

J.H. FLETCHER & CO.

PRODUCT NEWSLETTER

2016 ISSUE 2

J.H. FLETCHER & CO. TO DISPLAY SIX MACHINES AT MINEXPO 2016



THE SHOW

Hosted by the National Mining Association, MinExpo is once again scheduled to take place from September 26th through the 28th, at the Las Vegas Convention Center. With more than 2,000 exhibitors, it is the largest mining show on and under earth.

J.H. Fletcher & Co. to once again participate, showcasing a leading exhibit. With a booth space of 4,500 ft² and six major pieces of equipment, Fletcher's display continues to grow along with the company's legacy in mining equipment.

FLETCHER ROOF BOLTERS

Among the leading edge equipment, Fletcher will display two roof bolters from their complete line of roof control equipment. The company has a long developed history in the roof bolting industry. Fletcher prides itself in being a pioneer in the production of roof bolters, along with inventing and receiving patents on aspects of the automated temporary roof support system (ATRS).

Fletcher will feature the model N3016-AD/E and the N3112-AD/E roof bolters. Both are designed for operation in narrow heading conditions. The development of each of these pieces of equipment began as a partnership, with Fletcher working directly with customers to resolve current day issues. The problem faced by many narrow heading operations is the use of jacklegs and the risks they pose. Each of these Fletcher bolters was designed with the intent to eliminate jacklegs and mechanize the bolting process.



FLETCHER DRILL JUMBOS

Fletcher roof bolters are accompanied by an entire line of machinery. For over 50 years, Fletcher has been producing drill rigs for the mining industry. In the early 2000s, Fletcher developed and dedicated an entire line of equipment to the Metal/Non-Metal segment. With this growth, along with joint customer projects, Fletcher has developed an extensive line of Drill Jumbos.

At MinExpo 2016, Fletcher will display three drill jumbos from their product line. The Fletcher model J101-AD/E is a single boom drill jumbo designed for use in narrow vein applications. The

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second is a model J152-D/E, which is a dual boom designed for development and production drilling in mid-size headings. The third to be displayed is a single boom drill jumbo, model J251-LS. This machine is built for larger headings and designed to handle face, bench, and roof bolt drilling requirements. The Fletcher drill jumbo product line is engineered to enable cost effective drilling with the flexibility for more efficient heading to heading moves.

FLETCHER DUST SUPPRESSION

Due to recent dust regulations, Fletcher will feature their MSHA-approved Dry Air Scrubber along with display modules of some of their latest innovations. One display module will

feature the latest in air filtration, including dry air scrubbers, filtered air canopy, and the Fletcher dust system.

Fletcher will also feature another display unit with new, larger crawlers, and will highlight their new forged track pads.

FLETCHER BOOTH #2615

Fletcher encourages guests to visit their display, located in booth 2615. The booth will be staffed with salesmen and engineers ready to provide information on available equipment and custom options. Stop by to discuss your next custom project.

FILTER UPGRADE FOR J.H. FLETCHER / PALL FILTER HOUSINGS

During the past 15 years, many Fletcher machines have been equipped with hydraulic filter assemblies, JHF# 150287, manufactured by Pall Corporation specifically for Fletcher. Pall and Fletcher have been working together to develop an improved filter assembly. If you order a new filter housing, JHF# 150287, you will automatically receive the new housing with the upgraded components. We would strongly urge you to consider replacing your existing housings with the new housings to take advantage of the new upgrades. Key upgrades on the new filter assembly JHF# 566795, replacing the current JHF# 150287, include a heavy duty bypass valve and a visual indicator enhancement.

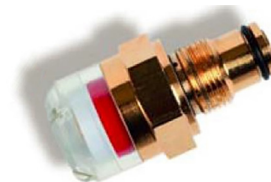
of the new bypass valve, the filter bowl (core fixed inside) is slightly longer with the new filter assembly, but still uses the same replacement element JHF# 573637.

VISUAL INDICATOR ENHANCEMENT

The new indicator features a clear cover, and a large red cylinder replacing the pop up button. This provides much better visibility of a high element differential condition compared to the current indicator. The cover is fixed to the brass body as opposed to a stretch fit of the silicon rubber dust cover on the current indicator.

HEAVY DUTY BYPASS VALVE

The current bypass valve is made with stamped component parts, and installed into the filter housing with a retaining ring. This has been replaced by a heavy duty bypass valve using machined component parts for a more robust, higher performing design. The machined valve is now threaded into place to assure proper alignment and a secure installation. Due to the increased size



FLETCHER CRAWLERS



Alloy cast crawler pad (JHF# 31160)



Forged crawler pad (JHF# 568488)

J.H. Fletcher & Co. has introduced their alloy cast crawler pads. The new pads are the same durable, dependable product, but can now be purchased for 15% less. Fletcher has built a legacy on listening to their customer's needs, and this is no exception.

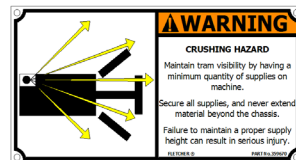
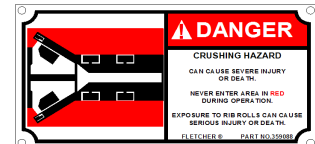
A better price backed by the Fletcher name simply can't be beat. Fletcher is also proud to announce a new line of forged crawler pads, priced 24% less than the reintroduced alloy cast crawler pads. All Fletcher equipment can be built with a crawler drive system. Fletcher also works with customers to provide machine conversions and on-site service.

Fletcher purchases are always supported with a stocked warehouse and customer service. To learn more today call us at 1-800-543-5431 or visit us online at www.jhfletcher.com.

