



# UPDATE Weekly

September 28, 2012

Edition: 29

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Below are articles and summaries of **magnesium** related stories. Members are asked to distribute the update to their employees – if their employees wish to receive the IMA Weekly Update, please send their email addresses to the IMA Head Office. We appreciate your company press releases and announcements for inclusion in the Weekly Update.

## INDUSTRY CALENDAR

September 27– 29, 2012

Calcium and Magnesium in Groundwater -  
Distribution and Significance International  
Seminar  
Katowice, Poland  
<http://camgseminar.pgi.gov.pl>

September 30 – October 3, 2012

COM 2012  
Niagra Falls, Ontario, Canada  
<http://www.cim.org/com2012/>

October 30, 2012

IMA Magnesium Applications Seminar North  
America (more details coming soon!)  
Ypsilanti, Michigan, USA  
[www.IMAseminar.org](http://www.IMAseminar.org)

March 3 – 7, 2013

TMS 2013  
San Antonio, Texas, USA  
<http://www.tms.org/meetings/annual-13/AM13home.aspx>

May 19 – 22, 2013

70th Annual IMA World Magnesium  
Conference (more details coming soon!)  
Xi'an, China  
[www.IMAworldconference.org](http://www.IMAworldconference.org)

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## ASSOCIATION NEWS

IMA Announces the Magnesium Applications Seminar North America – *Registration is Now Open!*

- *New Bonus Added:* Guided Tour of Aristo Cast, Inc. Advanced Technology Center

IMA Announces the 70<sup>th</sup> Annual World Magnesium Conference – *2013 Call For Papers*

Please Join Us for the 70<sup>th</sup> Annual World Magnesium Conference in Xi'an, China

IMA Member Survey – Your Input Makes a Difference

The IMA Invites You to Join Our LinkedIn Group

Articles follow below

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## INDUSTRY NEWS

Advanced Magnesium Alloys Corporation (AMACOR )Announcement – Director of Sales and Marketing

Press Release, [AMACOR](#) (24-Sep-2012)

US Auto Supplier Outlook Continues to Dim on Euro Crisis and Government Budget Concerns

[www.metal-pages.com](http://www.metal-pages.com) (25-Sep-2012)

The All New GH3 – Changing Photography

[www.freshnews.com](http://www.freshnews.com) (17-Sep-2012)

Articles follow below

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## EUROPE'S LATEST

European Magnesium Market Edges up on China

[www.metal-pages.com](http://www.metal-pages.com) (24-Sep-2012)

Articles follow below

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## CHINA'S LATEST

China Magnesium Industry Market Bulletin

[www.chinamagnesium.net](http://www.chinamagnesium.net) (07-Sep-2012)

Articles follow below

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*EDITOR'S NOTE: IMA makes every possible effort to substantiate the articles which appear in the Weekly Update. However, as this is not always possible IMA does not warrant the details nor accuracy of any given article. Please keep in mind that materials are attained through press releases, outside articles from numerous sources and publications. Such materials often contain opinions which are not that of the association nor should they be construed as such. We realize that in the case of some materials, the translations might often lead to less than perfect grammar, etc. It is our position however to print as submitted rather than take upon ourselves the editing of such materials which would entail potential changes unwanted by any given author.*

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## ASSOCIATION NEWS

### **IMA Announces the Magnesium Applications Seminar North America – *Online Registration is Now Open!***

The International Magnesium Association (IMA) is pleased to announce that it will again offer its Magnesium Applications Seminar North America to be held on Tuesday, October 30, 2012 at the Ann Arbor Marriott at Eagle Crest in Ypsilanti, Michigan, USA. Online registration is now open! You can access online registration as well as the Attendee and Exhibitor brochures and registration forms at [www.IMAseminar.org](http://www.IMAseminar.org).

Our newly elected IMA President, Prof. Dr. Karl Kainer, will be in attendance from Germany. He cordially invites members and non-members alike to attend.

