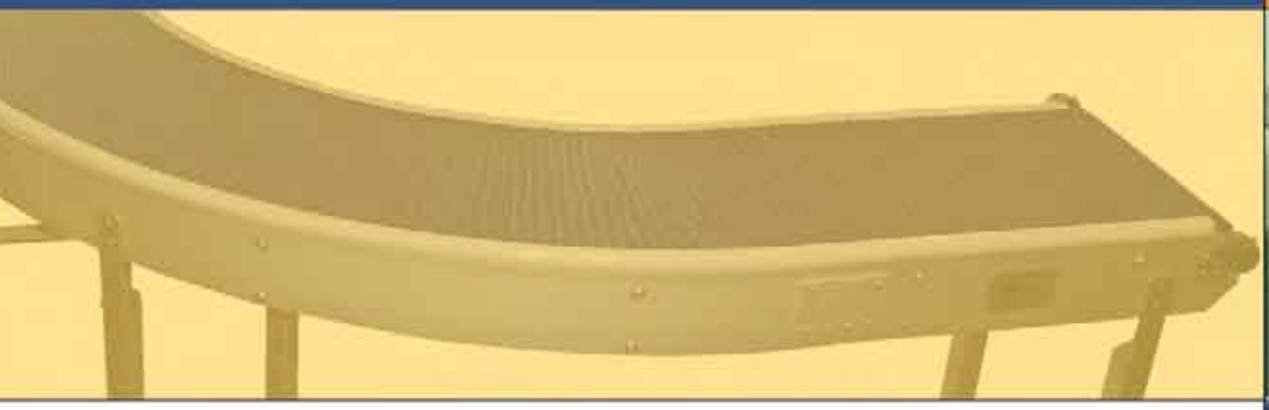


Custom Conveyor Solutions Featuring Intralox i-Drive

We always strive to provide the most innovative and effective solutions to our customers. Now we are excited to offer a truly revolutionary solution, conveyors that use Intralox Intermediate Drive "**i-Drive**" technology. This is a truly evolutionary drive system that moves belting in an entirely new way; *driving Intralox modular belting by engaging it in the carry-way and/or return-way, and propelling the conveyor forward from this central position. This configuration provides a strong forward push*, from the center of motion rather than a pull from the end of a run. Because this new drive method transmits such a strong forward motion directly to the belt, it is possible to combine turns, straightaways, inclines, and declines in a single run driven with a single drive. This eliminates a substantial number of transfers, when compared to similar layouts using traditional designs. This increase in drive power also provides a corresponding increase the maximum length of a run, meaning fewer drives, less maintenance, and even a reduction in maintenance and replacement because parts experience even less wear than with conventional sprocket and shaft driven Intralox conveyors.

We can design your next project with longer runs of conveyor driven by a smaller number of drives.

Layouts that used to be impossible are now possible, from complex racetracks with inclines, oppositional turns and declines to designs like this one, which features one drive powering opposing turns and a straightaway, without any transfers required.

i-Drive powered conveyors can use a much smaller radius on sprockets at the end of a run. So the transfers that are required can be designed to much tighter tolerances. This means easier and more dependable transfers.

intralox® i-Drive™

INTERMEDIATE DRIVE TECHNOLOGY

APPLICATIONS
Pan and Product Conveying in most every part of your plant that uses modular belting.

Modular belting is now a more viable alternative for all of your conveying applications.

Retrofit into existing frames may also be possible.

BENEFITS
Longer conveyor runs utilizing a smaller number of drives.

Elimination of numerous transfers
Tighter transfers when necessary.

Reduced maintenance,
Reduced contamination risk,
Less lubrication than metal belts.

OPTIONS
Automatic Cleaning
Floor Mounted
Ceiling Hung

800.356.7591

The Henry Group, inc.

