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Your E-Mail

J.H. Fletcher & Co. appreciates you sending us E-mail and answering our web site survey. However, if you are sending in E-Mail requests, we ask that you provide us the following information: NAME, A FULL ADDRESS, PHONE NUMBER, AND YOUR E-MAIL ADDRESS. PLEASE ADDRESS YOUR E-MAIL TO: dcooper@jhfletcher.com

Fletcher Walk-Thru DDR

J. H. Fletcher & Co. custom builds machines to work in customer specified conditions. The customer considers items such as seam height, material being drilled, roof and bottom conditions, and rib conditions. J. H. Fletcher & Co. or the customer can not predict future mine conditions or even machine transfers. The uncertainty of changing conditions has lead to the recent decision to discontinue the highly productive outside controlled DDR model line. The outside controlled DDR is replaced with the walk thru DDR.

With the walk-thru DDR, you get dual head, angle and vertical drilling in low to medium seams. The chassis design eliminates the need for operators to walk between the machine and the rib. Instead, they can walk up the center of the chassis away from potentially hazardous rib. In addition, the controls are located inside the booms reducing the operator's risk of injury from rib falls. Additional features include 18 ft. straight line boom swing for a 4 bolt pattern on 4 ft. centers and up to 90° mast tilt for truss and rib bolting.

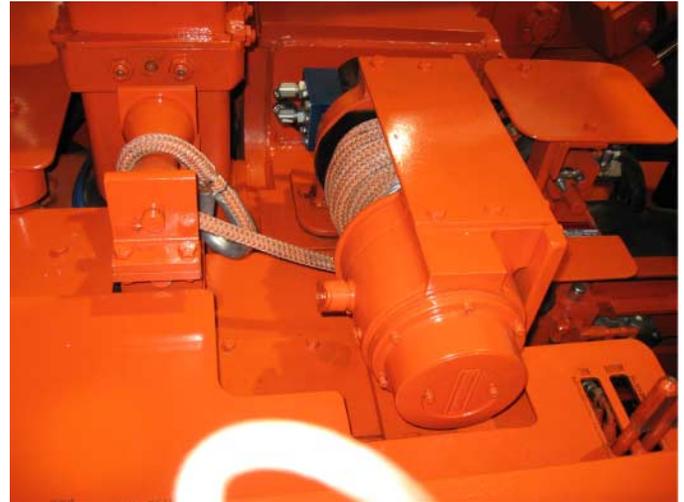
Contact your Fletcher sales rep today to see if the Fletcher DDR can meet your roof control needs.



MATERIAL HANDLING POLYESTER WINCH ROPE

J.H. Fletcher & Co. has numerous customers who are going to the new HDDR with material handling trays. Customers are taking advantage of pre-loaded material trays that reduce muscular-skeletal injuries. In our continued effort to improve our equipment, J.H. Fletcher & Co. now has a Fletcher marine grade polyester winch rope (P/N: 414550) which replaces the steel wire rope, PN: 300183. The advantage of this polyester rope is that it is easier to handle and it reduces any whipping of the rope; should it break when it is being used to winch up tool trays on the bolter. This polyester rope attaches to the existing winch with a short section of wire rope looped through an eye on the end of a polyester rope. It is not required that you convert to this polyester rope, this notice is simply to inform you

that there is an alternative to the steel wire rope.



Tag Replacement

Fletcher wants to make sure operators and maintenance personnel stay informed of potential dangers and hazards associated with roof bolting equipment. Not only do we evaluate the machines themselves but we also look at ways to make warnings clear and concise. Fletcher now has available tag number 359162 as a replacement for 159538. This danger notice alerts maintenance personnel to securely block all moving parts and lock-out power before performing maintenance. If you would like to receive this tag, contact the Fletcher service department.

Fletcher reminds all personnel, operating or working on Fletcher equipment, that maintaining warning, caution and danger tags is just as important as maintaining the machine. Keep tags clean and legible and order replacements from Fletcher when necessary.



Q&A

Q. When the dust filter on our Fletcher roof bolter gets dirty and clogged, is it ok take it out, clean it and put it back in?

A. No. When a dust filter becomes clogged the efficiency of dust collection and therefore drilling will be greatly reduced. Trying to remove the dust from the filter could be hazardous to mine personnel. The filter captures the finest, often not visible dust. The used filter should be placed in the bag the replacement filter is shipped in and disposed of properly. Always replace the filter. Drilling and dust collection will be more efficient and machine life will be extended.

(Always wear appropriate personal protection for dust when performing this procedure.)

