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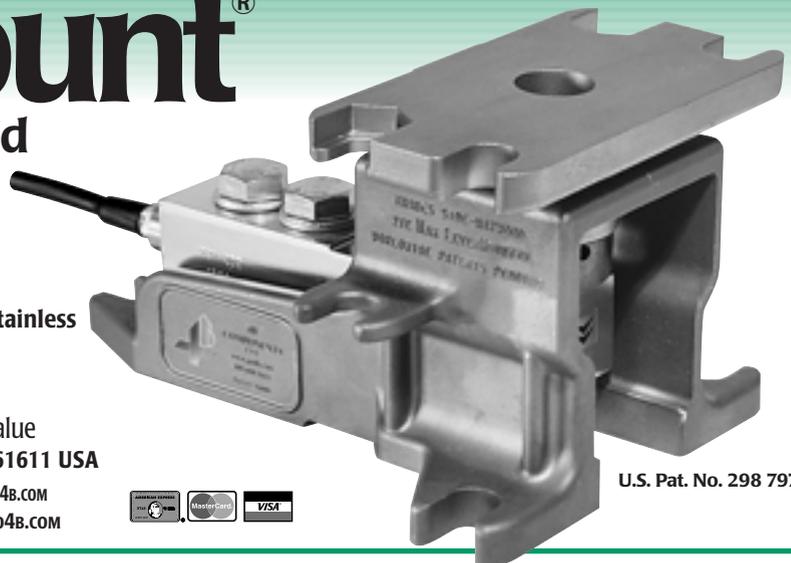
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THIS ISSUE OF "THE SCOOP" IS BROUGHT TO YOU BY...

LeverMount[®]

All The Leverage You Need

- Load Cell removal without jacks or dummies
- Raise or Lower while under load
- Allows for vessel expansion and contraction
- Safer, quicker, simpler load cell installation
- Vessel lift off and tilt prevention
- Cast stainless steel mount comes complete with stainless steel load cell.



U.S. Pat. No. 298 797



Technology • Innovation • Quality • Value
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4B THE SCOOP

VOLUME 2 ISSUE 1 WINTER 2002

All The Leverage You Need

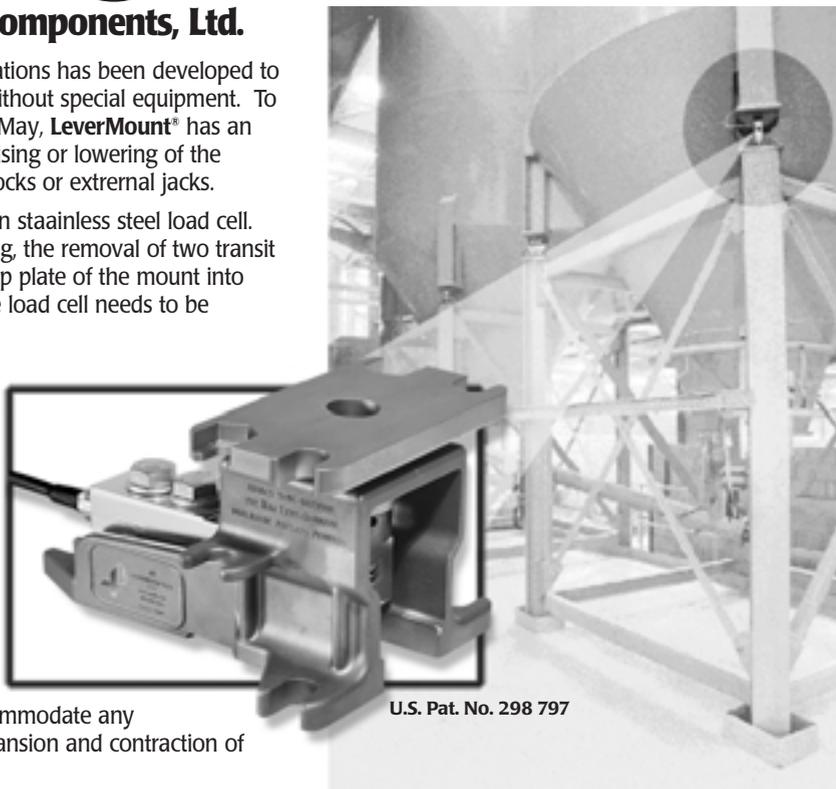
Another Innovative Product from 4B Components, Ltd.

A new type of weighing module for process-weighing applications has been developed to allow simple, fast installation and removal of the load cell, without special equipment. To be introduced at the Powder Bulk Solids Show in Chicago in May, **LeverMount®** has an exclusive patented design, which allows for safe and easy raising or lowering of the weighed vessel under load, without the need for separate blocks or external jacks.