The Seminar topics include information relative to 2 new alloy developments (**Magnesium** Matrix and Rare Earth), NADCA, gas cover alternatives, **magnesium's** carbon footprint, **magnesium** mythology, automotive applications, fasteners, die casting and health and environmental safety.

Presenting companies include Aristo Cast, Inc., BuhlerPrince, Magnesium-Elektron, Magontec, NADCA, Polycontrols, Rauch, The Colorado School of Mines and Twin City Die Casting.

- ✓ Download the [Exhibitor Opportunity Brochure](#) to find out how you can get more involved. Space is filling up quickly so please submit your Commitment Form today!
- ✓ Reserve your accommodations at the Ann Arbor Marriott Ypsilanti at Eagle Crest. **Extended deadline on discounted prices!** Rooms are available through **Thursday, October 4, 2012** so please make your reservation soon to take advantage of the special IMA rate. The IMA Group code is NNANNAA.

#### **\*\*\*New Bonus Added: Guided Tour of Aristo Cast, Inc.'s Advanced Technology Center\*\*\***

The IMA is happy to announce that Mr. Jack Ziemba, CEO of Aristo Cast, Inc., a 2012 IMA Magnesium Applications Seminar speaker, has cordially invited all attendees and IMA members for a guided tour of their [Advanced Technology Center](#) on Monday, October 29 at 10:30 a.m.

Per Mr. Ziemba, "As Aristo Cast continues in our efforts to remain a leader in new methods, processing and technology, we have constructed our Advanced Technology Center (ATC). Along with the **magnesium** investment casting department the facility has the latest equipment to produce rapid prototype patterns used for Investment Casting. The machines you will see in operation include the latest offerings from various manufactures, each with their own unique capabilities. The ATC also houses equipment used to construct sophisticated wax injection molds made by our own in-house toolmakers. We also have HAAS Machining Centers that allow for in-house machining, rapid tooling and both prototype and production **magnesium** investment castings. I, on behalf of Aristo Cast, invite and welcome the seminar attendees and IMA members to join us on Monday, October 29. We look forward to introducing everyone to our facilities!"

Attendees will get see **magnesium** casting production in action! You can sign up today for this tour in addition to the seminar at **no extra cost**.

We hope you are able to take advantage of this very generous offer! [Click here to register today](#).

## IMA Announces the 70<sup>th</sup> Annual World Magnesium Conference – *2013 Call For Papers*

The International Magnesium Association (IMA) has issued a Call for Papers in preparation for the 70th Annual World Magnesium Conference to be held May 19 – 23, 2012 in Xi'an, Shaanxi Province, China. Recognizing the global nature of the **magnesium** industry, IMA is seeking industry technical papers with an international perspective. Presentations at the annual event are expected to address topics related to new emerging and process technologies, automotive and non-automotive applications, finishing and joining, environmental considerations and part processing. The official submission document may be downloaded from our website at: [http://www.intlmag.org/call\\_for\\_papers.html](http://www.intlmag.org/call_for_papers.html) or click [here](#).

\*\*\***Deadline for abstract submission is December 3, 2012.** Please submit abstracts to [info@intlmag.org](mailto:info@intlmag.org)\*\*\*

### Please Join Us for the 70<sup>th</sup> Annual World Magnesium Conference in Xi'an, China

The World Magnesium Conference is scheduled for May 19-22, 2013. This event is the premier international **magnesium** industry conference that highlights the latest technological advances, innovative applications, and emerging developments in the global marketplace. The conference combines informative technical sessions, exhibits, networking and social opportunities for a well-rounded industry experience.

- Industry Updates
- Technical Program, provide a wealth of information for **magnesium** industry professionals and address topics ranging from an overview of the current state of the **magnesium** industry to **magnesium** process breakthroughs, applications, and business management issues.
- Social Program
- Sponsorship Opportunities
- Awards of Excellence, IMA's competition recognizing outstanding **magnesium** products and innovative manufacturing technologies
- International Environmental Responsibility Awards
- IMA Annual Membership Meeting
- Exhibit Showcase
- Spouse Program
- Tours

Xi'an today sits in the fertile Wei River valley, one of the epicenters of early Chinese civilization. The area was home to the capitals of several major dynasties (historians count 11), stretching all the way back to the Zhou in the 11th century BC. The remnants of this ancient world are everywhere – from the First Emperor's Terracotta Army to the Muslim influence that still characterizes the city. Many of the city's attractions are unique not only to the city itself, but to all of China.

