



## DTE converts coal plant to biomass

DTE Energy Services (DTEES), headquartered in Ann Arbor, Michigan, is acquiring a significant interest in the 49.5-megawatt Mt. Poso cogeneration company power plant near Bakersfield, California. DTEES will operate the plant and co-lead its conversion to operate on 100 percent biomass fuel, primarily wood fuel derived from urban wood waste, tree trimmings and agricultural residues.

One of Mt. Poso's three current partners, MacPherson Oil, will continue to have an ownership and management interest.

See **BIOMASS PLANT**, Page 8

## Domestic shredders starving for feedstock



■ Focus Section Cover, Page B1

# Fishing for discarded vehicles and scrap in America's waters

by **MIKE BRESLIN**

*mbreslin@americanrecycler.com*

Unfortunately, rivers, riverbanks, lakes, swamps and flood plains across the country have been a traditional and convenient, though illegal, dumping ground for all types of vehicles and automotive parts, primarily old tires and rims. Much of this practice has been curtailed through environmental education and stiff fines, but there remain tens of thousands of old, rusting vehicles and parts yet to be recovered and recycled.

However, the great clean up of American rivers and wetlands is well underway and recovering lots of autos, scrap metals and trash. This relatively recent phenomenon began to gain public interest in the mid 1960s. It became more serious in 1973 with the formation of American Rivers, which has grown to become the leading conservation organization that supports healthy rivers for the benefit of people, wildlife and nature. Today, American Rivers has offices in Washington, DC and around the country with more than 65,000 members and supporters.

A primary step in undoing the damage of the past is cleaning out man-made debris from rivers, streams and wetlands – old cars, trucks, even school buses being the largest-sized culprits. It's a dirty, hard job, mostly being done by groups of volunteers across the country. Each year they are recovering thousands of tons of ferrous and nonferrous metals, rubber, glass and plastics.

American Rivers is also a sponsor of the National River Cleanup, the most successful stream clean up program in the country. It is a year-long event that taps into the civic pride of tens of thousands of volunteers across the country. Since its launch by America Outdoors in 1991, more than 900,000 volunteers have participated in thousands of clean ups across the country, covering more than 162,000 miles of waterways. These clean ups have removed more than 8.7 million pounds of litter and debris from rivers and streams. National River Cleanup



A Living Lands & Water crew cuts up an old vehicle that washed up during a flood. Cars and trucks can accumulate along riverbanks. Organizations are needed to clean up and recover the material.



2009 was the most successful year to date, with more organizers and clean ups than ever before.

The United States has more than 250,000 rivers that stretch over more than 3.5 million miles. Unfortunately, nearly 40 percent of the rivers and streams are too polluted for fishing and swimming, and 30 percent of native freshwater fish species in North America are threatened or endangered. Rivers have been dredged

and channeled for navigation, dammed up for hydroelectricity, recreation and water supplies, and polluted by untreated sewage and chemical effluents. In addition, more than 50 percent of wetlands have been lost over the past century.

Many government, private organizations and volunteer groups are working to remedy these problems, primarily because of wide recognition that clean

See **WATER CLEAN UP**, Page 6

CHANGE SERVICE REQUESTED

PRST STD  
U.S. Postage  
PAID  
Columbia, MO  
Permit No. 353

1.2011

## WHAT'S INSIDE

Scrap Metals MarketWatch.....	14
Salvaging Millions.....	16
Events Calendar.....	18
Business Briefs.....	18
New Product Showcase.....	19
AR Classifieds.....	20
Focus Section.....	B1
Equipment Spotlight.....	B4
A Closer Look.....	B6

- Solar power plant to be constructed in Prescott, Arizona. Page A7
- Opponents decry passage of Los Angeles County bag ban. Page A17
- Texas Disposal Systems wins verdict against WM. Page A10
- Nissan LEAF system named to Ward's 10 Best Engines. Page B3
- European metal recycling market on course for growth. Page A14
- Recycled clothing finds a new home inside Ford Focus. Page B5

**American Recycler**

900 W. South Boundary, Bldg. 6  
Perrysburg, OH 43551-5235



**IT'S RELIABLE.  
IT'S DURABLE.  
IT'S GOT A LEGACY  
OF PERFORMANCE  
BEHIND IT.**

### IN OTHER WORDS, IT'S A MAC.

In 42 seconds, you could be set up and ready to work. Our fully automated, remote-controlled Big MAC QS lets you get in, get to work and get going in less time than ever before. Since the day we opened our doors over 40 years ago, we've built every MAC Crusher right here at our plant in Texas. And while we build some of the most powerful and durable machines anywhere, we became the industry leader by standing behind every MAC we sell.



### QUICK SETUP DESIGN



### Are you ready to get to work?

Call Greg Wright at (877) 582-7800  
or sales@granutech.com

Big MAC QS Flatteners are a product of  
Granutech-Saturn Systems Corporation  
201 East Shady Grove Road  
Grand Prairie, TX 75050 • granutech.com  
(877) 582-7800 • Fax (972) 790-8733



## California bestows 2010 WRAP award to Stater Bros.

Stater Bros. eliminated 141,489,966 pounds of waste from landfills

Stater Bros. introduced a "Green Waste" composting program in all its 167 Supermarket locations to turn organic waste into compost that is sold to area farmers. For this environmentally friendly program along with the company's many other recycling efforts, Stater Bros. was recognized as a 2010 WRAP (Waste Reduction Awards Program) winner by the California Department of Resources Recycling and Recovery.

In total, Stater Bros. eliminated 141,489,966 pounds of waste from landfills in 2009. The new Stater Bros. composting program kept over 27 million pounds of waste from going to landfills in its 8 months of operation in 2009. The company's other notable green programs include recycling cardboard (over 74 million pounds in 2009), recycling sustainable rendering products (over 8.5 million pounds in 2009), donating food to local food banks (over 3.8 million pounds in 2009), and recycling plastic bags (over 2.8 million pounds in 2009). In addition, the company's weekly ad is printed on recycled paper, and Stater



Bros. participates in California's Voluntary Demand Response Program to reduce energy consumption at store level when demand is high.

Stater Bros. has also established an employee Green Team with representatives from all areas of the company. The Green Team is committed to reviewing, selecting and implementing business practices that promote the long-term well being of the company, the community, and the environment that we all share.

## Minnesota expands holiday light recycling program

With the holiday season now over, Recycle Your Holidays™, a statewide holiday light recycling program of The Recycling Association of Minnesota (RAM) in partnership with WCCO TV, Xcel Energy, Ace Hardware and CERTS, is in full swing.

This is the first-of-its-kind holiday light recycling program which kicked off on November 15, 2010. To date, there are over 250 collection locations statewide and is well on its way to exceeding the goal of collecting 200,000 pounds of holiday lights. Customers of Randy's Environmental Services of Delano, Minnesota, can also recycle their holiday lights in their curbside recycling container.

"Recycle Your Holidays recycles every part of the light strings. Even the little lights are recycled by another project partner Green Lights Recycling," stated Ellen Telander, executive director of RAM. "Our goal last year was to recycle 50,000 pounds of lights, which we more than doubled. We also encour-

age Minnesotans to make the switch to LED light strands, which will save a lot of energy."

Recycle Your Holidays is a unique grass-roots program of RAM, which employs adults with disabilities from local vocational centers throughout the state. It is free for businesses or organizations to participate and it offers free collection of holiday lights, free collection bins and signs. It's a win-win for businesses and organizations who want to provide a unique way to go green.