Custom Conveyors Featuring i-Drive

i-Drive "Pushes" your belts positively and reliably

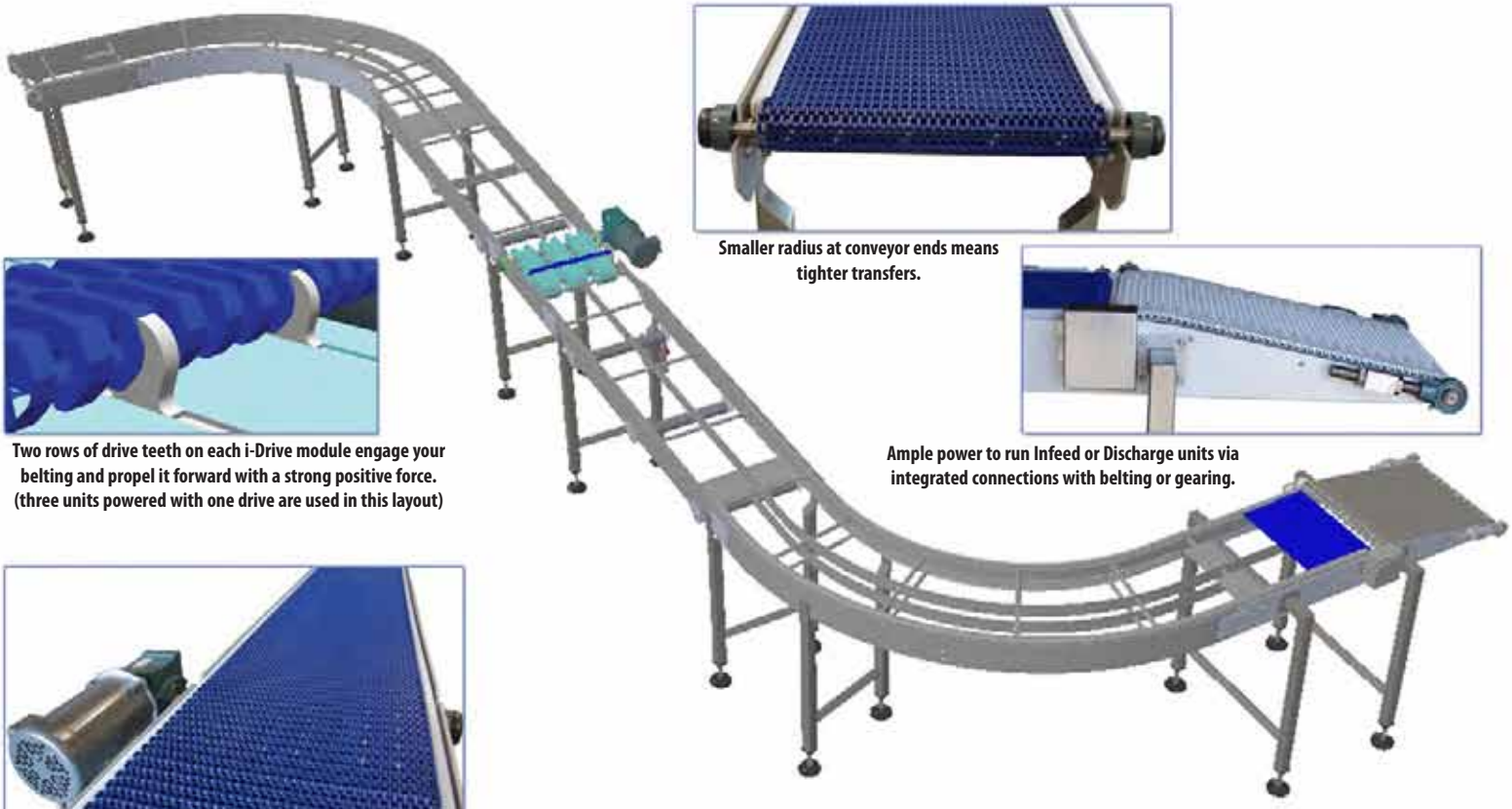
As you see in the design images below, the i-Drive module (shown below in blue to the side of the single drive in the layout) moves your conveyors and whatever you move on them in a totally different way. The drive spikes on the i-Drive blocks rise up between the gaps that are already in the modular belting. The drive is propelled in a more linear fashion, which is one of the reasons that so much power is transferred to the belting. The i-drive module also transfers power to the belt over a surface area that is much larger than what is possible with end driven conveyors.

Intralox modular belting is a proven performer

Various designs are available for virtually any need, and i-Drive can be used for any dry application. Intralox belting features low friction, abrasion resistance, various widths, and accessories such as flights, side guards and various surfaces. It is also lightweight, and easy to clean, maintain and repair.

Experience and proven designs from The Henry Group

As always our i-Drive conveyors are custom designed for your application. Conveyors can be mounted on the floor, hung from the ceiling or a combination of both. We will use drive and conveyor components that match what you currently use in your facility whenever possible to allow you to reduce your spare parts inventory and ease maintenance requirements. Our conveyor designs are strong and rugged and provide our customers with years of trouble free service with a small amount of maintenance. Whether you are conveying from unit to unit, cooling, proofing or packaging, we have designs to suit your needs.



Smaller radius at conveyor ends means tighter transfers.

Two rows of drive teeth on each i-Drive module engage your belting and propel it forward with a strong positive force. (three units powered with one drive are used in this layout)

Ample power to run Infeed or Discharge units via integrated connections with belting or gearing.

The Henry Group, inc.

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