LeverMount® is supplied as a complete assembly with its own stainless steel load cell. Once the tank has been positioned on the sturdy base casting, the removal of two transit bolts allows the load cell itself to act as a lever, raising the top plate of the mount into working position. The procedure is simply reversed when the load cell needs to be removed.

Installation and removal of the load cell can be carried out regardless of whether the tank is empty or full, resulting in significant downtime savings. To ensure durability even in the harshest environments, **LeverMount®** combines a simple, two-part mount cast stainless steel with a fully welded, stainless steel load cell sealed to IP68. Users have a choice of three single-ended shear beam load cells rated for 1100 lbs., 2200 lbs. or 4400 lbs. – a **LeverMount®** and load cell for 11,000 lb. is currently being developed.

LeverMount® can be installed for radial or offset mounting, allowing easy alignment during installation. Lift-off and tilt prevention ensures safety and consistent accuracy. The top plate is designed for linear and rotational movement to accommodate any misalignment of steelwork, and to prevent errors due to expansion and contraction of the tank. 4



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

www.go4b.com

Employee Profile



Gayle Hawks
Office Manager

My name is Gayle Hawks. I've been with 4B for 10 years, beginning as a part-time office clerk. Previously, I was a self-employed Special Education Driver for 9 years, during which time I began working towards my Associates Degree in Business Administration.

For over fifteen years, I was a "Professional Volunteer", working on numerous church and school advisory boards, along with working as a Sunday School Teacher, PTC President, Referendum Chairman and School Board member. Other activities included Kickapoo Council of Girl Scouts Unit Chairman, Trainer, Camp Director, Business Manager, and Girl Scout Leader.

I was born and raised in Central Illinois, where I've been married for 35 years, have 3 children and love to spend every minute possible with my two grandsons. Keeping the group at 4B under control takes a lot of my time, but I do love to spend time reading, working with crafts, sewing, and occasionally hitting the bowling alleys. When my husband, Tom, and I complete the remodeling of our basement, I'm looking forward to setting up my new pool table and getting back in the game. Maybe I can challenge someone at 4B to a match!! -4-

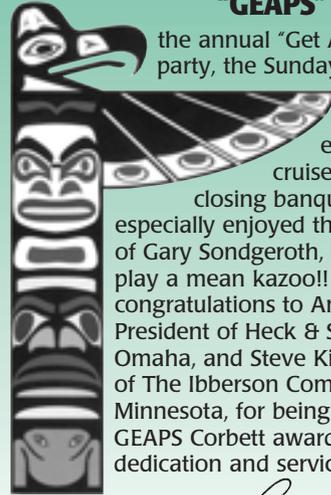
TradeShow Tid-Bits



Rick Fifer

If you were not in Vancouver B.C. for the annual GEAPS EXCHANGE, you missed out on a great program! The number of registrations for this Western location were surprising, 1599 in all. Canada Place Expo Hall is a great place to exhibit with ample trade show floor space and complete with breathtaking views of the surrounding mountains. The Pan Pacific, Fairmont and Renaissance hotels went beyond the call of duty to make our GEAPS guests feel at home. The trade show floor was set out in "user friendly" fashion and was consistently busy. Talking with the general membership, we heard nothing but positive feedback, and the exhibitors were pleased with the regular membership allowing maximum amount of time on the floor.

The EPC again did an outstanding job in presenting a wide selection of informative educational sessions, which were conveniently scheduled for everyone's benefit. The networking opportunities were abundant with



REPORT FROM "GEAPS" VANCOUVER

the annual "Get Acquainted" party, the Sunday morning opening brunch, and an evening dinner cruise along with the closing banquet. We especially enjoyed the musical talents of Gary Sondgeroth, PMI, who can play a mean kazoo!! Our congratulations to Andy Heck, President of Heck & Sons Company in Omaha, and Steve Kimes, President of The Ibberson Company, Hopkins, Minnesota, for being presented the GEAPS Corbett awards. Outstanding dedication and service guys!

Rick Fifer

As Rick is obviously too modest to root his own horn". It gives me great pleasure to announce that Rick was also honored at GEAPS with a 2002 member of Distinction award for outstanding service as Cornbelt Chapter Secretary. Well done Rick! - J. Wheat

NEWS FLASH

Mini-Gig Whirligig's Little Brother

Another Innovative Product From 4B Components, Ltd.

With the recent success of the Whirligig, 4B Components Ltd. has introduced the "Mini-Gig" combined target / bracket / guard for special situations where it's larger brother is not needed.

The Mini-Gig with its dual target is designed for use with the smaller 12 & 18-mm sensors like the 4B M100 Stopswitch. At roughly half the size of the Whirligig the Mini-Gig is being used on smaller shafts that can easily be drilled and tapped to accommodate it's 1/4" -20 thread.