According to estimates by the Clean Energy Resource Teams, recycling 50,000 pounds of lights in Minnesota would save about 530,000 kilowatt hours, or approximately 960,000 pounds of carbon dioxide – that's the same as powering 55 Minnesota homes for a year, or taking 75 average-sized cars off the road. This is assuming 20,000 pounds of lights are replaced with LEDs by homeowners with lights used for about 6 hours per day from Thanksgiving to New Year's Day.



## Get Results

"We advertised in every recycling magazine for years and never got the results like we get from American Recycler.

Simply put, if you want to reach serious equipment buyers, there is no other publication."

Advertising works.

877-777-0737

—John Kitchens, Vice President  
Iron Ax, Inc.



## Sun Life Stadium welcomes new recycling program



The PepsiCo Dream Machine recycling initiative has partnered with Sun Life Stadium, home of the National Football League's Miami Dolphins, to make recycling bins and interactive kiosks available to stadium visitors. Five Dream Machine interactive kiosks and more than 70 static bins are now available throughout the stadium and parking lot to capture plastic and aluminum beverage containers.

Fans are encouraged to begin recycling plastic bottles and aluminum cans in a Dream Machine every time they are at the stadium.

The Dream Machine recycling initiative – a multi-year collaboration between PepsiCo, Waste Management, Greenopolis and Keep America Beautiful – is designed to give people a convenient and rewarding way to recycle on-the-go, and drive success against PepsiCo's goal of increasing the United States beverage container recycling rate from 34 to 50 percent by 2018.

Dream Machine kiosks are computerized receptacles that operate on the Greenopolis platform and use an innovative point system to reward individuals for every bottle or can they recycle in a kiosk. Users can redeem their points for discounts on entertainment, dining and travel by visiting [www.greenopolis.com](http://www.greenopolis.com).

Since the program launched in April 2010, static bins and interactive kiosks have been placed in 14 states at high-traffic locations such as gas stations, shopping malls, sports arenas and university campuses.

## Hill Air Force Base plans to develop recycling facility

Officials with the United States Air Force said that they are planning to develop a recycling and waste-handling facility on the Hill Air Force Base in Utah.

Harry Briesmaster, 75th Civil Engineering Group director at Hill, said the Air Force Real Property Agency and Hill will soon begin negotiations with Ogden Hill Community Energy LLC to develop a state-of-the-art recycling and waste-handling facility there that could ultimately process up to 120,000 tons of recyclables and 200,000 tons of municipal solid waste per year.

The facility is part of a much larger \$1.5 billion enhanced-use lease redevelopment at Hill AFB, which is the largest such project in the history of the Air Force.

# Plastic bottle recycling achieves two decades of year-over-year increases

Recycling rate for plastic bottles reaches high of nearly 2.5 billion pounds

Plastic bottle recycling by consumers increased by 46 million pounds in 2009 (up 2 percent), to reach a record high of nearly 2.5 billion pounds for the year, according to figures released jointly by the American Chemistry Council (ACC) and the Association of Postconsumer Plastic Recyclers (APR).

The 20th annual National Post-Consumer Plastics Bottle Recycling Report also marks the 20th consecutive year that Americans have increased the pounds of plastic bottles that have been returned for recycling. The pounds of bottles collected for recycling has grown each year since the industry survey began in 1990. The recycling rate for plastic bottles rose nearly 1 percent to reach 28 percent in 2009.

"Two decades of increased collection year-over-year shows that Americans are committed to recycling," said Scott Saunders, vice president and general manager of KW Plastics in Troy, Alabama, and chairman of APR. "Valuable recycled plastic materials go on to become useful products, such as automotive parts, carpeting, fleece jackets,

durable outdoor lumber, new bottles and containers. By recycling our used plastics, all of us can help support green jobs and green businesses," Saunders said.

America's plastics and recycling industries continue to invest in developing technologies and innovative programs to increase awareness of recycling opportunities among consumers and expand access to away-from-home recycling bins.

A recent step forward in the recycling of plastic bottles involves replacing the caps. "Recyclers now want consumers to place caps back on bottles prior to recycling, said Steve Alexander, executive director of APR.

"By twisting caps back on our bottles before placing them in the bin, we can help make sure this valuable material stays out of the litter stream and gets into the hands of recyclers," Alexander said.

APR, which represents more than 90 percent of the postconsumer plastics recycling capacity in North America, has initiated a series of recycling workshops and webinars for recycling officials to

help increase the volume of plastics available for recycling. In addition, APR works closely with packaging and consumer product companies on design for recycling of new containers and works with industry to minimize contamination of the recycling stream.

ACC, which represents the makers of plastic resins, has partnered with the California Department of Parks and Recreation and the non-profit Keep California Beautiful to place nearly 700 recycling bins at 19 locations along the California coast. ACC recently expanded its partnership efforts by teaming up with the California Department of Transportation (CalTrans) to place recycling bins at rest stops on route to popular tourist destinations. Data show that each year, bins placed through the campaign help to recycle roughly 45 tons of plastics (and more than 100 tons of other materials) in public spaces along California's coast.

For a direct link to the full report, view this article on [www.AmericanRecycler.com](http://www.AmericanRecycler.com).

## Massachusetts recycles 36,630 tons of material

Seventy-seven western Massachusetts municipalities recycled a total of 36,630 tons of paper, plastic, metals and glass from July 2009 through June 2010, with the municipalities receiving \$1.14 million in payments for the recyclables delivered.

The recyclables were processed at the Springfield Materials Recycling Facility (MRF), a public facility owned by the Massachusetts Department of Environmental Protection (MassDEP) and operated by Waste Management Recycle America (WMRA).

The pricing for recyclable commodities remained high for the entire fiscal year, allowing for a revenue share each month. The average revenue share over the 12 month period was approximately \$39 per ton. Paper is recycled into hardcover book board and game board at the Newark Paperboard Mill in Fitchburg. Plastics are sold to companies that make them into fiberfill, recycling bins, buckets and new bottles.

## River clean up project completed





The United States Environmental Protection Agency (EPA), the state of Ohio and the Ottawa River Group have completed a major clean up project on the Ottawa River. The project involved dredging contaminated sediment from 5.5 miles of the Ottawa River in Toledo, Ohio.

EPA provided \$23.5 million for the project through the Great Lakes Legacy Act. The Ottawa River Group also provided \$23.5 million and the City of Toledo provided space in its municipal landfill as its cost share.

"In the more than two decades it's been in operation, the Springfield Materials Recycling Facility has kept nearly two billion pounds of solid waste out of landfills and incinerators, repurposing materi-

als for myriad new uses while saving energy and water and providing revenue for cities and towns," said energy and environmental affairs secretary Ian Bowles, whose office includes MassDEP.

## Aluminum Sweat Furnaces —An Essential Tool for Recycling Aluminum—

AK8500	AK8000	AK7000	AK6000
			
Model No.	Capacity Example	Holding Chamber (approx. weight)	
AK3500	8-9 transmissions	500-600 lbs.	
AK5500	15-16 transmissions	750-800 lbs.	
AK6000	20-22 transmissions	850-900 lbs.	
AK7000	40-45 transmissions	1,200-1,500 lbs.	
AK8000	50-55 transmissions	3,000-3,200 lbs.	
AK8500	70-80 transmissions	4,500-5,000 lbs.	

Waste oil and gasoline burners are also available.  
Other models and sizes available to fit any need!



Aluminum King Manufacturing, Inc.  
641-732-5558 • Fax 641-732-1385  
[www.AluminumKing.com](http://www.AluminumKing.com)

At today's fuel price, cost of operation is .02¢ per pound with 50% recovery material.  
—AK Customers Only—  
Call us for the current market rate for sows.

Aluminum King furnaces meet the industry standards and are backed by a company with a solid reputation.  
Our years of experience provide the best customer support.



