

# RAMPAGE

News, information and good ideas from RAM Enterprise, Inc.

SPRING 2013

## Metal Fabrication by RAM Enterprise

### Introducing Our New Fabrication Shop in Elko, Nevada

RAM Enterprise continues to increase its service capabilities with the expansion of a new metal fabrication shop in their manufacturing and service center located in Elko, NV. According to Aaron Mabey, RAM's Fabrication Shop Team leader, "RAM is now capable of providing turn-key services, where we can take your project from conceptual design through engineering, fabrication and finally, field installation. RAM has performed service work at hundreds of sites over the past 20 years, where we have seen a multitude of problems and executed many solutions. Our commitment to safety and quality along with our knowledgeable shop and field installation crews, allows our experience to work for you, our valued customers."

#### RAM's Metal Fabrication Shop has the following capabilities:

- ▶ Press brake and shear for sheet metal and forming capabilities up to 1/2" thick and 12' in length.
- ▶ Roll form 1/4" x 6' unlimited lengths of sheet metal to form tanks and various cylindrical objects.
- ▶ CNC plasma machine which can cut from 16 gauge sheet metal up to 1-1/2" mild steel plate from sheets up to 6' x 12'.
- ▶ Punching capabilities in mild steel for holes up to 1-1/2" diameter, up to 1" thick.
- ▶ Shearing capabilities for angle iron up to 6" x 1/2" thick and c-channel up to 6" x 3/8" thick.
- ▶ Machining capabilities for various applications.
- ▶ Sandblasting and paint booth circuit to ensure a great finish once the fabrication is complete.

RAM works with all alloys, including mild, stainless and hardened steel, aluminum and titanium. We can also fabricate

and install complete piping systems. Our experienced staff of highly qualified and certified welders, both structural and piping certified, coupled with our in-house quality control program, ensures that your project is delivered safely, on-time and right the first time.

Let RAM Enterprise help design, engineer, fabricate and install your next project, which might include:

- ▶ Platforms
- ▶ Free-standing Structures
- ▶ Stairs
- ▶ Handrail
- ▶ Pressure Vessels
- ▶ Tanks
- ▶ Fall Protection Systems
- ▶ Machine Guarding
- ▶ ... and much more!

Contact our Customer Service Team to find out more about our metal fabrication capabilities at (866) 300-2801 or [info@ram-enterprise.com](mailto:info@ram-enterprise.com).



## RAM Enterprise Continues To Grow

### *Our new Service Center is now open in Tucson, Arizona*

RAM Enterprise, Inc. is pleased to announce their most recent expansion into the Arizona market. RAM has opened a new service center in Tucson, AZ. This will operate as a normal service center for RAM and will have crews that can perform:

- ▶ Conveyor Belt Services and Components
- ▶ Process Maintenance Services
- ▶ Construction Services
- ▶ Electrical Services
- ▶ Engineering Services
- ▶ Metal Fabrication
- ▶ Warehousing for our complete product line offerings, including: Conveyor Belting, *RAMGuard* Machine Guarding Products, Pulleys, Idlers, Lagging, Skirtboard Liners, Conveyor Components, and Coating and Lining products just to mention a few.

According to Bill McCrary, Arizona Director of Operations, "This is something that RAM has been researching for the past year. The services we provide in mining and power generation are all related to equipment on the processing side that operates 24/7. Our process maintenance and belt vulcanizing teams get numerous calls, at all hours, and in order to provide better service that we expect for our customers, Tucson is a good fit."

"This is an exciting time for RAM Enterprise," says Tim Horn President of RAM Enterprise. "We started out in 1991 with one service center and we have now seen significant growth by adding additional service centers in Arizona and Utah. Our service capabilities have expanded as well from our beginning installing and repairing conveyor belts, to having teams of professionals providing Construction, Engineering, Process Maintenance and Electrical Services."



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### **Protect people, property and productivity with RAMGuard Machine Guards**

RAM Enterprise, Inc. is pleased to announce we are now manufacturing and distributing a complete line of mechanical guards. When thinking about machine guarding for your plant, look to the company that is committed to *Safety First . . . RAM Enterprise*.