Click [here](#) for the 2013 IMA Annual World Magnesium Conference flyer.

### IMA Member Survey – Your Input Makes a Difference

All IMA members have the opportunity to provide their feedback about IMA membership. Your input makes a difference! Thank you in advance for your candid feedback. The survey will remain open until October 12, 2012.

Click on this link to start the Survey → [http://www.surveymonkey.com/s/2012\\_IMA\\_Member\\_Survey](http://www.surveymonkey.com/s/2012_IMA_Member_Survey)

Within this survey is also information about a possible partnership with CM Group that would provide IMA membership with Global Magnesium Industry analysis at a discount. Members who attended the 69<sup>th</sup> Annual World Magnesium Conference in San Francisco and subsequently participated in the post-conference survey, have already learned of this opportunity and do not need to complete this additional survey.

## The IMA Invites You to Join Our LinkedIn Group

LinkedIn is an excellent virtual networking tool and knowledge sharing resource, allowing people to make connections without actually going out and meeting people face-to-face and exchanging business cards. The venue offers the opportunity to exchange strategic ideas with a much larger base of **magnesium** professionals from around the world. With the steady popularity and increase in social networking popularity, LinkedIn fits in perfectly with the **magnesium** business professional networking environment.

Our IMA Group community is growing very quickly. We have 286 members worldwide who use LinkedIn for connecting with current business contacts to build and develop relationships to further levels as well as meet new professional contacts. It offers group discussions that create awareness and information sharing within the thriving **magnesium** community.

We encourage all IMA members to take advantage of the opportunities for **magnesium** discussion contributions and networking expansion. Utilize the IMA Group to meet amazing professionals within the **magnesium** industry across the globe. LinkedIn provides key resources that **magnesium** professionals need to be informed and even continue to grow.

Please visit our IMA Group website on LinkedIn and join today! You can find us here:

[http://www.linkedin.com/groups/International-Magnesium-Association-IMA-107283?goback=%2Eanp\\_107283\\_1346872555081\\_1](http://www.linkedin.com/groups/International-Magnesium-Association-IMA-107283?goback=%2Eanp_107283_1346872555081_1)

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## INDUSTRY NEWS

### **Advanced Magnesium Alloys Corporation (AMACOR )Announcement – Director of Sales and Marketing** **Press Release, [AMACOR](#) (24-Sep-2012)**

Jan A. Guy, Owner of Advanced Magnesium Alloys Corporation (Amacor) is very pleased to welcome Allen D. Giebelhaus as Director of Sales and Marketing for the company.

Allen comes to Amacor with over 30 years direct sales and senior sales management experience ranging from Fortune 500 to a smaller privately held business. He has developed, trained and led inside and outside sales groups and has many years himself of successful, direct sales experience. He is a recipient of the Malcolm Baldrige award that is widely recognized for excellence in sales and customer service.

Allen will be expanding sales and marketing programs to meet various growth initiatives underway at Amacor and Phoenix Global Enterprises (PGE) – producer of mini-mags from **magnesium** turnings. Allen will also be responsible for Amacor and PGE's customer service group.

Amacor is a privately held corporation recycling Class 1 **magnesium** scrap into high purity **magnesium** alloys for the automotive, structural and aluminum user industries and has 50,000 MT of installed production capacity in Anderson, Indiana. PGE utilizes proprietary technology to convert and process **magnesium** turnings into billet like products that are used in the secondary aluminum industry for alloy agents. PGE is located within the Amacor plant in Anderson, Indiana.