# Appliance recycling program exceeds 15,000 units its first year

PPL Electric Utilities, located in Pennsylvania, estimates that its customers saved 26,000 megawatt-hours of energy over the past year by participating in the company's E-power appliance recycling program.

Since the program's launch in November 2009, PPL Electric Utilities customers have recycled more than 15,000 older, energy-wasting refrigerators, freezers and room air conditioners.

The company contracts with JACO Environmental to manage its appliance

recycling program. Customers are paid \$35 for a refrigerator or freezer, and pickup is free. Customers receive a \$25 incentive for recycling their old room air conditioners, but those must be recycled along with a refrigerator or freezer. Ninety-five percent of the materials are recycled and reused.

PPL Electric Utilities' goal is to recycle about 70,000 appliances by May 2013.

Older refrigerators or freezers typically are kept in garages and basements and used to store extra food or beverages.

Most are underused and can cost as much as \$150 a year to operate.

In addition to incentives to recycle, E-power also offers customers rebates on certain energy-efficient appliances such as refrigerators and clothes washers.

The program is limited to the removal of two units per household and is available to PPL Electric Utilities residential electric customers. To qualify, refrigerators and freezers must be in working order with an inside measurement of 10 cubic feet or more.

## Agreement increases glass recycling market

Ohio Governor Ted Strickland announced that Ohio's glass recycling market will be strengthened by an innovative agreement between Rumpke, Inc. and Owens-Illinois, Inc. Facilitated by the Ohio Department of Natural Resources' (ODNR) Division of Recycling and Litter Prevention, the agreement will enable Rumpke to provide recycled glass feedstock to Owens-Illinois (O-I).

Recycled glass is used in the production of new glass containers. Historically, glass recycling has been a challenge for some Ohio communities when it has not been economically feasible. Further, Ohio's recycled glass has not met the specifications of large users, such as O-I. This agreement between these two Ohio businesses will begin to close the loop on glass recycling in the state.

"Instead of looking outside of the state, Ohio companies, such as Owens-Illi-

nois, can now utilize a valuable resource – locally recycled glass materials from Ohio's community recycling programs – which provides economic as well as environmental benefits to Ohioans," Strickland said.

The agreement calls for O-I to provide technical assistance to Rumpke in the development of a recycled glass treatment center which will provide up to 40,000 tons of ground glass annually. O-I agrees to purchase the majority of recycled glass cullet handled by Rumpke. Both businesses will work with ODNR to increase municipal glass recycling programs across Ohio.

Rumpke's plans to expand their Dayton processing plant will create at least 20 jobs, which will also benefit other haulers and brokers, as well as improve regional glass collection programs. According to the Environmental Protection Agency, the

recycling and reuse industry employs more than 1.1 million people, generates an annual payroll of nearly \$37 billion and grosses more than \$236 billion in annual revenues.

Because of this partnership, more recycled glass can be processed to meet the needs of Ohio industry. The current market for recycled glass yields between \$5-15 per ton. It is expected that the improved processing of glass collected in Ohio will enable community recycling programs to increase glass recycling collections, rather than sending glass waste to landfills.

The last waste characterization study conducted in Ohio concluded that nearly 60 percent of the waste going into state landfills can be recycled. Of that, five percent by weight is glass. ODNR has begun analyzing how much glass can be recycled and how to increase glass recycling.

## 2010 Great American Cleanup results are in

Nearly 4 million volunteers, working on behalf of thousands of local organizations across the nation, put in 5.7 million volunteer hours enriching their communities by making them cleaner, greener and safer during Keep America Beautiful's 2010 Great American Cleanup™.

With more than 30,000 events taking place in 33,700 communities nation-

wide, the scale of this national grassroots effort to revitalize neighborhoods and renew civic pride was enormous.

The 2010 results, from data collected from the three-month program (March 1-May 31), were:

- 76 million pounds of litter and debris were removed from public lands and rights-of-way, including 70,000 acres of parks and public lands, nearly

7,000 miles of rivers, lakes and shorelines, over 10,000 acres of wetlands, and 3,400 miles of hiking, biking and nature trails.

- 3,100 playgrounds and community recreation areas were improved, restored or constructed.

- 6,500 illegal dump sites were remediated.

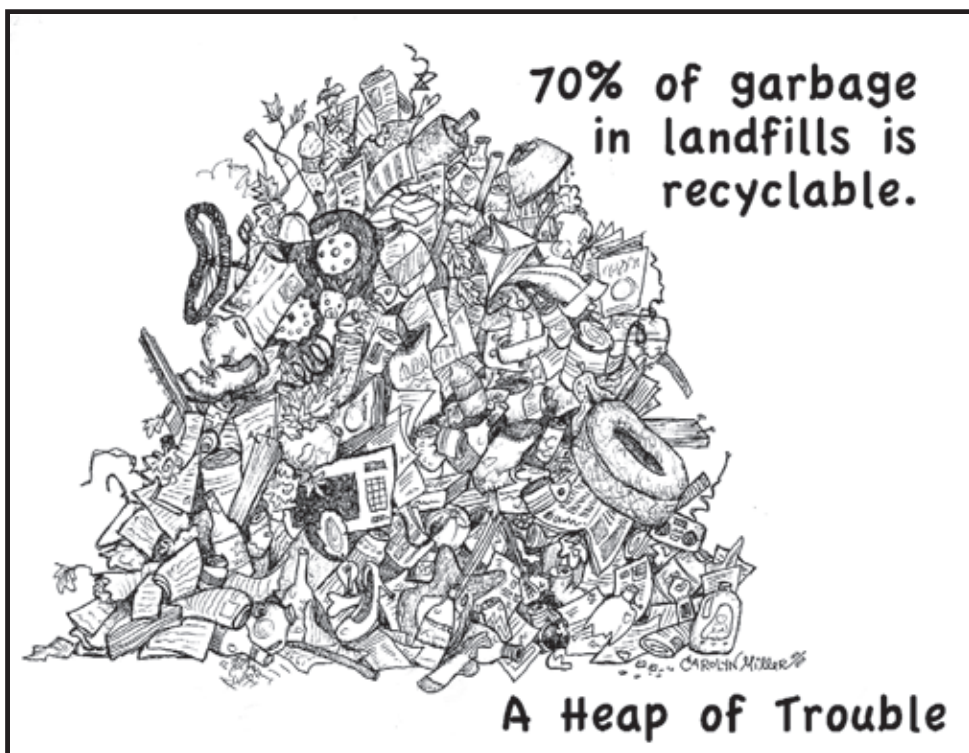
Across the board, recycling totals reached new heights in 2010 representing a greater emphasis by participants and communities on recovering valuable resources:

- More than 266 million plastic bottles were collected for recycling, many through school-based programs, the most plastic bottles ever collected during the Great American Cleanup.

- The 7.2 million pounds of electronics collected for recycling represented a 5 percent increase over 2009. Moreover, volunteers kept 15.3 million pounds of aluminum and steel out of landfills through their collection efforts, a 12 percent increase from 2009.

- 1.1 million tires were collected for recycling, a 22 percent increase from last year.

- 91.5 million pounds of newspaper were collected for recycling, 150 percent more than 2009.



**American Recycler**  
NewsVoice of Salvage, Waste and Recycling

877-777-0737 Fax 419-931-0740

### Publisher and Editor

**ESTHER G. FOURNIER**  
esther@AmericanRecycler.com  
news@AmericanRecycler.com

### Editorial Focus Section Editor, Production and Layout

**DAVID FOURNIER, JR.**  
david@AmericanRecycler.com

### Production and Layout

**MARY E. HILL**  
mary@AmericanRecycler.com

### Marketing Representatives

**MARY M. COX**  
maryc@AmericanRecycler.com  
**MARY E. HILL**  
mary@AmericanRecycler.com

### Circulation Manager

**DONNA L. MCMANUS**  
donna@AmericanRecycler.com

### Writers and Contributors

**MIKE BRESLIN**  
mbreslin@AmericanRecycler.com  
**DONNA CURRIE**  
dcurrie@AmericanRecycler.com  
**RON STURGEON**  
rons@rdsinvestments.com

### Production Offices

900 W South Boundary, Bldg 6  
Perrysburg, OH 43551-5235  
877-777-0737 fax 419-931-0740  
www.AmericanRecycler.com

American Recycler is published 12 times per year, postage paid at Columbia, Missouri.