We are committed to working closely with our customers to ensure safety in the workplace. With our line of guarding, we offer standard and customized guards that are designed for maximum protection, yet are lightweight and easy to handle.



*Engineered to Perform, Built to Last, Installed to Protect*

For more info call 866-300-2801 or email [info@ram-enterprise.com](mailto:info@ram-enterprise.com)

#### **FEATURES**

- ▶ Lightweight, easy-fastening components for safe, secure handling
- ▶ Standard sizes and custom built guards
- ▶ Long lasting powder coated finish
- ▶ Mechanic-friendly design

#### **PRODUCTS**

- ▶ Return Idler Guards
- ▶ Modular Barrier and Belly Guards
- ▶ Head and Tail Pulley Guards
- ▶ Bearing and Coupling Guards
- ▶ Take Up Systems
- ▶ Custom Guards



# RAM Partners with Benetech to Solve Problems

## *A product with many uses for RAM's bulk material handling customers*

While RAM's Safety is our number one priority, we also focus on providing turn-key to our customers. This not only requires providing the needed services, but providing the right products with the right manufacturer. RAM has partnered with Benetech USA, who provides a full line of quality conveyor components and dust containment products that complement RAM services in the industries we serve.

RAM's service team in Utah, was recently invited to test Benetech primary and secondary belt cleaners against three other manufacturers. These test areas involved a concentrator, pebble system, and 54-inch conveyors in wet and dry applications. RAM's service team installed the Benetech belt cleaners and the comparable competition was on.

After running all the products for one month in the same application, it became very apparent that the Benetech cleaners came out on top with superior life and less carry back. The ease of installation, maintenance and blade replacement adds to the benefit of using the Benetech cleaners. Benetech also makes a full line of inspection doors, which provides excellent access for installations and blade replacements, making it safer than working inside head chutes and wash boxes. This access adds to the overall success of this test.



### **Additional Applications for Dust Containment**

- Pile Sealant • Rail Car Topper • Truck Top Sealants • Slope Encrusting • Stackout Suppression
- Transfer Points Suppression • Rail Car Unloading • Conveying Systems • Haul Road • Anti Oxidizers

When it comes to Dust Suppression Systems, RAM Enterprise and Benetech are working hard to solve material handling and dust containment solutions throughout many industries.

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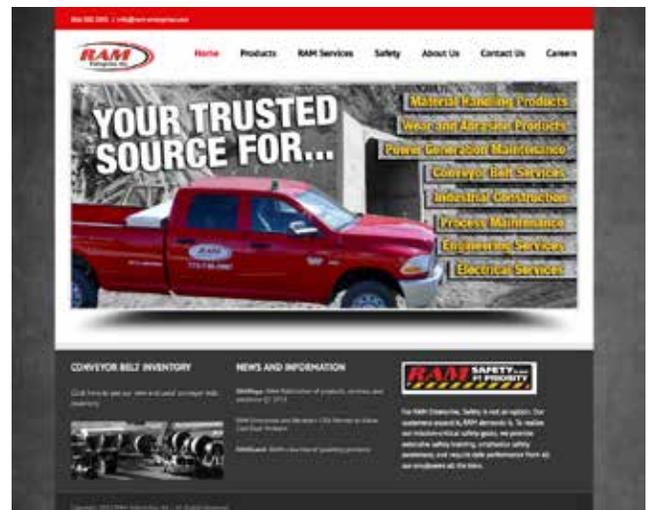
## The New Look of RAM-Enterprise.com

RAM Enterprise is pleased to announce the launch of its revised company website at [www.ram-enterprise.com](http://www.ram-enterprise.com). The site features expanded content and an updated design to improve the user experience.

"The new look and feel, and simpler navigation, provide the best platform to fully showcase RAM's products and services and help customers, prospects, suppliers and job seekers, quickly and easily find the information they need," said Jerry Hayes, Director of Marketing for RAM Enterprise. "The updated [ram-enterprise.com](http://ram-enterprise.com) better reflects the company's position as a market leader in the industries that we serve."

People visiting [ram-enterprise.com](http://ram-enterprise.com) now have access to more information about RAM's total capabilities and solutions, making it easier for them to assess ways to find the needed products and services required to effectively run their business. Product information and links to RAM's preferred supplier websites provide easy access for answers to products features, benefits and technical data that demonstrate how RAM delivers on the promise to our customers.

