

In This Issue

Another first for The Hendrik Group and the HoverGlide, air supported conveyor! The largest HoverGlide Retrofit to date, being installed on the coast of scenic Aruba!

Hendrik Enterprises, Inc. gets a name change for the new year! The Hendrik Group, Inc. emerges from 2002 with a new outlook for bulk handling!

HoverGlide Q & A...new section to answer the most asked questions about air supported belt technology.

The Hendrik Group, Inc. enjoyed a great turnout at the GEAPS conference in Columbus, Ohio on March 1-4, 2003.

HoverGlide

Air Supported Belt Conveyors

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The Hendrik Herald



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Another First!

Coastal Aruba Refinery - Aruba:

The Problem - petroleum coke dust spilling from transfer points, the back of skirtboards, out of the sides of the loading section and out from under the conveyor hoods of the conventional idler conveyors.

The solution: A HoverGlide, air supported belt conveyor, retrofit!

The Coastal Aruba Refinery approached The Hendrik Group to try and fix the problem on a 60" wide belt conveyor that is spraying the surrounding areas with black petroleum coke dust. Almost constant 20 MPH winds from the coast lifts the fine black powder off the belts and distributes it over the Refinery's grounds.

A 60" wide HoverGlide retrofit with a specialized, totally enclosed inlet section that feeds a dust tight air supported belt conveyor, protects the petroleum coke from the prevailing cross winds while minimizing the upheaval of dust in the loading section.

The Hendrik Group is using the top strand of the HoverGlide to replace the carrying idlers. Without changing the existing support structure, drive, pulleys, bearings, belt or return idlers, the HoverGlide retrofit eliminates excess dust generations and increases the conveyors overall capacity.

Another air supported belt conveyor first for The Hendrik Group. This the largest retrofit to date.

HoverGlide

Q&A

The Hendrik Group fronts many questions about the air supported belt conveyor on a daily basis. We hope it is because people are as excited about this technology as we are. We will try to address your issues in this section, but of course, feel free to call us for additional information.

Q: Does the HoverGlide air supported belt conveyor use compressed air?

A: No. Air is supplied through a low pressure, low volume, centrifugal fan.

Q: How much air is used?

A: This depends on the width of the conveyor, weight of the belt and the handling capacity. We calculate the belt weight and load to determine the volume and pressure. An average volume is from 3-8 CFM per linear at pressures from 12-30 inches of water. 95% of all our conveyors require less than one (1) PSI, (27.7 inches of water).

Q: How is the air distributed?

A: The fan, preferably located to the center of the conveyor, blows air into the plenum air chamber. Through a series of holes along the centerline of the conveyor, air is forced between the plenum bed plate and the belt, forming a film of air. If necessary, the fan may be placed near the tail or head of the conveyor.

More in the next issue.

Name Change!

Hendrik Enterprises, Inc. is getting a new look for 2003! Over the past couple of years, we have been coming up with ways to better serve our clients. We have created a Rep organization, which now covers most of the United States, Canada and Mexico. We have formed alliances with other reputable companies to be able to provide our clients with full service engineering and supply capabilities. Also, we can now provide a larger variety of HoverGlide air supported belt conveyors and Immacutrak food grade conveyors.

With all these new and exciting changes, we thought the next step would be to put it all under a new heading. As of January 1, 2003, Hendrik Enterprises, Inc. is now

The Hendrik Group, Inc. It's not an earth shattering change, but it does give us the opportunity to offer our clients a wider range of products and services.

Give us a call and see what we can offer to you.



Represented By:

GEAPS 2003

A learning experience for all that came to the show... including some competitors! The ability to educate, a superior product and an outstanding performance record, gave The Hendrik Group a steady flow of inquisitive visitors. We would like to thank all who talked with us about the HoverGlide and hope to hear from you in the near future. Give us a call.



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