**SUBSCRIPTIONS:** Call our offices at 877-777-0737 or visit [www.AmericanRecycler.com](http://www.AmericanRecycler.com). US 1 year \$48; 2 years \$72.

© COPYRIGHT 2010 by American Recycler. All rights are strictly reserved and reproduction in whole or in part is prohibited without prior written permission from the publisher.

Submission of articles, artwork and all photography must be accompanied by a self-addressed stamped envelope if a return of materials is wanted. Byline contributors' views should not be construed as representing the opinion of the publisher.

American Recycler reserves the right to edit any and all material submitted for publication. All Letters to the Editor must be signed and include a telephone number for verification. The editor of this publication does not accept responsibility for statements made by advertisers herein.



**PRINTED ON RECYCLED PAPER**



## E.L. Harvey & Sons recognized for recycling and waste reduction

The Massachusetts Department of Environmental Protection (MassDEP) presented E.L. Harvey & Sons with a Massachusetts WasteWise "Endorser of the Year" award in recognition of the company's on-going efforts at promoting recycling and waste prevention to Massachusetts businesses.

A WasteWise Endorser agrees to recruit organizations to become WasteWise partners and to provide members with promotional, educational or technical information about reducing waste.

"Since 1994, E.L. Harvey & Sons has been actively promoting the benefits of the WasteWise program to their customers," said MassDEP commissioner Laurie Burt. "In 2009, they partnered with MassDEP to host a workshop on paper recycling, attracting business, industry and regional state governments. Their hospitality, company pride and commitment to fostering business recycling are commendable and very much appreciated."

E.L. Harvey & Sons is a family-owned and operated waste management company headquartered in Westborough. The company provides waste reduction and recycling services to businesses, communities and homeowners in central Massachusetts. E.L. Harvey & Sons also operates a full service paper recycling and construction and demolition debris recycling operation.

## WM of the Pacific Northwest acquires Glacier Recycle

Waste Management of the Pacific Northwest (WM) has entered into an agreement to acquire Glacier Recycle, which provides comprehensive recycling services for the construction industry. WM officials said the acquisition will expand the company's green services related to waste reduction, waste recovery and the processing of waste into new materials.

Glacier recycles construction materials and processes recovered wood for the manufacturing of recycled wood products and for use as biomass fuel. Through its wood processing facility in Auburn and its rental containers for construction sites, Glacier serves the entire Puget Sound area.

Dean Kattler, WM's vice president-Pacific Northwest, said the integration of Glacier's processing facilities will allow WM to significantly increase its construction recycling in the Puget Sound region. He said it will also position WM to provide services to support the continued growth of green building and LEED certification across the region.

*Think about this: How cold is it supposed to be if it's zero degrees outside today and it's supposed to be twice as cold tomorrow?*

## Honeywell's UOP gets 2010 sustainable energy award

UOP LLC, a Honeywell company, has been awarded the American Institute of Chemical Engineers (AIChE) 2010 Sustainable Energy Award for its work on biofuels process technology.

The award from AIChE recognizes contributions toward the innovation, sustainability and conservation of energy through the application of chemical engineering.

Rajeev Gautam, president and CEO of Honeywell's UOP, said, "The solutions we have created to convert biological feedstocks into real, drop-in fuels are not only economically viable under current regulations, but they are aligned with today's standard refinery practices and can greatly contribute to the reduction of greenhouse gas emissions."

Honeywell's UOP was recognized for developing process technology to broaden the range of feedstock options for the creation of high quality biofuels.

Honeywell's UOP and Eni SpA jointly developed the UOP/Eni

Ecofining™ process, which uses hydroprocessing technology to convert non-food natural oils and animal fats to Honeywell Green Diesel™ fuel. The product, which is chemically indistinguishable from traditional diesel fuel, offers improved performance including a higher cetane value, excellent cold-flow performance and reduced emissions over both biodiesel and petroleum-based diesel. Green Diesel offers value as a blending stock for refiners seeking to enhance existing diesel fuels and expand the diesel pool.

The company has also developed the process to produce Honeywell Green Jet Fuel™ for use in commercial and military aircraft. The process produces an aviation fuel that meets or exceeds all critical specifications for flight while offering reduced emissions. To date, Green Jet Fuel has been proven for flight on six commercial biofuel flights and several jet and helicopter flights with the United States Navy and Air Force.

## Dallas Habitat for Humanity noted for energy efficient homes

The United States Environmental Protection Agency (EPA) recognized Dallas Area Habitat for Humanity (DAHFH) and Dallas Sustainable Skylines Initiative (DSSI) for building 40 energy-efficient homes. The organizations found innovative ways to provide quality housing using standardized construction templates while working under a tight budget. DSSI paid for energy efficient upgrades in the homes.

DSSI partners Texas A&M University, Energy Systems Laboratory and TexEnergy Solutions conducted a study to gauge energy savings and cost-effectiveness the efficiency upgrades would provide. The results showed that the families will use 10 to 12 percent less energy for 3 bedroom homes and 21 to 22 percent less energy for 2 bedroom homes when compared to the standard building code in effect at time of construction.

The homes, located in Frazier Courtyard in Dallas, Texas, are part of

DSSI's Affordable Green Homes Initiative that began in 2008. The homes were among the first Habitat For Humanity homes in the country built to LEED Silver standards, the US Green Building Council's certification for environmentally friendly projects.

## ISRI announces award nominations

Begun more than 20 years ago, the Institute of Scrap Recycling Industries, (ISRI) Design for Recycling® initiative encourages manufacturers to think about the ultimate destiny of their products during the design-stage of a product's development.

The Design for Recycling Award is ISRI's highest award that is given to the most outstanding contribution to products designed with recycling in mind.

In order to be considered for the Design for Recycling Award, candidates must demonstrate progress towards ensuring their products can be recycled safely and economically, using existing recycling technologies and methods; eliminating or significantly reducing materials that may impede recycling, including hazardous or toxic materials; increasing the yield of a product's recyclable materials; and the increased use of recycled materials in manufacturing.

In recognition of such proactive steps by manufacturers, ISRI annually awards the "Design for Recycling Award" to companies that have actively incorporated Design for Recycling principles into their products and manufacturing processes.

Previous award winners have included the United States Environmental Protection Agency, computer manufacturer Hewlett-Packard, furniture maker The Herman Miller Company, and Coca-Cola Recycling Company. The award ceremony is held in conjunction with ISRI's Annual Convention and Exposition.

# WHEEL CRUSHING?

**Increase your bottom line with *MULTITEK!***



**For light car to heavy truck—**

• diesel • electric • gas

For nearly 30 years, we've manufactured the industry's leading wheel crushers, firewood processors and skid steer attachments. We set the standard by which all others are measured!

**CALL TODAY! 800-243-5438**



# MULTITEK

## NORTH AMERICA, LLC

[sales@multitekinc.com](mailto:sales@multitekinc.com)

[www.multitekinc.com](http://www.multitekinc.com)



# Water clean up

■Continued from Page 1

water and a healthy ecosystem are critical to everyone's best long term interests.