In addition, RAM has created an online career opportunities page that helps connect the best talent in the industry to the right opportunities within RAM Enterprise. RAM is committed to continually improving and providing key information that our customers need and require. Our goal is to continue improving the website in the future by making the site more dynamic by implementing customer portals that will provide key information at the fingertips of companies doing business with RAM Enterprise.



## Belt Repair Solutions from IMTECH Rubber Products

*Keeping you running at critical times*

IMTECH Rubber Products, a division of RAM Enterprise, Inc., completed a critical belt repair on a high dollar conveyor belt in the cement industry about a year ago. The damage to the belt was extensive, with a 4 ½" wide, by ½" deep wide cut. The cut was caused by a failed pulley and ran the entire 18,000 ft. length of the belt. IMTECH is pleased to report that after one year of everyday operations, the repair is still in excellent condition with no visible sign of delamination or wear.

The product used to repair the damaged belt was IMTECH's **Perma-Fix Repair System**. IMTECH Perma-Fix is a two-part urethane that will repair, bond and seal virtually any rubber surface. The product is applied using a dual cartridge dispensing system, which includes a mechanical or pneumatic dispensing gun with 24 element static mixing tubes for the repair of conveyor belts and rubber products.

What's new and exciting about this product is the complete Perma-Fix system. This not only includes the compound to repair the damaged area, but also includes a unique approach to belt prep. IMTECH now has a product, Primer Wash PF-8400-PW, which should be applied to the area to be repaired before the two-part Perma-Fix mixture is applied. The Primer Wash is specifically formulated to promote optimum adhesion between IMTECH Perma-Fix repair materials and the surface of the conveyor belt or material to be repaired. Formulated to promote a polymeric resinous based adhesive in Ethyl Acetate for bonding of elastomeric repair materials to properly prepared rubber.

For larger repair areas, or if you would like to have a sprayable option, IMTECH as has a new pneumatic application gun which improves the flow and speeds up the repair process when applying the Perma-Fix product. The gun is great where longer and larger repairs require more product to be applied.

**Please call the RAM Enterprise Conveyor Belt Services Team to inquire about the IMTECH Perma-Fix Repair System.**



## STEPS FOR A SUCCESSFUL BELT REPAIR

1. Be sure and document areas being repaired.
2. Remove all loose material from area to be repaired.
3. Angle grind areas thoroughly.
4. Be sure buffing spans all of the area you will be applying Perma-Fix repair material.
5. After buffing, thoroughly brush all rubber dust and particles from the repair area
6. Apply IMTECH PW-8400, Primer Wash with a brush to the area that is to be repaired and let the product evaporate and dry for at least 15 minutes.
7. Before applying Perma-Fix, Burp Perma-Fix repair cartridges by turning each cartridge on the side, 45 degree angle with the tip pointed up. Squeeze the gun until all the air is removed from the cartridge. Repeat with the second cartridge.
8. Apply Perma-Fix material.
9. Allow Perma-Fix to cure for at least one to two hours (Depending on the outside temperature and conditions,) before sanding or buffing.
10. Buff or Sand repaired area using a 16 grit disc or belt sanded. (Note: If Belt Cleaners are installed on the conveyor system the repaired area should be buffed flush and even with the conveyor belt top cover.
11. Let cure for 8 hours min to 24 hours, again depending on environmental conditions.
12. All dry times and cure times are based on an outside temperature of 70 degrees.



## Come Visit RAM Enterprise at the 2013 Elko Mining Expo

Booth 153/154 inside, and our new outside location, Booth 648

WHAT YOU WILL SEE NEW AT THE 2013 SHOW

- ▶ RAM Electrical and Engineering Services
- ▶ RAM Metal Fabrication Shop - Complete metal fabrication services now available
- ▶ RAMGuard™ - See RAM's new line of conveyor and machine guarding equipment
- ▶ New products from our preferred suppliers: Goodyear Conveyor Belt, Benetech Dust Containment Solutions, PPI Pulley and Idlers, IMTECH Rubber Wear and Abrasion Products