Outby Rocker Pad Deflectors

For some time, J. H. Fletcher & Co. has been offering the inby rocker pad deflectors on the ATRS. These deflectors are designed to keep thin slabs of roof rock that break loose inby the TRS from falling close enough to the operators position that they could roll into the operator's area. Some customers have seen the need for additional protection outby the TRS around the drill and bolt line where the canopy can not reach. These customers experience localized flaking or spalling of the mine roof due to the mining conditions and geology they have. After trying several designs, the solution was to design deflectors similar to the inby type to be put on the outby side of the ATRS offering protection between the canopy and ATRS pads. The result is the outby rocker pad deflectors.

The deflectors can be individually deployed and



retracted by each operator so they can be set only when required. Since the use of the deflectors is determined by the operator, each mine needs to develop a policy on when they will be used. The current customer has specified that they be used at all times.

Recently, a paper was presented at SME about the benefits of the outby deflector. Visit our web site to see the complete presentation. Fletcher has developed a training program designed to orient operators to the deflectors and their use as well as hazards that may be associated. The training package consists of a power point presentation and a test both in printed and electronic form. If you would like to receive this program, call the Fletcher Risk Management department and request the "Outby Rocker Pad Deflector" training program, part number 359630.

FLETCHER INNOVATES!

J.H. Fletcher & Co. has long been a leader in the development of roof bolting technology, having secured U.S. Patent protection in 1957 for one of the earliest mobile roof drills for use in roof bolting applications. With the benefit of the head start afforded by the company's founders and pioneering inventors, our engineers have since made significant advances over the following half-century to help preserve our status as a preeminent manufacturer of the highest quality mining machines. Although our valued customers directly receive the significant benefits of our innovations in the field, most of the company's research and development activities occur behind the scenes. For this reason, Fletcher is pleased to share news that many of its recent innovations have resulted in issued U.S. patents over the past several years. These include U.S. Patents for the following inventions:

- 7,438,141 – a drill steel carousel for delivering different starter and finisher drill steels.
- 7,428,937 – a novel, space-saving gripper with pressure sensitivity for manipulating drill bolts/steels.
- 7,428,936 – an automated, low-profile bolter of particular benefit in low seam height applications.
- 7,428,935 – a manual bolt magazine, elegant in its simplicity, and having a low profile to save space.

7,416,033 – an instrumented drill head for wirelessly transmitting information to a remote control unit.

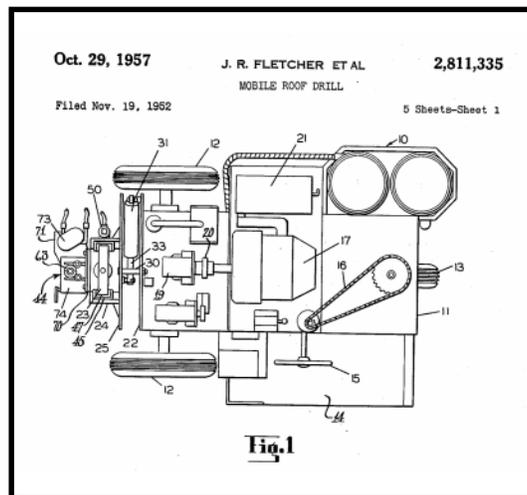
7,381,012 – a novel way of "collaring" a borehole to ensure drilling success, even at steep attack angles.

7,371,009 – a split gib drill head mounting arrangement that reduces wear and facilitates repair.

7,350,876 – a panline drilling or bolting unit that can also be used with a shield hauler.

6,637,522 – enhanced control of a drilling system to maximize bit penetration and minimize wear.

6,216,800 - a novel drilling system with dust collection and overload control. Fletcher also has filed many counterpart patent applications in foreign countries active in mining, including Australia, South Africa, and Poland.



In addition to protecting its own innovations, Fletcher is also mindful and respectful of the innovations of others, including those protected by way of patent. Toward this end, the company has adopted a program for periodically evaluating U.S. applications and issued patents for competitive technologies.

If you have any questions regarding any aspect of the company's patent portfolio, please feel free to contact Dave Cooper at (304) 525-7811.

Employee News



J. H. Fletcher & Co. introduces **Darin Cotton** as the latest addition to our engineering staff. Darin, his wife Shannon and their 3 year old son moved back home to the Huntington WV area after 12 years working in various engineering capacities and production management for Joy

Mining. Currently, he is working in the Engineering Department focusing on hydraulic design with an emphasis on stackable, directional control valves and piston pumps. Darin is a valuable addition to our engineering team and is anxious to see what the future holds for him at Fletcher. "Thanks to the folks at JHF, I was able to return my family to our home town and remain in the industry that I have been passionate about since college."



Tony Justice has been with J. H. Fletcher & Co. since 1991 as part of the engineering department. For the last 9 years he has been the engineering product manager for arm feed roof bolters. Tony has now moved to the Fletcher sales department as Sales Office Manager where he will put his knowledge of roof bolters to use

preparing quotes and offering solutions for both our domestic and international customers.

J. H. Fletcher & Co.
on the Web:

www.jhfletcher.com



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