintenance free hygienically designed and certified by EHEDG, 3-A and USDA standards with extremely easy access for cleaning from all angles reducing water/cleaning agent usage during sanitation. IP69K washdown rated.

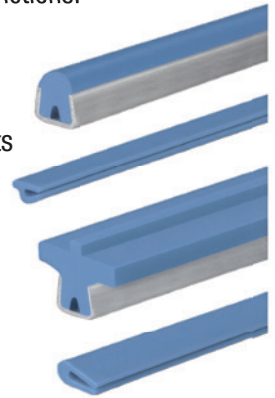


## Sanitary Levelling Feet & Casters

3-A, EHEDG and USDA certified sanitary leveling feet are available with self-draining surfaces, sealed movable parts and no exposed threads ensuring absolute minimal cleaning and maximum product safety in production. Plastic base and weighing leveling feet as well as sanitary leveling casters are also available in numerous configurations and functions.

## Belt Supports/Extrusions & Conveyor Accessories

Almost 2000 profiles available for all application belt support and product guidance. These components will help customize your conveyor to match the specification required to operate in your facility. Conveyor accessories such as clamps, handles, nose-bar assemblies, mounting brackets/supports and idler pulleys are available.



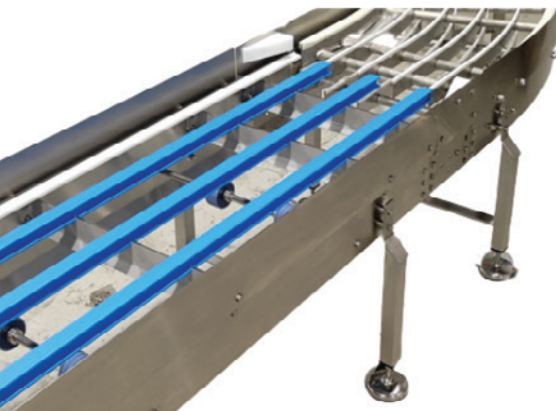
## Sanitary Motorized Pulleys

IP69 washdown rated pulleys are powered using magnetic drive technology. A large array of specially shaped magnets are lined inside the shell. Rotary motion is then created by applying electromagnetic force to the magnets. This simple design eliminates the need for a motor and gearbox. This unit offers a hygienic

drive solution since there is not an external drivetrain, and is free of harborage points. These units are also lubrication free which mitigates any product contamination risk which are present in conventional lubricated units. Benefit from at least 40% reduction in energy consumption and backed by a 3 year manufacturer warranty.

## Custom Machined Plastics

Quick delivery for CNC-made plastics from your STEP or DXF files including chain guides and curves for tab chains and other chain and belting applications, as well as conveyor drag flights. We can reverse engineer plastic components in lieu of relying on OEM's, thereby minimizing cost and lead times.



## Sanitary Slide Rail

Belt carry away support which does not require fasteners for installation. Available in 12 foot lengths in blue or white. Reduces the coefficient of friction by approximately 25% which extends belt life and reduces energy consumption. The sanitary slide rail also does not warp during cleaning.



### Dodge Stainless Sanitary Gear Reducer

A totally stainless-steel unit, IP69 washdown rated designed for food industry sanitation standards and engineered for ultimate reliability in harsh, washdown food and beverage applications. Through extensive lab testing, Dodge Tigear-2 is the proven premier solution to ensure you get the longest life out of your gearbox. When compared side-by-side it outperforms and outlasts the competition at a competitive price. All internal components are designed to provide long lasting maintenance free performance. Epoxy painted units also available for packaging/material handling and pharmaceutical applications.



### NGI Certified Hygienic CIP and Bearing Units

Fully adjustable CIP Systems are a key in the reduction of labour, water usage, cleaning agent usage and energy consumption while also reducing water treatment. Specify these units to your preferred OEM fabricator or easily install on existing applications. NGI certified hygienic bearing units are completely maintenance free and significantly reduce contamination risks. The return on investment for these units is significant and is key for optimising operational efficiency and food safety enhancement.

## Energy Savings & Improved Efficiency



### CASE STUDY

### Drum Motor (Motorized Pulley) vs. Mag-Drive – Case Study

#### Did you know?

Plants that convert to One Motion Powered Pullies can save on average 40% on their energy consumption in comparison to standard gear motors. One Montion's pullies are easier to clean, making them more sanitary than leading competitors. This solution had less pinch points, is maintenance free, and uses up less real estate.



Scan the code for more info on the NGI Certified Hygienic Bearing Units



**PRE-INSTALL AMPS 1.16** ➡ **POST-INSTALL AMPS 0.66** = **AMP REDUCTION 44%**

### These solutions can be applied in industries such as...



Fish & Seafood



Lumber Mills



Microbreweries & Distilleries



Meat & Poultry



Bakeries & Confectionery



Dairy



Medical Supplements



Airports



Tire Manufacturing



Paper & Tissue Plants



Produce Packaging and Distribution Centers



Frozen Food

### Source Atlantic Head Office:

331 Chesley Drive, P.O. Box 967  
Saint John, New Brunswick E2K 5P2



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