

4B Braime opens new subsidiary in South Africa

4B Braime has opened a new subsidiary in South Africa, under the name "4B Africa Elevator Components (Pty) Ltd" to serve the sub-Saharan African market with its range of material handling and electronic components.

The choice of South Africa underlines the "strategic importance" of the region to the group. 4B Braime has been serving customers in the area for many years, but feels that it needs to strengthen its local market presence and be closer to their African customer base.

The reinforcement of the local presence in Africa reflects 4B's worldwide growth strategy. With its headquarters in Leeds / England and represented on all continents, 4B is an international market leader in the field of elevator and conveyor components and electronic monitoring equipment. With its range of components, 4B serves a large range of industries ranging from agricultural to industrial including mining and heavy duty industries.

CELEBRATING 120 Years
 1888 ————— 1971 ————— 1984 ————— 2001 ————— 2005 ————— 2008
TECHNOLOGY · INNOVATION · QUALITY · VALUE

The company, which celebrates its 120th anniversary this year, has been a pioneer of the material handling industry, introducing the first seamless steel elevator bucket back in 1909. With the world's largest range of elevator and conveyor components, 4B Braime's material handling division has led the field in elevator bucket design and manufacture by supplying the highest quality components. 4B Braime's electronic division specializes in level controls, electric sensors and safety control systems that prevent costly downtime and reduce the risks of explosions in hazardous areas.

**Check out our website:
 Visit us at: www.go4b.com**

4B AFRICA 2008 Trade Shows



8-12 Sept,
2008

Johannesburg,
South Africa

Allan Hardy
Operations Director,
4B Africa



Hi,

My name is Allan Hardy. I have just been appointed as Operations Director for 4B Africa. I am based in Johannesburg and am responsible for 4B's Sub Saharan sales and marketing.

I have worked in the bulk solids industry for the last 20 years and enjoy the challenge of finding innovative ways to handle the diverse materials that this country has to offer.

Born in Wishaw, Scotland, I emigrated to South Africa 30 years ago.

In my spare time I enjoy "getting away from it all" with my wife Anne, usually game viewing and camping in the quiet bushveld of South Africa.

Want to be added to the 4B AFRICA Newsletter Mailing List?

If you did not receive this publication by mail, send your name, company name, telephone number and address to:

4B AFRICA

email: 4b-africa@go4b.com

BOLT 'N' GO Chain & Flight System

**NEW
PRODUCT**

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

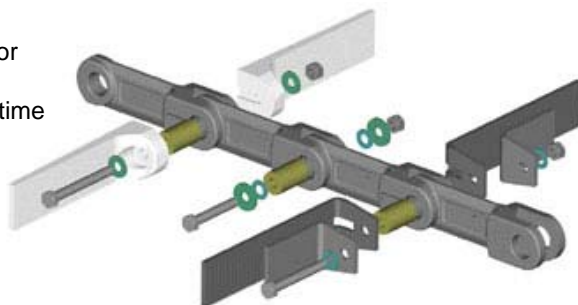
The traditional system of drop forged chain uses welded flights, pins and circlips, that require the removal of the complete chain from the conveyor for repairs / change out of parts.

The new Bolt 'N' Go system is a very flexible 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 cost and down time
- Steel or plastic flights

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



Product highlight: 4B SPS SUPER STARCO INDUSTRIAL DUTY BUCKET

The 4B SPS Industrial Duty steel bucket has the same design and fill characteristics as the larger SJ bucket, but a wider range of sizes. The bucket is pressed from 3mm pressed steel (s/s available), with a wear lip option.

Examples of use: Sand, Cement, Coal, Aggregates, Powders, Fertilizer etc.

Traditional bucket elevators often use large and expensive fabricated steel buckets, which can have inherent flaws, are expensive, heavy, and bulky, and can have poor design and fill characteristics. The SPS is a pressed steel bucket and is far cheaper than a fabricated version, but is stronger and has better capacity characteristics. New bucket elevators can then be designed with a smaller case size, or existing ones can have a capacity increase.

The SPS industrial bucket = increased productivity + reduced costs

4B also offer FREE ENGINEERING to compliment this new bucket system.

4B offers the world's largest range of elevator buckets:

Visit our website:

www.go4b.com



Detailed datasheets
on our website:
www.go4b.com

Watchdog Elite Bucket Elevator Monitor

The 4B Watchdog "Elite" uses non-contacting, magnetic sensors to monitor belt speed and belt alignment at the head / boot or both. Additional sensors monitor bearing temperature, head pulley alignment and plugged spout conditions.

The system incorporates dual microprocessor control, using the latest PIC microprocessors and non-volatile (EEPROM) memory chips.

An LCD screen displays elevator status messages (available in four different languages) and a super-bright LED screen displays belt speed.

All units automatically select supply voltages from 110VAC to 240VAC (50-60 HZ) and supply the sensors with fully regulated 12VDC. Voltage free isolated relay contacts are provided for alarm, stop, underspeed, misalignment, and temperature.

RS485 communication is also available for connection to plant computers / PLCs. Simple menu-driven calibration and parameter adjustment.


IECEX

Approved for
hazardous areas

- Belt Speed
- Belt Alignment
- Bearing Temperature
- Pulley Alignment
- Blockage Detection
- Acceleration Monitoring