#### Contact Information

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## **US Auto Supplier Outlook Continues to Dim on Euro Crisis and Government Budget Concerns**

[www.metal-pages.com](http://www.metal-pages.com) (25-Sep-2012)

The US automotive supplier outlook continues to grow every gloomier as concerns over the European financial crisis and the US government budget “fiscal cliff” deepen, according to a latest survey by the Original Equipment Suppliers Association (OESA).

The OESA supplier barometer sentiment index, which is published every other month, fell to 46 in September from the July level of 55. Almost all of the respondents to the survey reported a sentiment outlook shifting towards greater pessimism.

It comes as the European financial crisis shows no sign of easing, while US economic uncertainty lingers and the country prepares for November’s elections.

The US government budget “fiscal cliff” is also causing concern as the government could have to find \$600 billion in spending reductions and expiring tax cuts at the start of 2013 unless a deal is struck to shrink the US budget deficit by at least \$1.2 trillion over the next decade.

These fears are offsetting increasing North American automotive production and sales volumes.

“Additionally, results of the pending election, US slow job growth, US tax policies and US regulatory policies were considered lesser threats but still a concern for the majority of suppliers,” the OESA reported.

Despite the growing pessimism, automotive sales surged 20% in August compared with a year earlier to hit about 1.28 million, which is the highest August sales figure since 2007.

## **The All New GH3 – Changing Photography**

[www.freshnews.com](http://www.freshnews.com) (17-Sep-2012)

Panasonic is proud to introduce the new Digital Single Lens Mirrorless DMC-GH3. The LUMIX GH3 is not just a compact, lightweight camera. It is an attractive, top-of-the-line mirrorless single lens system camera that is tough enough to withstand the extreme conditions of heavy field use.

The new Live MOS Sensor achieves high-resolution images with minimum noise. And the new Venus Engine attains high-speed, high-quality signal processing. These features combine to maximize shooting fun and operating ease. Another prominent feature of the LUMIX GH3 is a tough body that is rugged enough to stand up to professional use. It features a **magnesium** alloy full diecast body and advanced splash / dustproof construction that was achieved by sealing the sections of the camera body to enable shooting under extreme conditions. Although the LUMIX GH3 integrates features a class above other G Series models, it is still compact when compared with an SLR camera featuring equivalent performance and functions. The body has enabled a new control layout with three dials on the front and back as well as single-function buttons. The LUMIX GH3 allows users to capture images in extreme environments and provides superb mobility. It also records still images consecutively at a rate of about 6 fps. The LUMIX GH3 is proud to assume the role of Panasonic’s flagship digital single-lens mirrorless camera.



The video recording capability, which is highly acclaimed in the GH2, now comes with more variety of options in its format and bit rate to meet wide-ranging needs. It is packed with advanced technologies developed by Panasonic for professional video creation.

## EUROPE'S LATEST

### European Magnesium Market Edges up on China [www.metal-pages.com](http://www.metal-pages.com) (24-Sep-2012)

The European **magnesium** market has edged up in the past week despite quiet trade, with key exporter China seeing stronger domestic prices ahead of a week-long national holiday next week, industry sources told Metal-Pages on Monday.

Dealers in Europe said current illiquid trading conditions are expected to last in the near term as consumers are well covered until the New Year.

European spot **magnesium** prices are at \$3,200-3,250 a tonne basis in-warehouse Rotterdam, up \$50.

"The market is quiet in Europe and underlying consumption has been getting weaker, particularly as there is a downturn in the car sector," a dealer told Metal-Pages.

"China is leading the way at the moment in the absence of any fundamental stimulus."

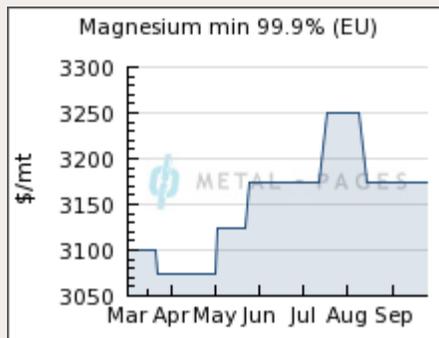
One dealer reported doing business for 50 tonnes of **magnesium** at \$3,300/tonne basis in-warehouse for Russian material, which is a stronger grade of material and has a premium above Chinese **magnesium**.

