

4B THE SCOOP

ISSUE 1 WINTER 2007

BOLT 'N' GO DROP FORGED CONVEYOR CHAIN

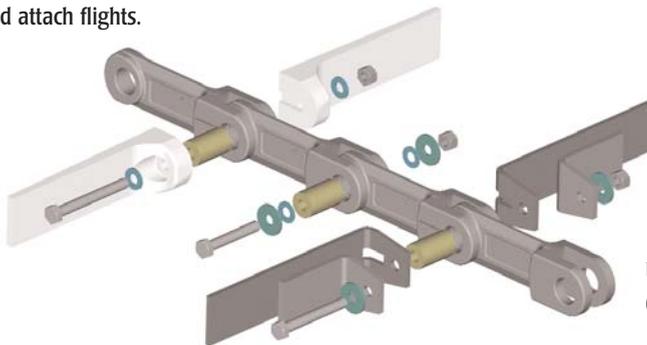
**NEW
PRODUCT**

4B Components is pleased to announce the launch of the new revolutionary Bolt 'N' Go drop forged chain system.

The traditional system of drop forged chain uses welded flights, pins and circlips, that require the removal of the complete chain from the conveyor for repairs / change out of parts. The new Bolt 'N' Go system is a very simple system of high strength hollow pins, heavy duty washers and nylock nuts, which enable bolts to pass through to connect the links together and attach flights.

The Bolt 'N' Go system's advantages:

- No more welding of flights
- No need to remove chain from conveyor
- Reliable secured link, pin and flight
- Reduced maintenance costs and down time
- Steel or plastic flights



U.S. Pat. 7,080,728
Other Patents Pending

The Bolt 'N' Go hollow pins can also be used on links with welded flights, providing a more secure and less expensive connection than the standard pin and circlip or pin and collar.

News Flash

OVERSTOCK - SAVE \$\$

50-70% DISCOUNTS - ALL PRODUCT LINES

www.go4b.com



729 Sabrina Drive
East Peoria, Illinois 61611 USA

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

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

www.go4b.com

Employee Profile



Roger Bruère

Technical Sales Engineer

I am a Brazilian-French citizen who, for the past ten years, has lived in Mexico and the United States and am now part of a British owned company.

With a multi-cultural background, plus a Purdue University Mechanical Engineering degree, my main goal upon graduation was to be an asset to a company with similar characteristics.

At 4B Components, I simply aim to convert what I know and who I am into sales and superior customer service. Being able to speak English, Spanish and Portuguese fluently, allows me the privilege to service not only the national, but also the Latin American market.

On the personal side, I am a happily married Christian and an avid soccer fan!



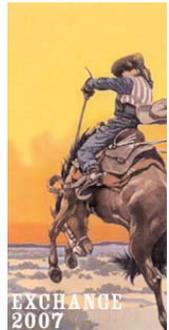
2007 TRADE SHOW SCHEDULE

AFIA/IPE Booth# 3415	January 24-26, 2007	Georgia World Congress Center - Atlanta, GA
IL. GRAIN & FEED Booth# 321	February 18-19, 2007	Crowne Plaza - Springfield, IL
GEAPS Expo Booth# 333,335,337	February 25-27, 2007	Gaylord Opryland Convention Center Grapevine, TX
IEEE Technical Conference Booth# 107	April 29 - May 2, 2007	Charleston Convention Center - Charleston, SC
INT'L FUEL & ETHANOL Booth# 1524,1623	June 26-29, 2007	America's Center - St. Louis, MO

GEAPS Grapevine TX Feb 24 to 27

This years' Exchange is starting to look like the best ever. 4B has 3 booths and will be showing the very latest innovations in material handling components and electronic sensors/controls. The *What's New Program* will include a presentation on the new Bolt 'N' Go (see front cover) and there will be an educational session on Hazard Monitors by 4B Sr. VP Johnny Wheat. Along with all the socializing/networking activities, it looks like it is going to be a memorable occasion. SEE YOU ALL THERE!

Visit www.GEAPS.com for further information and to register.



EUROPEAN STANDARDS

4B products are all available with the relevant European approvals.



CE Mark: Certifies that the product meets all essential health and safety requirements. All products sold to Europe must carry this certification.

Ex - Atex: (Atmosphere explosible) certification for Europe is required before the CE mark can be applied to equipment. This is similar to the NEC Hazardous (classified) locations. For example, NEC Dust Hazard (Class 2) Divisions, have 2 levels of hazard, but Atex has 3 levels.

