COVER STORY

New Low Profile Conveyor Belts

SUCCESS STORY

TT124/AS/PP in Injection Molding Industry

HabaSYNC® Timing Belts - HTD Products
New Low Profile Conveyor Belts

Habasit America introduces the new WVT-191 (white) and WVT-211 (cobalt blue) belts to the light weight conveyor belt line. They are uniquely designed to optimize the performance of conveyors with integral horizontal-incline transitions and conveyors built with slider rails rather than a traditional sliderbed. These belts can be used in a wide variety of applications including food processing, metal detection, injection molding, product inspection, metal stamping, vacuum transport, etc.

Like most Habasit belts, the WVT-191 and WVT-211 are customizable with various splicing options and a wide selection of weldable profiles such as cleats, sidewalls and v-guides to further support an array of unique application requirements.

Benefits
• Buckle resistant, flat conveying surface provides a stable horizontal-incline transition
• Greater tracking stability and longer service life
• Oil and cut resistant FDA grade urethane construction to handle a wide range of operating conditions
• Inclined conveyance or light accumulation cover options
• Improved vision inspection, low ocular strain due to color contrasting cobalt blue cover
• Antistatic construction supports safety and mitigates cling of light synthetic parts
• Short transfer distances, utilize small pulley diameters

Newsletter Know-how

Welcome to our Newsletter Know-how contest, designed to test your knowledge of the articles within this edition of the Premier News. The first five people to correctly answer the question below will be entered into a chance to win a Habasit golf umbrella at the end of the quarter. E-mail your answer to Habasit America Marketing, along with your full name and company name. Three winners will be announced in the April 2011 edition of the Premier News. Enter the contest every month to increase your odds of winning. Good luck!

Question:
What color can the HTD products- 5, 8 and 14 be produced in?
Success Story

Background
An injection molding company that makes plastic containers was having a problem with their scrap reclamation conveyor. One of the by-products of the molding process is residual flashing material. The flashing drops on a reclamation belt and is conveyed to a recycling station. These belts are endless and take approximately 4 – 6 hours to install.

Problem
The flashing can be very sharp and in a pointed configuration. A traditional PVC belt can be easily gouged and damaged from the flashing drops. This End User was having problems with the sharp edges doing just that to the PVC belt they were currently using. This resulted in shorter belt life and would also create jams in the conveyor system itself.

Solution
Habasit evaluated the situation and recommended the TT124/AS/PP belt because of its very hard and durable top cover. This enabled the sharp and pointed flashing material to deflect off the cover and not gouge or get caught up in the belt. The Habasit belt tripled the belt life, but more importantly, it helped reduce downtime and maintenance expenses because of the long install time. So by increasing the belt life and reducing product jams and belt changes, Habasit was able to help significantly increase production and lower overall belt replacement costs. Also, sometimes the flashing material can be warm to the touch. The TT124/AS/PP also provided an additional temperature resistance compared to the traditional PVC belt they had been using.

HabaSYNC® Timing Belts - HTD Products

HTD products- 5, 8 and 14 can be produced with black TPU. Black is provided for those applications where TPU replaces rubber belts used in linear positioning and “dirty” conveying application. In addition to being a belt cover that hides dirt, it is also used in some applications where the belt is hidden from easy view.

We will stock some material in both UU type as well as polyamide (antistatic type). Large demands will be met on request.

Some applications are - lifts, actuators and door and gate openers.
Did You Know?

Did you know that Habasit offers a new joining method called Minet Flexible Fastener? The Minet Flexible Fasteners with plastic pins are available in TPU and PVC for belts with a thickness of at least 0.06” (1.5 mm). Hinge material consists of two acetal pins. These fasteners come in white, black and blue for the TPU belt styles and white, dark green, black and blue for PVC style belts. Minimum pulley diameter is 2” (50 mm) or minimum for belt, whichever is greater. Minimum belt width is 2.5” (65 mm); maximum belt width is 63” (1600 mm). Minet Flexible Fasteners are normally used in conveying applications where belts need to be:

a. removed for cleaning purposes
b. non-marring for sensitive products
c. joined quickly and easily without use of tools
d. non-metallic for use on metal detectors

NOTE: These fasteners are not applicable for nose bars or knife edges.

Habasit America Customer Care Profile

Kelie White

Kelie, a Modular Customer Care Representative, joined Habasit America 9 months ago. She has her Bachelor of Arts Degree from Georgia State University in English with a concentration in Technical Writing. Kelie enjoys the daily interaction with the customers and appreciates the industry specific knowledge she has gained. Even though this is her first time working in customer care, she finds her prior experience working with patients in the medical industry and her critical thinking skills to be helpful on the job.

In her spare time, Kelie enjoys hiking Stone Mountain, cooking for family and friends, and reading. As an Atlanta native, the majority of Kelie’s family lives in the metro Atlanta area so she is pleased to be living in Duluth. Kelie relocated 9 months ago from Savannah, GA where she was working in an Optometrist office as an Optical Tech.

Kelie has a positive outlook on life and looks forward to what she can continue to bring to Habasit America. Kelie aspires to utilize her Technical Writing degree, and pursue working in Communications/Marketing writing user friendly manuals for Habasit customers. Kelie also has a vested interest in Intellectual Property Law, as she has completed two continuing education courses in the subject.

Technical Information

Joining Data Sheets

Please note we have had some joining procedures change with our fabric products. Please make sure you are downloading the most recent joining data sheet instructions from our website or contact technical at 1-800-458-6431 to have them emailed to you.
Habasit Web Links

Habasit America -
Power transmission & conveyor belts
www.habasitamerica.com

HabasitLINK® / KVP® -
Plastic modular belting
www.plasticmodularbelts.com

HabaSYNC® -
Timing belts
www.habasync.com

Habasit America -
Seamless belts
www.seamlessbelts.com

HabaCHAIN® -
Chain belts
www.habachain.com

Rossi Gear Motors -
Gear reducers & gear motors
www.rossi-group.com

Product Availability

Download the latest information here.

HabasitLINK®
• Plastic modular belting
• Flights
• Sideguards
• Sprockets

Download availability chart

Literature Now Available on
www.habasitamerica.com
6039 - Fabric Belts Engineering Guide
6040 - Fabric Belts Installation & Maintenance Guide
2030 - Meat and Poultry Brochure
6035 - Fabrication Capabilities Brochure
6017 - HabaCHAIN® Engineering Guide
4236US - Rossi Gearmotors Product Overview
4093 - HabaGUARD® Brochure
4107 - HabaSYNC® Timing Belts Brochure
4246 - HabaSYNC® - Product Data Overview
4225 - Live Roller Brochure
2044 - Materials Handling Brochure
2300 - HabasitLINK® and KVP® Product Guide
4080US - Habasit Fabric & Round Belt Product Guide
2147US - Airport Industry Brochure

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