

4B THE SCOOP

VOLUME 2 ISSUE 2 FALL 2004

The Whirligig

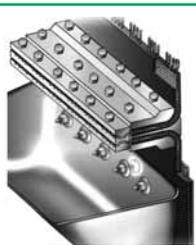
US Patent # 6,109,120

The Whirligig 3 in 1 target/bracket/guard, used for installing all different styles of shaft speed sensors now incorporates a cup target available with 1, 2, 4, or 8 targets. This new corrosion proof component along with its heavy-duty stainless steel sealed bearing makes the patented Whirligig the World standard for installing shaft speed sensors.

**STANDARDIZE ON ALL
YOUR INSTALLATIONS!**

News Flash

4B is pleased to announce the arrival of the **SJ Industrial Duty Pressed Steel Elevator Bucket and Steel Web Belt** for use with cement and other industrial elevators. Please contact us for more information, and watch this space for further updates.



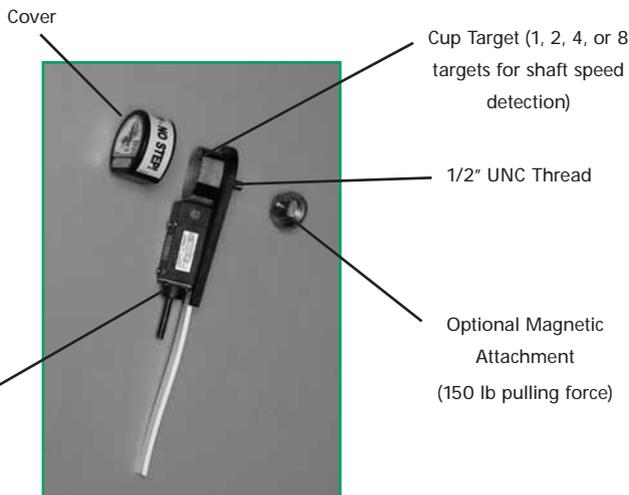
729 Sabrina Drive
East Peoria, Illinois 61611 USA

Telephone 309-698-5611
Facsimile 309-698-5615
Email 4B@go4B.com



**3 IN 1
TARGET!
BRACKET!
GUARD!**

Shown with
rectangular DIN
sensor. Could be
18mm or 30mm



**NO MORE FABRICATION!
SENSOR INSTALLATION MADE EASY!
SAFE, SIMPLE, ACCURATE!**



Whirligigs shown with
different styles of sensors
(DIN, 18mm, 30mm)



Whirligig with DIN Sensor
(Shown attached to a
typical shaft)

Please call for in-depth product information, or visit our website at

www.go4b.com

Employee Profile

Barb Sleeth

Administrative Assistant



Before coming to work at 4B, I worked for the Paradise Riverboat Casino. I have worked for 4B for the past 3-1/2 years.

I have been married to my husband Bill for 22 years. My son recently got married last November and added a daughter to the family. You can find me on weekends at our cabin on the lake, usually relaxing and catching the BIG ONES.

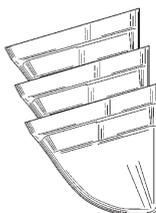
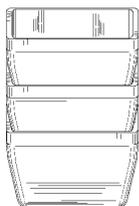


I also enjoy cooking up new recipes and baking ideas. Then my co-workers get to try the new creations. 🍴



News Release on CC-S Packaging

4B Components has recently introduced a new and innovative polymer bucket to the grain industry, called the “CC-S” stackable elevator bucket. This bucket is designed to nest or “stack”, to reduce shipping space and freight classification, therefore saving customers approximately 30 percent on truck freight charges. Heavy poly shrink-wrapping is available to contain these buckets instead of space consuming cardboard cartons. Cardboard waste is also expensive and on-site nuisance to dispose of, especially when cartons have been exposed to moisture. Let “CC-S” reduce your storage space and shipping costs. 🍴



HOT NEWS...

The new CC-S Elevator Bucket Stackable for Shipping and Storage.

Start Saving NOW!



“STACK UP YOUR SAVINGS!”