Atex Zone 20: Dust Hazard continually present (Similar to NEC Division 1)

Atex Zone 21: Dust Hazard likely to be present (Similar to NEC Division 1)

Atex Zone 22: Dust Hazard not likely to be present (Similar to NEC Division 2)

In addition to these standards, other European standards must be addressed

RoHS: Restriction of Hazardous Substances

Weee: Waste Electrical and Electronic Equipment

Call 4B for your US and European dust hazard approved sensors and controls!

COMPANY SPOTLIGHT

R&S GRAIN SYSTEMS, INC. MANUFACTURING & FABRICATION RAY and SHARON DIETRICH

R&S Grain Systems, Inc. is a grain equipment manufacturing and millwright company in southeast Minnesota. The business was started 33 years ago by the husband and wife team of Raymond and Sharon Dietrich, and is yet today a thriving family business inclusive of their son Wayne and daughter Carmen and their families. R&S Grain Systems manufactures their own line of efficient grain legs called D-Line grain legs, of which 4B Components Ltd, assisted us in our design and technical support. Our legs have been designed to move various products, such as sawdust, fish-meal, foundry sand and other miscellaneous materials. With 4B's technical expertise, any potential handling or capacity problems were resolved before complications could occur. Beside their technically advanced and efficient elevator buckets, we purchase their level monitors, speed switches and monitoring systems, which are backed by service and technical advice second to none. R & S Grain Systems are very pleased with 4B Components, its employees and their products offered. We will continue to enjoy a mutually beneficial business relationship with them in our future.



SPARKY'S SHOCKERS



Keith Bohnker
Sales Manager
Electronic Products

With the rising cost of oil and diminishing fossil fuel reserves, America is on the look for alternative energy sources to help achieve less reliance on foreign energy sources. In the U.S. today, there are more than 100 operating ethanol plants and 55 facilities being built.

Ethanol is an alcohol based alternative fuel produced by fermenting and distilling starch crops that have been converted into simple sugars. Feedstock's for this fuel includes corn, barley and wheat. Ethanol is most commonly used to increase octane and improve the emissions quality of gasoline.

4B Components is playing a vital role in helping these plants monitor Bucket Elevators, Belt Conveyors, Hammer Mills/Roller Mills, Drag Conveyors, Rotary Air Valves and other mechanical equipment that process and handle the incoming grain and move the distiller's grains to awaiting trucks and rail cars.



4B Monitoring Equipment in use in these ethanol plants includes the Watchdog "Elite" Bucket Elevator and Belt Conveyor Monitoring Systems, M800 SpeedSwitch with Whirligig and Mag-Con, Rotech Encoders, Hotbus "Elite" Digital Monitoring Systems, HotSwitch "Elite" Systems, M300 Slipswitch & M100 Stopswitch with Whirligig and Mag-Con, AutoSet MK7 R.F. Level Indicators, and RotoSafe Level Indicators.

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

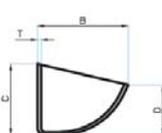
WOLSTY'S CORNER



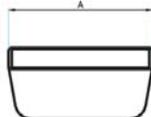
Dave Wolstencroft, P.E.
Technical Manager

HOW TO MEASURE AN ELEVATOR BUCKET

Customers often call with dimensions for a bucket and are not quite sure how to measure an elevator bucket in a way that we all understand. Here is a very quick and easy illustration on the key measurements:



A: With elevator bucket back laid flat, measure overall length (A).



B: With elevator bucket back laid flat, measure the horizontal projection of the elevator bucket (B).

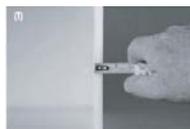
C: With elevator bucket back laid flat, measure back height (C).



D: With the elevator bucket back held vertical, measure height to front lip (D).



T: Using a micrometer, measure the thickness of the steel bucket. Use a micrometer or tape measure for plastic buckets.



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



729 Sabrina Drive East Peoria, Illinois 61611 USA
Telephone 309-698-5611 Facsimile 309-698-5615 Email 4B@go4B.com



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THIS ISSUE OF "THE SCOOP" IS BROUGHT TO YOU BY...

"Can I get
Bolt 'N' Go
in 6-packs?"

No, it's not the latest energy drink. Bolt 'N' Go is the revolutionary new assembly method for drop forge conveyor chain. No welding or circlips required! Chain flights are attached using a standard bolt and nut with a high-strength hollow pin, so there's never a need to remove chain from the conveyor for installation. And strength is never an issue. **Just bolt the links and the flights together and go!**



Get complete information
by visiting our website at
www.go4b.com.



Plastic
Flight
Option



U.S. Pat. 7,080,728
other patents pending

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TECHNOLOGY • INNOVATION • QUALITY • VALUE

729 Sabrina Drive East Peoria, Illinois 61611 309.698.5611 Fax 309.698.5615