Bob Brischetto, PhD and clean up coordinator for the Medina River Protection Fund of Lakehills, Texas said, "This last year we collected \$500 worth of metals that we removed from the river. We do it once a year in May and about 250 people show up to help out. We pulled out cars and a 20-foot horse trailer and had to cut them up with torches. We removed a lot of metal. We had a local guy, Dave Cox, who comes in with his crew and equipment and separates the metals. He claims the scrap value to compensate for his expenses. We may rethink that. Next year we may try to get volunteers to recycle the metals so the money goes back into the non-profit fund."

For the past 10 years, Brischetto's group has cleaned up a 50-mile stretch of the Media River, which runs into the San Antonio River. "It's mostly a rural area. There are only two bridges that cross the river in our area so we don't get a lot of cans, bottles and trash. When we have heavy rains, floods wash whole homes and sheds, mobile homes and metal roof materials into the river. We also recover a lot of discarded barbed wire. We removed a car that was in two parts and a lot of metal decks. We have to rely on the cooperation of farmers and ranchers along the river. Last year, we had a farmer bring his front-end loader to help remove a refrigerator. One year we removed seven refrigerators. It's an annual battle to keep things out of the river that get washed down."



Old engine blocks, car frames and mufflers are purged from rivers during floods.

Brischetto reported that it costs between \$1,500 and \$2,000 to hold the river clean up every year. That pays for a barbeque for all the participants and t-shirts. Everything else is contributed by local citizens, businesses, the state and American Rivers.

When it comes to big river clean ups like on the Mississippi, Ohio and the Missouri, the most impressive group is Living Lands & Water (LL&W), a 501c3 environmental organization established in 1998 by Chad Pregracke in East Moline, Illinois. Since its founding, LL&W has hosted 421 clean ups in 14 states with 55,471 volunteers collecting 6,102,000 pounds of garbage along 16 rivers, including tons of metals.

Geoff Manis, crew leader at LL&W, who has been working rivers since 2004, told us about collecting scrap metal and how it helps underwrite the clean up effort. "The power of hydraulics is incredible. When a river floods it picks up objects. It does not matter what it is or how heavy, it takes it down river.

When the water drops down it usually winds up leaning against a tree or in a logjam. There are hundreds and hundreds of islands on the Mississippi River and that's where a lot of it ends up, right at the head and tail of the island. We recover lots and lots of cars and metals that are washed out of rivers during floods that wind up on banks, flood plains, or snagged on islands."

"About 90 percent of the vehicles we are picking up are 20, 30 and 40 years old. We recover vehicles and metals that the average scrapper can't get to because of where they are located."

LL&W uses 30-foot aluminum Jon Boats powered by 135 hp outboards to harvest metals and trash. Each boat can haul up 7,000 pounds of material.

After being purged from the river, 99 percent of scrap metal and other trash is taken offland. Crews use steel saws and acetylene torches to dismantle some objects, but it is mostly hand labor loading boats. "We find hundreds of steel 55-gallon drums. We've cut up sunken barges, a lot of steel cables from the marine industry, a circa 1960s school bus, dozens of cars and all kinds of weird dimensional steel," Manis reported.

Appliances are a large segment of LL&W recovery. "We have found thousands of refrigerators. On the Ohio River in a 2-mile stretch, we found over 100 refrigerators. In many communities, where recycling programs are not as good as others, it costs money for people to get rid of appliances, tires and rims. Rather than pay out of their own pockets they will throw them in a creek or in the river valley and they get carried off down river during floods." Occasionally, LL&W finds refrigerators floating down river and muscles them into a boat.

Manis said they recover tens of thousands of tires and rims. "We fill our barges up with tires two or three times a year, half of which have rims from cars, trucks, tractors and semis."

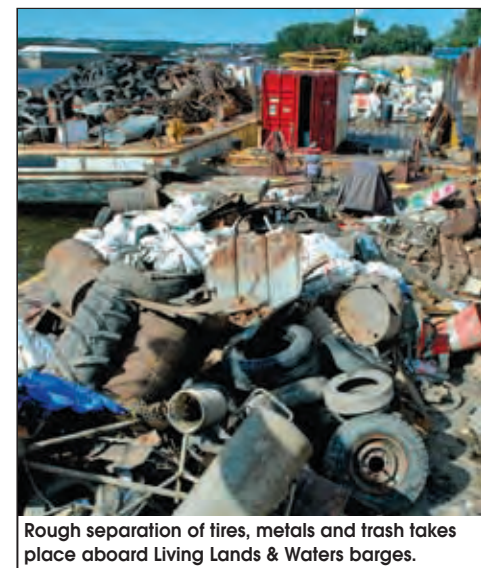
The list of items recovered from rivers by LL&W in 2009 is truly mind-boggling. A few examples: 58,102 tires, 842 refrigerators, 1,169 propane tanks, 5,285 55-gallon drums, 18 tractors, 8,024 feet of barge cable and 54 messages in a bottle.

"I would say that metals account for 50 to 60 percent of the weight we pick up. There are huge amounts of Styrofoam, too. We could fill an airport runway probably three or four times over, two feet thick with it. In my estimation, we've picked up millions

of plastic bottles and steel and aluminum cans."

From the Jon Boats, crews transfer metals and trash onto several 35 x 50-foot barges owned by LL&W. One barge contains living quarters for a fulltime paid staff of about a dozen people as well as a classroom for training programs. On average, this barge flotilla covers a seven state area during a year, performing both staff and volunteer clean ups and conducting educational events.

Another barge is equipped with a crane to lift material from the Jon Boats onto other barges, where it is separated for landfilling or to be sold for recycling. Metals go into one pile for further separation at a scrap metal yard. Two or three times per year, full barge-loads of metals are floated to riverside scrap metal facilities and unloaded by crane. "Shortly after that, a check is sent by the scrap dealer to our office," said Manis.



Rough separation of tires, metals and trash takes place aboard Living Lands & Waters barges.

The primary source of annual funding for Living Lands and Waters comes from the barge line industry and dozens of other corporations such as ADM, Cargill, John Deere, Caterpillar and Budweiser. "The value we get from the scrap metals is a pretty big drop in the bucket, but by no means keeps us afloat. The value of the scrap metal, however, seriously helps fund our activities," Manis commented. "Personally, I don't care what the value is of the scrap metals. I just don't want it in the river or in the creeks and valleys."

Last year, LL&W held 92 days of workshops and 205 educational outreach programs with 1,685 teachers, 7,272 students and 22,443 community members. Through LL&W's MillionTrees project and river bottom restoration efforts, 54,474 trees were planted in 5 states, invasive plants were removed from 21 acres of land, and 475,000 acorns were planted in LL&W's Beardstown nursery. LL&W also recruited 110 volunteers to care for 281 miles of riverfront as part of its Mississippi and Illinois Adopt-A-River programs.

Many scrap metal companies around the country work with river clean up organizations, not just to obtain metals, but to demonstrate the industry's commitment to a healthy environment and the key role that recycling plays in it. Recycling metals from river clean up programs can help offset the costs of holding volunteer events. It also presents an interesting opportunity for more scrap metal people to get involved in a worthwhile effort.

