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Bulletin No. 82



NEW EQUIPMENT AND NEW TECHNOLOGY AT MINEXPO

Thousands of new products with ways to increase your productivity and your profitability will be on display at MINExpo 2000. The first international mining event of the new millennium will be staged in Las Vegas, Nevada from October 9th to the 12th.

With over 650,000 square feet of exhibit space, the newest state of the art equipment for the coal, metal and non-metal mining and processing industries will be on display. In addition to machines, this event also features a complete educational conference that includes sessions on a variety of mining issues as well as World Mining Congress forums.

We at J. H. Fletcher & Co. invite *you* to visit us at our booth, number 1619. For our coal customers we will be exhibiting our *newest* roof control drill, Model Quad Ranger. While for our industrial mineral customers, we will be displaying our semi-automated roof drill, Model ARR-D. In addition to these machines, there will be a pictorial and video presentation of the other models of our product line.



Quad Ranger

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The Quad Ranger roof drill that will be on display has been going through field testing the last several months. This walk way type bolter with 4 drill heads has proven to be a flexible and reliable machine. By using proven and reliable components (drilling system, dust system, crawlers and electrics) with a material handling system and our auto-drill feed back control system (patent pending), we have developed the most advanced roof control drill in the world.



Quad Ranger with Material Handling System

The auto-drill feed back system utilizes a microprocessor with programmable subroutines that monitors feed rate, feed thrust, rotation, torque and vacuum. This system also records drilling data that can be utilized in mapping the roof strata. As part of the educational program of MINExpo 2000, a special paper, "Practical Application of Microprocessor Controlled Feedback Roof Bolting" will be presented by West Virginia University and Blue Mountain Energy Co. on October 11 (Wednesday) at 8:15 am.



Fletcher Auto Drill - Feed Back Control

The semi-automatic drill, Model ARR-D, that will be on display is a style machine designed for the industrial mineral market. This machine's bolting system is designed to allow the operator to drill and install bolts remotely from the operator's cab. The remote operation is made possible through a bolt rack that is designed to hold eight bolts with plates. The actual drilling process is accomplished with a *rotary* drill head and our auto drill feed back system (patent pending).

On October 12 (Thursday), Syd S. Peng, Ph.D., Department Chairperson, West Virginia University; and Gene Wilson, Manager, Product Development, J. H. Fletcher & Co. will be participating in the Underground Mining & Development (Hardrock) II session. They will be offering a presentation on "Roof Bolting Innovations at Dravo Limestone".



ARR-D Roof Drill

Since MINExpo is an event that only takes place every 4 years, we hope that you will make an effort to be a part of this major mining event. We know that a visit to this show will help you in keeping updated in the latest mining equipment and practices. See you in Vegas!

Pre-Cleaner Guard

Effective February 1, 2000, all pre-cleaners placed on new and rebuilt J. H. Fletcher & Co. equipment will include a pre-cleaner guard.

The pre-cleaner, which automatically activates, will now have a guard over the cylinder linkage. The guard (see photo) will prevent personnel from placing a body part in this area and it will protect the pre-cleaner activation mechanism from debris.

To order this retrofit guard kit, call J. H. Fletcher & Co. or our authorized distributor and ask for the Pre-Cleaner Guard Kit, part number: 361064.

J. H. Fletcher & Co. recommends to its customers that all existing machines be retrofitted with this guard, and that the rebuilding of any machine with pre-cleaners include the addition of this guard.

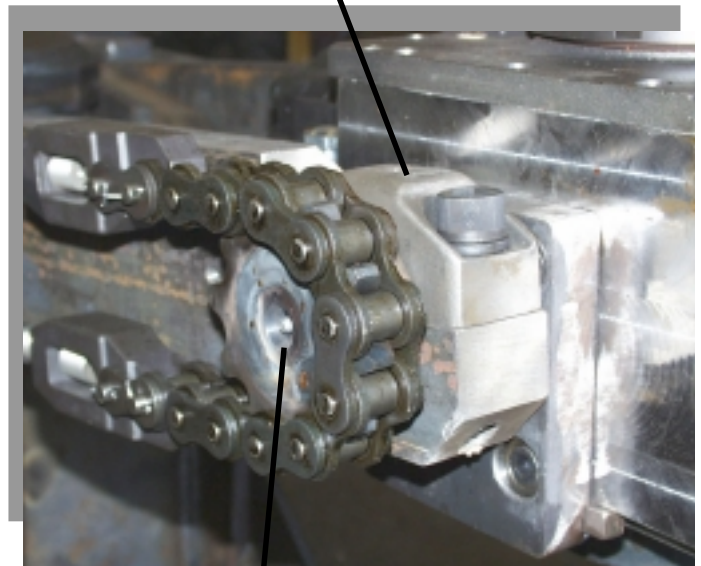
If you have any questions, please call the Service or Risk Management department.



Which Bearing?

Originally, Fletcher arm feed machines were equipped with a grease fitting located on top of the pantograph (see photo below). On more recently built roof bolters, the pantograph grease fitting is located in the sprocket on the pantograph. A unique drillhead trunnion bearing is required depending on the location of the grease fitting. If the grease fitting is located on the top of the pantograph, the bearing part number is 40340. If the grease fitting is located in the sprocket, the bearing part number is 141866. Please take note of these unique trunnion bearings when replacement is necessary.

Use bearing 40340 if grease fitting is located here.



Use bearing 141866 if grease fitting is located here.

Information Bulletin No. 82

J. H. Fletcher & Co. has just re-leased Information Bulletin No. 82 in reference to the Two-Hand Fast Feed drain line. Please look for this information in your mail. If you have not received this information please contact the Fletcher Risk Management Department at 304-525-7811.

www.jhfletcher.com



The Fletcher Product Newsletter is now on the Fletcher web page. The current newsletter, along with an archive of past newsletters, is available for download. You will need Adobe Acrobat Reader to read the files.

The information contained in this newsletter has been obtained from sources believed to be reliable, and the editors have exercised reasonable care to assure its accuracy. However, J. H. Fletcher & Co. does not guarantee that contents of this publication are correct and statements attributed to other sources do not necessarily reflect the opinion or position of J. H. Fletcher & Co.

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Currently we are only sending the Fletcher Newsletter to a selective readership. If you know of someone in your company who wishes to be placed on our mailing, please let us know. Below is a form for a free subscription to the newsletter. Just fill out the form and return it to J. H. Fletcher & Co., Risk Management, Box 2187, Huntington WV 25722-2187.

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