TRAM COMPARTMENTS

J.H. Fletcher & Co. makes a variety of machines with an assortment of options on the design and location of the tram compartment. Depending on which Fletcher product you own, your tram compartment could be an open cockpit, as in most coal roof bolters, or an enclosed cab, as in most metal-nonmetal machines. From the operator's compartment, the operator repeatedly utilizes the controls to tram the machine forward or backward. Many of the machines are squirm steer in tight confines, so it is of the utmost importance that you never try to tram the machine from outside the tram compartment. Trimming should be done with caution. Make sure you always follow these rules:

1. Make sure you are familiar with the controls and how the machine will operate when you activate the controls. If a machine tram control can be reached from outside the machine, while standing on the ground, the machine design will include some type of interlock to prevent this unwanted action. The interlock, in most cases, is a separate tram enable control (foot pedal, seat switch, door, or chain curtain) to prevent unsafe action of trying to tram the machine without proper body placement.
2. Make sure the tram compartment or cab is clean and does not interfere with the operator reaching the controls.
3. Check the machine controls to ensure they work correctly, as specified in the operator's manual.
4. Make sure you enter the tram cab in the proper manner. If you have any questions about the proper entrance to any machine, contact J.H. Fletcher & Co.
5. Never make modification to the machine unless the modification is approved through the original manufacturer.
6. Make sure you maintain your "entire body" inside the tram deck during trimming. Never try to tram the machine from outside the tram compartment.
7. On enclosed tram compartment machines, make sure your secondary escape way is not blocked and is accessible at all times.
8. Only exit the tram compartment through the designated exit points. Never climb over live controls.
9. Make sure you have the best visibility possible. Don't overstock materials onto the machine chassis, blocking good tram visibility.
10. Make sure the direction in which you are traveling is clear of obstructions or pedestrians.
11. Make sure you are aware of the warning tags that are located in the tram deck. Some of the warning labels you may see in the tram deck are the following:



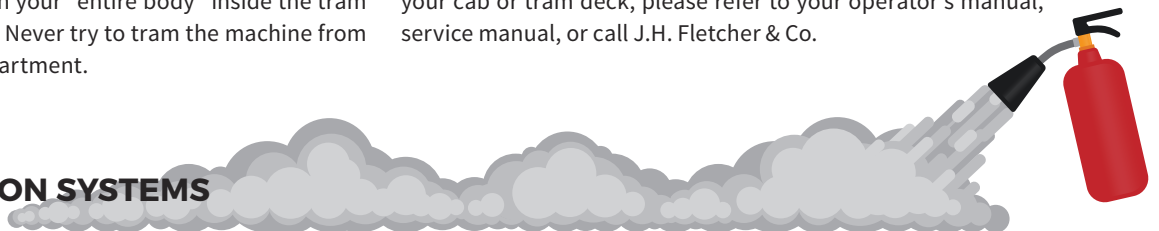
Remember, the tram deck or the cab is designed to protect you during trimming. Always keep all body parts inside the tram deck while trimming. Check your operator's manual and parts book for warning tag replacement. If you have any questions about your cab or tram deck, please refer to your operator's manual, service manual, or call J.H. Fletcher & Co.

FIRE SUPPRESSION SYSTEMS

A fire suppression system is a critical component to any machine manufactured by J.H. Fletcher & Co. Throughout the years, J.H. Fletcher & Co. has offered many systems and vendors, from the automatic systems to hand held fire extinguishers. All these systems have specific application and provide a different service depending on your potential fire exposure. To ensure your system operates as originally designed on your equipment, J.H. Fletcher & Co. recommends that you:

1. Review your parts book and service manual to understand how your system works and what maintenance must be performed to ensure a continued service life.
2. Some systems have very specific inspection intervals that have to be met.
3. Go to the J.H. Fletcher & Co. web site (www.jhfletcher.com) to get additional information from one of our links to the vendor.
4. Train your employees on the systems location (see: operator's manual) on your equipment and where to activate it in an emergency if you have a manual system.

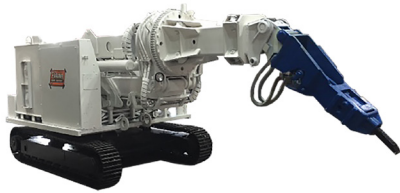
Recently, on metal non-metal machinery, J.H. Fletcher & Co. has been offering and installing ANSUL-LVS systems on machines. The system is a liquid agent system instead of powder; the advantages of this system are that it will suppress the fire and cool down the parts, preventing the possibility of re-ignition.



If you need replacement components for your machine's fire system, please only use OEM components, contact us for the parts. If you would like to upgrade your machine to an improved fire suppression system please contact our sales department.

A well maintained and functioning fire system is critical to prevent possible injury, damage to equipment, or the mine from a machine fire. If you have any questions on the fire suppression systems featured on Fletcher machines, call J.H. Fletcher & Co.

NEW DIVISION OF J.H. FLETCHER & CO.



J.H. Fletcher has established a new division, Fletcher Engineered Solutions, to expand our business to include opportunities outside of the mining industry. Since the beginning of 2016, the new division has been working on projects in the steel mill, naval ship repair, abrasive grit blasting, Industrial Engineering Survey, construction, demolition, robotic, and material handling industries.

We are excited about the potential opportunities to utilize our 79 years of engineering, design, and manufacturing capabilities to move into new industries. We welcome any inquiries about our capabilities. Please visit us on our new website, www.FletcherEngineeredSolutions.com.

JOB OPPORTUNITIES

Information on job opportunities and how to apply can be found on our website. (AA/EEO Employer)

FLETCHER ON THE WEB

For the most up-to-date news, visit our website at www.jhfletcher.com. There you can access our Literature, Newsletters, Bulletins, and Published Papers. Our site is constantly being updated, so check back often for the latest news and information.

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