Much of that Russian material is produced at producer Solikamsk, which is mostly sold out this year.

Chinese prices, however, have been getting stronger in the past few days as consumers buy ahead of a vacation next week. The country will celebrate its mid-Autumn Festival and National Day between September 30 and October 7.

A few European producers have enquired about long-term deliveries of **magnesium** next year, although there has been no response.

#### Magnesium min 99.9% price for 20 Sep 2012



Market   
Price 3,150.00 - 3,200.00  
Previous 3,150.00 - 3,200.00  
Change 

The car sector, a major user of **magnesium** in secondary aluminium products, has been weakening in Europe this year and the outlook is bleak for the rest of this year at least.

European car sales fell 8.5% in August, for an 11th straight monthly fall led by makers such as Ford, General Motors and Fiat, and mid-market brands bore the brunt of the slump in markets including Italy, France and Germany, according to industry data last week.

Sales for the first eight months fell 6.6% to less than 8.6 million vehicles and industry bodies now expect 2012 sales to be the weakest in 17 years.

World annual production of **magnesium** is about 780,000 tonnes, according to the United States Geological Survey (USGS). China is the number one producer, making 670,000 tonnes of material last year, with Russia the second-biggest producer at 37,000 tonnes in 2011.

Longer term **magnesium** business for delivery in Europe in the second half of last year, was settled at some \$3,150-250/tonne basis delivered.

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## CHINA'S LATEST

### **China Magnesium Industry and Market Bulletin** **[www.chinamagnesium.net](http://www.chinamagnesium.net) (07-Sep-2012)**

#### **Market Focus**

##### **Magnesium Price Kept Stable**

From September 3rd to September 7th, ex-works quotations for 99.9 minimum ingots from leading production bases kept steady as indicated in Shanxi from 18,200 – 18,400 yuan, Shaanxi from 18,000 to 18,100 yuan and Ningxia from 18,200 – 18,400 yuan. Export prices stayed at 3,250 - 3,300 US dollars.

In Yuncheng, Shanxi, a source told Sunlight that they saw quite stable market for this week. Domestic market runs better against overseas. "I think the market will be steady before the annual conference of CMA, and after then, the market direction would be more clear." he said. "The overseas clients had few inquiries, and we had some small contracts done," he added.

Another Yuncheng-based source said this week's price tends to go up, however the market didn't response. "Many clients chose not to wait until the annual conference of CMA is held. I think it will go downwards," the source said.

A producer in Ningxia said the market was quite stable, and he believed it won't change much before the conference.

In Shenmu, a source told us that the price fluctuated a little due to the shortage of coal. He reckons the price won't drop much, because there is not much stock in this area.

#### **Industry News**

##### **Experts from Hong Kong University of Science & Technology and Xi'An Jiaotong University Visited Yulin for Coal Chemical and Magnesium Industry**

A delegation formed by the Hong Kong University of Science & Technology and Xi'An Jiaotong University visited Yulin, Shaanxi for its coal chemical and **magnesium** industries. Yulin held a cooperative seminar with the delegation and has discussion for further joint development.

The delegation inspected 500kt/a of medium temperature coal tar upgrading project by Shenmu Tianyuan Chemical, 1000kt/a of PVC cyclic and comprehensive project by Shenmu Beiyuan, and Fugu Jingfu Coal Chemical.

##### **China Exported 222.8 kt of Magnesium for January-July, Down 12.15%**

For the past 7 months of 2012, China's export of **magnesium** was 222.8 kt, down by 12.15% compared with the same period of 2011, according to the statistics of China Customs.

Among the exports, **magnesium** ingot was 101.4 kt, down by 16.58% y-on-y; **magnesium** alloy 58.3 kt, down 6.45% y-on-y; **magnesium** powder & granules 53 kt, down 2.28% y-on-y; wrought **magnesium** 4,613 tons, down 43.61%; and **magnesium** articles 5,267 tons, a decrease of 21.56% y-on-y.