## Is recurring fork failure becoming an issue?

**Cracks and wear are the first signs of fork failure but lack of preventative maintenance and daily inspection normally leads to catastrophic failure at the most inopportune times.**

**This increases downtime and causes added operating expenses. Work takes longer and is more difficult to do with bent or worn forks.**

[www.sasforks.com](http://www.sasforks.com)



**SAS Forks are manufactured to allow the user to maintain them for extended life. Simply inspect and replace skid plates on the carriage to prevent wear. Forged steel blades are completely replaceable. Proper maintenance means forks that last decades. For more information contact an SAS representative today or log on to**

**Get your FREE inspection forms at [www.sasforks.com/inspect](http://www.sasforks.com/inspect)**

Northeastern USA 888-450-1224  
Brian@sasforks.com

Eastern USA 877-727-3675  
Paul@sasforks.com

Western USA 877-727-3675  
Adam@sasforks.com

[www.sasforks.com](http://www.sasforks.com)





## ALTERNATIVE ENERGY

# Arizona Public Service and SunEdison partner to construct solar power plant in Prescott, Arizona

SunEdison, a subsidiary of MEMC Electronic Materials Inc., and Arizona Public Service Co., announced the planned construction of a utility-scale photovoltaic solar power plant to be located two miles north of the Prescott Regional Airport. SunEdison will own and operate the plant with APS purchasing the entire output. APS estimates the 10-megawatt facility can provide enough power to meet the annual energy needs of 2,500 Arizona customers.

The announcement event, held at the Hassayampa Inn in Prescott, featured the new solar deployment, which is anticipated to become active in the fall of 2011. The plant is expected to generate more than 25 million kilowatt-hours (kWh) of clean energy in its first year of operation alone and approximately 653 million kWh over 30 years.

"APS's investments in renewable energy – well-diversified by technology, ownership, size and location – are forging a sustainable energy future for Arizona," said Don Robinson, APS president and chief operating officer. "With five solar facilities operating or under construction, Prescott is becoming an important hub for solar development. It is an ideal location because of its abundant sunshine, cooler weather, available land and access to the transmission system."

APS's decade-long history of solar in Prescott includes a 194-kilowatt system at Embry Riddle Aeronautical University (completed in 2001), a small system on

the roof of Prescott College (completed in 2004) and a 3.6-megawatt plant near the Prescott Regional Airport (completed in 2006).

Earlier this month APS and SunEdison announced plans for two other Ari-

zona solar plants, a 20-megawatt facility in Chino Valley – another Prescott-area solar plant – and a 17-megawatt facility in Hyder. Those plants also will be developed by SunEdison. However, instead of purchasing the power, APS will own the

facilities after construction is completed. With these two solar plants plus today's announcement, APS's renewable portfolio totals approximately 851 megawatts, of which 282 is in operation and serving customers.



## Solar EnerTech provides fiscal year 2010 results

Solar EnerTech Corp. shared fiscal year end results with highlights including:

- Shipments for fiscal year 2010 increased 233 percent from the prior year.
- Revenue for fiscal year 2010 was \$70 million, representing an increase of 113 percent over the prior year.
- Gross profit for fiscal year 2010 was \$5.2 million, compared to a loss of \$1 million in the prior year.

## No. 1 Preferred Publication



## Providing solutions that are right for your profitability and right for the environment

### Our commitment to you and to green technology

Five examples of our environmental technology services and products include:

- De-dusting systems, combining the best technology to solve rigorous air system requirements;
- Post shredder technology/material recovery systems to maximize profits, minimize landfill burden;
- Diablo pre-shredder for lower energy usage and increased uptime;
- Water-injection systems, offering PLC control of shredder emissions through "full box" steam generator;
- Sound enclosures to control noise pollution.

Contact us today to see how we can work together for a long term strategy to profitable sustainability.

### Metso Recycling - Texas Shredder

11451 Jones Maltsberger, San Antonio, TX 78216 • 800.531.5927  
1071 Industrial Parkway North, Brunswick, OH 44212 • 800.827.9237  
2300 South 170th Street, New Berlin, WI 53151 • 262.796.1900  
[www.metso.com/texasshredder](http://www.metso.com/texasshredder)





## ALTERNATIVE ENERGY

# Republic Services signs biomethane agreement

Republic Services, Inc. has signed a renewable biomethane recovery agreement with Clean Energy Fuels Corp. to process and sell renewable natural gas recovered from Republic's Sauk Trail Hills Landfill site in Canton, Michigan.

Clean Energy will build a high-BTU landfill gas processing plant at Republic's Sauk Trail Hills Landfill which will produce renewable natural gas for injection into the natural gas pipeline system. The renewable natural gas will be distributed for vehicle fuel use to Republic natural gas fleets, Clean Energy customers and direct use by renewable power customers. The agreement provides Republic a beneficial use for landfill gas, and will also provide Republic with conventional natural gas vehicle fuel for use in Republic's growing natural gas fleet. When the landfill-gas-to-energy processing facility is fully operational, output of clean, green biomethane is expected to equate to six million diesel gasoline gallon equivalent

annually. Production is expected to begin in early 2012.

Republic also, under other agreements, contracted Clean Energy to build, operate and maintain 14 compressed natural gas (CNG) refuse vehicle fueling stations and to provide Republic liquefied natural gas (LNG) refuse fleets in California with approximately three million gallons of LNG vehicle fuel per year.

Republic intends to use a portion of the sustainable biomethane produced at the site to fuel its expanding fleet of natural gas, solid waste hauling trucks.

In addition, Clean Energy expects to provide the Sauk Trail Hills biomethane product to fleet customers in its national network of compressed natural gas vehicle fueling stations.

Renewable biomethane gas is a by-product derived from the compression of landfill waste and decomposition. Used for vehicle fuel, environmentally friendly landfill gas generates up to 88 percent less greenhouse gas emissions than diesel fuel or gasoline.

# Detroit Renewable Power calls back prior employees

Detroit Renewable Power LLC (DRP) is calling back 91 workers who had been temporarily laid off as a result of actions of the previous owners of the Detroit energy-from-waste (EFW) facility.

The call back is part of a systematic plan for restarting the facility to insure the highest standards of operation. A total of approximately 130 workers are expected to be called back once the EFW plant resumes full operations.

The EFW plant was closed in October and its workers laid off by the prior owners. The plant was purchased November 16 by DRP parent company, Detroit Renewable Energy LLC (DRE) in a \$50 million investment in Detroit that also included Detroit Thermal, LLC, the owner and operator of Detroit's district energy underground steam system along the Woodward Corridor from the riverfront to New Center-

Midtown. The companies operate as independent subsidiaries of DRE.

DRP has already conducted extensive surveys of existing conditions as part of its restart program to improve efficiencies in how the plant operates, according to Maier.

EFW plant enhancements include:

- Improvements to the area that receives waste from collection trucks for more efficient separation and processing of trash, and better prevention of odors escaping from the plant.

- Upgrading and adding new "continuous monitoring systems" to meet or exceed Michigan and Federal environmental standards and permits, including new EPA standards.

- Internal improvements for employee work, break and locker areas as part of a plant-wide program to enhance the employee quality of life, and emphasize working safety as a primary standard.

*Two prisoners were making their escape over the jailhouse roof when one of them dislodged a tile. "Who's there?" shouted a guard.*

*The first prisoner replied with a convincing imitation of a cat's meow. Reas-*

*sured, the guard when back to his rounds.*

*But then the second prisoner made another noise causing the guard to repeat, "Who's there?"*

*"The other cat," answered the prisoner.*

# Frederick County converts landfill's greenhouse gases

Frederick County and SCS Engineers along with SCS Field Services (SCS) celebrated the opening of the new landfill gas-to-energy (LFGE) system installed at the Frederick County Regional Landfill.

The \$4.5 million project was completed by a partnership between the county's Department of Public Works and SCS. SCS Engineers provided engineering, and SCS Field Services provided contracting services for the project. Joe Wilder, the department's deputy director, notes that the project was funded from landfill revenues.

The project will generate revenues through the recovery and use of methane gas which is generated by the gradual decomposition of solid waste in the landfill. Combustion of the methane gas will substantially reduce the emission of greenhouse gases from this landfill. To capture the landfill gas, wells were

drilled into the waste mass at various points, according to Darrin D. Dillah, an SCS vice president. A vacuum draws the gas from the wells, which are located in both the closed and active parts of the landfill, and transmits it to the power generation facility. System components remove water from the gas, which is then compressed before being sent to the internal combustion (IC) engines.