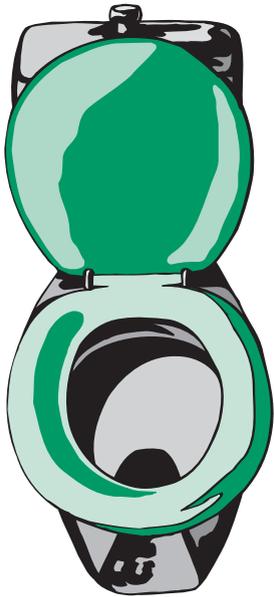


U.S. Pat. No. 6,109,120

For those not wanting to drill and tap the shaft, they have the option of using:

- The 1" dia. Mini Mag-Con magnetic coupler with 25 pound pull.
- The larger 2" dia. Mag-Con coupler with 150 pounds pull with a 1/4" - 1/2" Adapter.

Which ever means of attaching you use on the Whirligig brothers you can be assured that your sensor installation will be fast and easy. -4-



4B's in the Toilet!

The new 4B infrared PEC sensor is turning up in thousands of rest rooms all across the US. When a person waves their hand in front of the sensor, a signal is sent to the toilet seat, which then rotates a seat cover for clean and sanitary use. Airports, malls and casinos are using this arrangement throughout the US.

"A lot of people think of 4B just as a supplier of products for processing and industrial type machines. However with our engineering expertise we can provide a solution for even the strangest of applications," says Johnny Wheat – V.P. Electronic Products.

Congratulations Sparky!

Johnny Wheat, Manager of Electronic Products, has recently been promoted to Vice President of Electronic Products for 4B. The electronics department sales have grown to be a significant part of 4B, due to Johnny's dedication and perseverance in developing

new products. Johnny has been with 4B for over 10 years, and his knowledgeable contributions to new product development have awarded 4B consistent and successful growth in this area. (Gee Johnny, has it only been 10 years, seems like 20!!!!)

2002 Trade Shows

Powder Bulk Solids Booth #17015

May 7th-9th, 2002 Chicago, IL

AOM Show Booth #249

May 5th-7th, 2002 St. Paul, MN

SPARKY'S SHOCKERS



Johnny Wheat
Vice President
Electronic Products

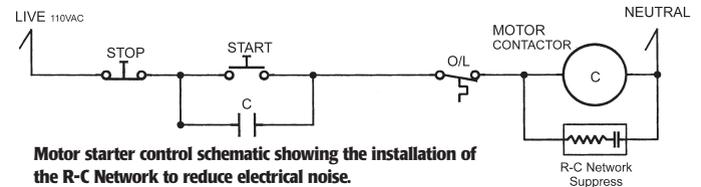
Question:

I have recently installed some Speedswitches on my plant. Although most of these are working well, one of them has to be recalibrated

periodically. Is there anything I can do to prevent this?

Answer: You may be experiencing interference from your motor starter. The coil in the starter is an electro-magnet, which when energized, attracts a metal plate and moves the contacts. When the starter is de-energized the inductive field of the electro-magnet

collapses and energy in the form of interference (noise) can be sent down the supply cables. This noise could cause problems with any type of electronic device including your Speedswitches. A simple and inexpensive solution is to install some type of suppressor across the coil terminals of the motor starter. An R-C network of 100 Ω - 0.1 μ F and 250 vac works well for most applications. This device will prevent most of the noise from entering the power lines. It is actually good practice to install these devices across all inductive loads, such as solenoids, alarm horns, relays and contactors. Their cost is very little and their benefit is potentially huge. 🙌



You'll Go Nuts Over 4B Bolts Don't forget the nuts - "we've got-em!"



4B has elevator bolts and fasteners for every application, including #304 and #316 stainless steel. Manufactured from the finest steels to exacting tolerances, 4B bolts are stocked in all the popular sizes. All bolts and fasteners are packaged "per one hundred" count and are shelved in "easy open" heavy poly bags. 4B Norway, Fanged and Easifit – "No where else will you find a better selection of elevator bolts in all the popular sizes."

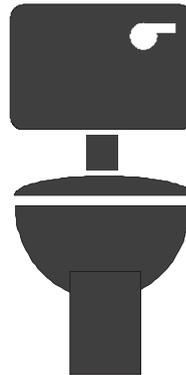
**LOOK OUT
for 4B
Ebay Auction
Wednesday, November 14th**



New Web-Site

On September 17, 2001, 4B Components Ltd. launched their new Web-site www.go4b.com. The new and exciting 4B web-site is full of detailed information and exciting news about 4B. It contains technical

information, Trade Show dates which 4B will be attending, and a Questionnaire if you are looking for free engineering. So next time when you think of Technology-Innovation-Quality- 



4B Components, Ltd. Key Personnel



Chris Robinson
Senior Vice President



Gayle Hawks
Office Manager



Rick Fifer
Vice President of Sales



Mike Robinson
Warehouse Manager,
Production & Logistics



Johnny Wheat
Electronic Products
Manager



Beatriz Poloney
Latin America Sales