##### **China Cut Magnesium Output Down 7200t in July Against in June**

According to the statistics of CNIA, china produced 54,700 tons of primary **magnesium** for July, down by 2.84% year on year and a decrease of 7,200 tons compared with Jun..

Among the output, Shaanxi produced 24,700 tons, up by 13.3% y-on-y; Shanxi 19,600 tons, down by 20% y-on-y, Ningxia 5,400 tons, down by 31.65% y-on-y, Xinjiang 2,100 tons, up by 10.53% month by month, and Jilin 1,200 tons, up by 300% y-on-y.

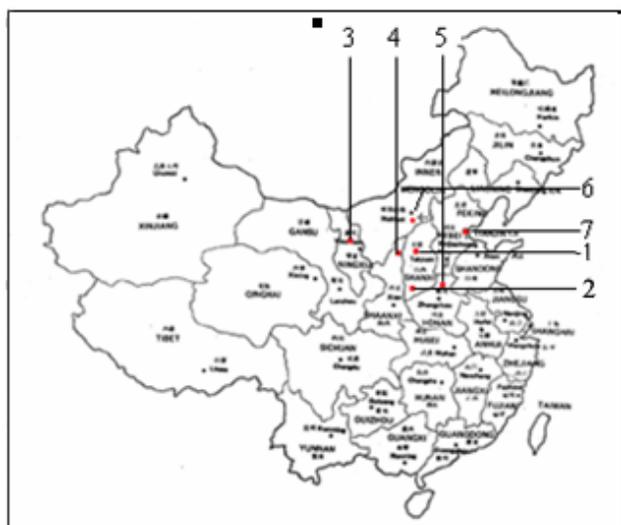
## Price Indicators

### Sunlight's Price, Pure Magnesium (>99.8%) and Aluminium

Item		Magnesium Price	Unit
Shanxi Province	Taiyuan City,ex-works <sup>1</sup>	18200-18400	RMB yuan/ton
	Yuncheng City,ex-works <sup>2</sup>	18300-18500	RMB yuan/ton
Ningxia Autonomous Region, ex-works <sup>3</sup>		18200-18400	RMB yuan/ton
Shaanxi Province, ex-works <sup>4</sup>		18000-18100	RMB yuan/ton
Henan Province, ex-works <sup>5</sup>		None	RMB yuan/ton
Inner Mongolia Autonomous Region, ex-works <sup>6</sup>		None	RMB yuan/ton
FOB Xingang, Tianjin <sup>7</sup>		3250-3300	USD/ton
CIF, Rotterdam Port		3340-3390	USD/ton
CIF, Toronto Port		3360-3420	USD/ton
Date	SHFE Spot Aluminium	Unit	
3-Sep.-2012	15440/	RMB yuan/ton	
7-Sep.-2012	15500/	RMB yuan/ton	

### SHFE: Shanghai Future exchange

(Exchange Rate of USD versus RMB is 6.3248 on September 7<sup>h</sup> based on <http://www.boc.cn/>. We placed a Chinese map here to mark the major production bases and Xingang Port of Tianjin for your reference.)



#### Note:

1. All the ex-works prices are VAT-paid.
2. The FOB price is based on ex-works basis, plus inland freight and miscellaneous expenses at Xingang Port of Tianjin. Because the distance from these six production bases to Xingang Port is different, their land freights also vary. FOB price includes 10-percent exports tariff from Jan. 1, 2008.
3. CIF prices are based on FOB price plus ocean freight and insurance, which will also vary time by time.
4. When getting ex-works price and FOB price, we give some weight numbers to each respondent and then get the weighted average prices.



# Marketplace

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- Members: \$100
- Non-members: \$150
- Blind Box Number: \$50 additional

For more information or to place an ad, please contact the IMA office by phone at (847)526-2010 or by email at [info@intlomag.org](mailto:info@intlomag.org)