Each of the two IC engines has 20 cylinders and generates just under 1,500 horsepower, Dillah said, equivalent to about 1 megawatt of electricity. The electricity is connected to the local power grid. "The electricity generated here is being used in nearby homes and industrial plants."

Rappahannock Electric Cooperative, which provides power to part of the county, will be buying the power generated by the facility.

# Enerkem meets Federal waste-to-ethanol plant requirements

Enerkem Inc. announced that Enerkem Corporation, its wholly-owned United States affiliate, successfully concluded the United States federal environmental assessment requirements for its Mississippi waste-to-ethanol plant, which allows the company to move forward with the project.

In December 2009, Enerkem was granted \$50 million in funding from the Department of Energy (DOE) for its

Pontotoc, Mississippi biorefinery project. As a condition of the funding, Enerkem needed to fulfill National Environmental Policy Act requirements. Following the assessment, DOE issued a "Finding of No Significant Impact", which gives Enerkem the green light to proceed with the project without the need for additional federal environmental assessment.

# Biomass plant

■Continued from Page 1

The other two partners, Northern Star Generation and Red Hawk Energy, are selling their interest. Red Hawk Energy has been instrumental in developing the biomass conversion project.

DTEES has completed a similar biomass conversion in Cassville, Wisconsin and has another under way in Stockton, California. The company also operates biomass power plants in Woodland, California and Mobile, Alabama.

The Mt. Poso plant began operation in 1989 and it employs the best available control technologies to minimize air emissions, uses no potable water (water supply comes from the Mt. Poso oil field), and maintains zero discharge of solid and liquid wastes.

The plant currently operates on a blend of coal, petroleum coke and tire-derived fuel. Operating on biomass fuel, the plant will produce about 44 megawatts of power, enough to supply the electricity needs of about 35,000 homes.

Following the conversion, the plant will provide power to PG&E under a long-term renewable power purchase agreement. The plant will help PG&E meet California's 33-percent renewable power requirement.

Conversion of the facility to burn renewable biomass is under way and is expected to be complete in 2012.

The conversion will employ approximately 90 construction workers at peak. Permanent employment at the plant will increase from 28 to 38 when the conversion is complete.

**We sell McIntyre Alligator Shears  
Strip-Tec Wire Strippers & Wire Granulators**

**Our 20th Year - Thanks to You!**

**Call Shaughnessy**  
Hamburg, NY

mobile 800-549-0490  
716-913-1600 716-646-4133 USA, all 50 & CAN  
CALLSHAUGHNESSY.COM

**We rebuild all  
Hi-Density BRIQUETTERS**

★ **NONFERROUS BALERS** ★  
closed door, large bore cylinders, reconditioned,  
under \$55k!

**S.A.S. Engine Puller - Nearly New! Low hours, call.**  
*We need logger balers for rebuild! Call with details.*

**AVAILABLE IMMEDIATELY! RECONDITIONED:**  
**FLATTENER BLOWERS - CP200/CP250**

**Car Crushers - GREAT BUYS:**  
Al-jon 20 w/NEW REMOTE. Good Cond., Call!  
MAC PORTABLE. Late 80s, runs, as/ls for under \$50K.

**Mosley Guillotine Shear 500-T w/Conv.**  
**E-Z Logger w/Crane, under \$50k**

**7", USA-made. 220v. NEW #7**  
**Hydraulic Alligator Shear**  
**\$5,000 FREE freight, lower**  
**48, FREE freight ends 1/15/11!**

**NEW 8" ALLIGATOR SHEARS:**  
*in-stock and on sale!*

**AL-CAN DENSIFIER: CP1000, Completely Reconditioned.**

**Hammermill Shredder, Small Complete System Call!**

**WE NOW OFFER HIGH QUALITY**  
★ **Grapples & Magnets** ★  
*WITH FAST DELIVERY!*

**New Low Price. Lower pressure ALLIGATOR**  
**SHEARS - Ideal for radiator cleaning, etc.**

**Horizontal Balers, WIDE MOUTH, some with**  
**conveyors, AVAIL. NOW, as is or RECOND.!**  
*Large selection of GOOD, used DOWNSTROKE balers.*

**WE NEED REBUILDABLE**  
**ALLIGATOR SHEARS**  
**& Aluminum Can Densifiers!**

**Equipment MANUALS Available - CALL**



## ELECTRONICS

### Laptops now recycled through ecoATM program

ecoATM has added laptop computers to the list of consumer electronics to be taken for recycling at kiosks in Nebraska.

The company said that electronics retailer Nebraska Furniture Mart is offering incentives based on Intel i3, i5 and i7-branded microprocessors. The incentives will take the form of in-store credits toward the purchase of a new Intel-based laptop.

As well as laptops, ecoATM said its kiosks already buy back mobile phones, MP3 players, iPods and video games.

ecoATM is also partnering with a non-profit organization called the National Cristina Foundation, which matches donated computer equipment with needy schools and non-profit organizations worldwide.

### Call2Recycle names executive director in Canada

Call2Recycle®, North America's only free battery and cell phone collection program, heightened commitment to diverting batteries from Canada's landfills with the appointment of a new Canadian executive director and a reconstituted board of directors, as well as the opening of a new office in Toronto.

Earlier this year, Call2Recycle also began collecting all household batteries, including alkaline, at thousands of collection sites throughout British Columbia and Ontario.

Joe Zenobio was appointed executive director for Call2Recycle Canada, charged with driving the strategic direction for the organization's expanding Canadian presence and serving as the liaison between battery manufacturers, government agencies and Call2Recycle's program participants. Zenobio most recently served in various leadership roles in Canada and the United States including president, chief operating officer and senior vice president, products and solutions for GS1, an e-commerce and value chain organization.

To further support the evolving landscape, RBRCC, the non-profit that operates Call2Recycle Canada, has appointed a new board of directors to oversee its Canadian operations. The new board includes representatives from all facets of the battery manufacturing industry. Additional positions will be filled in the future to reflect the organization's growth.

The new RBRCC board members include Nick Aubry, manager, national parts operations and environment service, Sony Canada; Kent Hatton, brand group director, Energizer Canada, Inc.; Alan Moyer, director, Panasonic Canada; Susan E. Nieuwhof, director, external relations, Proctor & Gamble Canada; Gary Van Heerwaarden, director – team lead, Rayovac; and Carl Smith, president and CEO of Call2Recycle.

### 26,500 pounds of electronics collected in New York

Sunnking Inc., an electronics recycling company based in Brockport, New York recently collected 26,500 pounds of e-waste from local residents, at the Technology Recycling Day in conjunction with the Buffalo Sabres. All of the donated products will be recycled or resold, with 70 percent of the net proceeds to be donated back to the Buffalo Sabres Foundation.

This year alone, Sunnking has coordinated 6 community collection events and collected over 637,000 pounds of electronic scrap from residents in Western New York. This number is expected to dramatically increase due to the upcoming New York State e-waste law

that goes in to effect in April. The Sunnking facility strives for zero waste production on a daily basis, and is currently able to recycle/reuse approximately 97 percent of all of the equipment that is collected.

Despite the weather, residents lined up in the parking lot at the HSBC Arena to drop off old computers, monitors, printers and a variety of other electronic equipment. There were a handful of businesses that stopped by as well, with large trucks filled with old office electronics. The businesses included Coca-Cola, NAPA, BAV Services, Sterling Summer Inc. and Multisorb Technologies.