2005 Trade Show Schedule

WHAT	WHEN	WHERE
Illinois Grain & Feed Booth #100	Feb 20 - 22	Crowne Plaza Hotel Springfield, IL
GEAPS Booth #515 & 517	Feb 26 - Mar 1	Albuquerque Conv. Center Albuquerque, NM
APEA (formerly AFIA — AGRO) Booth #712	Mar 17 - 19	Leon Convention Center Leon, Guanajuato Mexico
Int'l Fuel & Ethanol Booth #727	Jun 28 - Jul 1	Kansas City Conv. Center Kansas City, MO
AFIA EXPO Feed Industry Show Booth #TBA	Sept 19 - 21	Kansas City Conv. Center Kansas City, MO



APOSGRAN US/Canada Tour

The Argentinean equivalent of GEAPS visited the 4B USA office in October during their tour of US and Canadian grain handling facilities. While at 4B, APOSGRAN members viewed the latest technology in hazard monitoring systems and material handling components. 🍴

COMPANY SPOTLIGHT

Edward J. Heck & Sons Co.

1625 S 13TH ST. P.O. Box 3784
OMAHA, NE 68103-0784

800-652-8873
FAX: 402-341-6927

402-341-6666
E-MAIL: eheck@ejheck.com

Edward J. Heck & Sons Company was incorporated in 1947 and the third generation family-owned company is still providing the highest quality parts and equipment for the grain, feed, milling and processing industry in the Midwest.

We are especially proud of the outstanding companies that we represent, and 4B Components is one of these top companies. The monitoring, level control and conveying components are state of the art and the support from 4B's sales and engineering staff, are a great asset in our sales efforts.

Our roots are in the Midwest but Edward J. Heck & Sons also manufactures hammermill parts and mineral oil dust suppression systems that we sell nationally.

Our long-term relationship with 4B is a testament to the quality of their products and great staff. We look forward to many more years of representing 4B. 🙌



SPARKY'S SHOCKERS



Keith Bohnker
Electronic Sales

QUESTION:

I am looking to upgrade my rotary level switches that I have monitoring high level, empty condition, clogged chutes and plugged conveyors. From time to time, I run into the problem that a rotary level indicator has stopped working without any indication. Is there anything that can detect when a rotary level indicator stops working?

ANSWER:

4B Components has introduced a new and improved Rotary Level Indicator called the RotoSafe. Approved for Class 2, Division 1 applications, the RotoSafe incorporates two detection circuits. One circuit indicates when material has impeded the paddle, and the other circuit provides indication when the paddle stops turning, therefore making it a failsafe solution for high level or plug condition monitoring in bins, silos, elevators or conveyors. The RotoSafe also incorporates sensitivity adjustment, LED indication and a corrosion resistant housing. 🙌



Send your questions through our website www.go4b.com or email Keith at kbohnker@go4b.com.

WOLSTY'S CORNER



Dave Wolstencroft, P.E.
Technical Manager

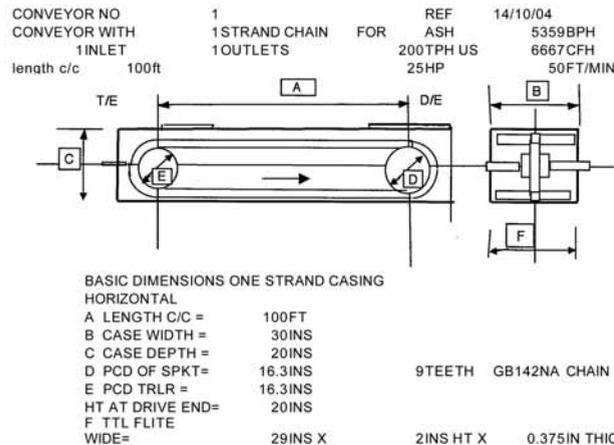
CONVEYOR DESIGN - The Right Chain for the Right Application?

When designing a conveyor, which type of chain do we use? What size and type of conveyor do we use? What type of flights? The questions can be endless.

There are so many questions to be answered when designing a chain conveyor. At 4B Components we can take this hassle away from our FREE engineering design service. If you are a machine manufacturer or an end user with an existing conveyor, our experienced professional engineering staff can give you a design to build a new conveyor, or upgrade an existing one.

We can give you a general layout drawing for the conveyor, with

EXAMPLE ILLUSTRATION OF A CONVEYOR DESIGN



the required chain size / type, flight dimensions, motor size, shafts diameters, speeds etc, etc. Everything you need to build a conveyor or improve your existing one.

Selections of the correct type / size of conveyor chain are important, but this must also be matched by the correct selection in speed and flight type. For example if the speed is too fast or incorrect flight design, then it can 'pull' straight through the product with little or no material being conveyed. **Contact me at 4B** to help you with this selection. 🙌

Email your questions to me at dwolstencroft@go4b.com.

FREE
Engineering Design Service