### Dell, Goodwill add 100 new donation sites for free recycling

Dell and Goodwill Industries International has added 100 Goodwill® donation sites to the Dell Reconnect computer recycling program, making it convenient for more than 42 million United States households to drop off computers and related accessories for free, responsible recycling.

The new collection sites, located in Delaware, Massachusetts, Nebraska, Ohio, Pennsylvania, and Rhode Island, are now among more than 2,200 Dell Reconnect collection sites across the United States and Canada. The new sites are expected to divert approximately 5 million pounds of e-waste from landfills each year.

Launched in 2004 as a partnership between Dell and Goodwill Industries, Dell Reconnect has diverted more than 170 million pounds of e-waste from landfills and created about 250 green jobs. Goodwill employees manage the collection and disassembly of the equipment. Donated equipment meeting the program's quality criteria is resold, and devices needing repair are either refurbished or broken down into parts to be recycled by Dell partners. The program

supports Goodwill's job training programs, employment placement services and other community-based programs for people who have disabilities, those who lack education or job experience and others facing challenges to finding employment.

For a direct link to a list of participating Goodwill locations and a complete list of qualifying products, view this article on [www.AmericanRecycler.com](http://www.AmericanRecycler.com).

#### Powersell – Software for:

- ➔ Recycling Centers
- ➔ Scrap Yards
- ➔ Processors
- ➔ Auto Dismantlers



- Process buy-back quickly and accurately
- Process ship-out bill of lading and invoicing
- Track customer and inventory
- Capture thumbprint, signature and photo ID
- Print tickets, checks, weight certificates
- Interface with scales
- Comprehensive end-of-date reports

**415-987-6523**

**[www.pwrsell.com/recycle](http://www.pwrsell.com/recycle)  
Rent from \$99 per month**

### Office Depot launches school rules program

Office Depot has launched "Recycling Rules," an ink, toner and small electronics recycling program targeted to the education market, including teachers and schools. This new program rewards teachers with gift cards to purchase school supplies they need for their classrooms while highlighting the importance of recycling.

Recycling Rules allows teachers, school administrators, parents and students to sign up their classrooms online at [www.myschoolrecycles.com](http://www.myschoolrecycles.com). After a classroom signs up, Office Depot will supply it with recycling boxes containing information about the program and recycling curriculum suggestions. The boxes can be filled with empty ink and toner cartridges (any brand) and small electronics, such as cell phones and rechargeable batteries. Once the boxes are filled, they can be shipped to Office Depot free of charge. Classrooms will be rewarded with Office Depot gift cards that can be used to purchase the supplies they need.

### Get the RIGHT equipment for the job

**MOLEY MAGNETICS**

#### Titanium Shear



Mobile Hydraulic Shears from 1 to 10 ton, Very high closing force, with or without rotation, reversible shear blades.

#### ESA Fully Enclosed Hydraulic Magnets

Hook up two hydraulic lines and your system is running! Quick install and removal, great for rapid attachment swaps.



#### Gen-sets

Diesel or hydraulic gen-sets from 5 to 20 kW.

#### Conventional DC Magnets 30" to 72"



#### 24v DC Battery Operated Magnet

Inexpensive, easy installation and low maintenance.

**MOLEY MAGNETICS**

[www.MoleyMagneticsInc.com](http://www.MoleyMagneticsInc.com)  
716-751-6565 or call 716-417-2591



## WASTE

# Texas Disposal Systems wins verdict against WM

Texas Disposal Systems Landfill, Inc. (TDS) received a \$25.45 million verdict from a Travis County State District jury in its lawsuit against Waste Management of Texas, Inc (WM). The jury awarded \$5.45 million in actual damages and \$20 million in exemplary damages, finding that Waste Management had circulated false and defamatory statements about TDS and its Austin, Texas landfill in 1997 after TDS received approval from the San Antonio City Council for a 30-year landfill disposal, transfer station and recycling contract. At the time, the companies were competing for a 30-year contract with the City of Austin.

"TDS is very pleased to have had the opportunity to fairly present its case and to see justice prevail," said Bob Gregory, chief executive officer of TDS.

The jury found that Waste Management's employees and other representatives made the statements knowing of their falsity or with reckless disregard as to whether the statements were true or not.

The jury's verdict found that Waste Management made statements that:

- Falsely implied that TDS's southeast Travis County facility was environmentally less protective than other area landfills.

- Falsely stated that TDS had obtained an exception to the important and rigorous environmental rules affecting landfills.

- Falsely stated that TDS accepted types of waste that are not permitted under state rules and under its permit.

The statements were made in a grassroots campaign to leaders in

Austin's environmental community, as well as to members of the media and Austin City Council, without identifying that the source of the statements was Waste Management.

Waste Management of Texas Inc. has expressed disagreement with the decision.

According to Waste Management, the case is a 13 year old matter in which a previous trial jury awarded no damages. The case was originally filed in 1997 and tried in 2003, in which a jury found that the company suffered no damages. An appeal was made and, in 2006, the Texas Third Court of Appeals remanded the case for retrial, which was completed in December.

In a second trial, a jury found that an "action alert" involved in the case did not cause TDS to lose any profits or

business. The issue of a public figure plaintiff being awarded millions for "presumed" reputational damage, when the same jury found zero in true lost profits or business, presents exactly the type of constitutional danger that the United States Supreme Court predicted in Gertz, and the Texas Supreme Court found of concern in Bently v. Bunton.

Significant errors by the Court led to the verdict and Waste Management is confident that the Court of Appeals and/or the Texas Supreme Court will overturn it.

"WM Texas is very disappointed by this decision," said Don Smith, area vice president for WM of South Texas. "We will be seeking prompt relief from the trial court and are prepared to appeal this award to the highest level."

## Veolia to utilize compressed natural gas

Veolia ES Solid Waste, Inc., the solid waste division of Veolia Environmental Services North America (VESNA), introduced a new fleet of Compressed Natural Gas (CNG) powered trucks to its Fort Myers, Florida, service area.

The new fleet of 32 CNG-powered refuse collection trucks, built by manufacturer McNeilus, began serving residential and commercial customers across Lee County in October. Veolia ES Solid Waste has also invested in a CNG

fueling infrastructure system on-site in Fort Myers, which utilizes time-fill fueling technology that allows drivers to fuel their trucks during overnight hours, minimizing administrative and operational downtime.

The Veolia-owned fueling station is the first privately owned CNG fueling station in southwest Florida, and was constructed by Vocational Energy, a general engineering contractor that specializes in CNG infrastructure construction for the waste industry.

In addition to a reduction in pollution, the new trucks are approximately 15 percent (8-10 decibels) quieter than trucks powered with diesel engines. The trucks will also come equipped with automated collection arms that will increase efficiency and further reduce emissions and the number of hours they are in operation.

CNG technology is a key part of Veolia's long-term sustainability strategy and the company intends to expand its CNG fleet into other markets in early 2011.

## Ohio landfill may be required to halt active operation

Ohio Attorney General Richard Cordray, at the request of Ohio EPA, has filed a motion for preliminary injunction against C&D Disposal Technologies LLC, and owner/operator Joseph G. Scugoza for ongoing violations at their construction and demolition debris facility in Jefferson County, Ohio.

The lawsuit alleges 13 counts that violate the State of Ohio's construction and demolition debris and solid waste laws.

## TRAILER EXPERTS FOR THE RECYCLING INDUSTRY



**WE OFFER 40+ YEARS  
EXPERIENCE, PROVEN  
DEPENDABILITY & BEST  
PRODUCTS & SERVICE!**

### QUALITY PRODUCTS at COMPETITIVE PRICES for HAULING

- CRUSHED or COMPLETE CARS
- HEAVY STEEL CASTINGS
- SCRAP METALS
- ALUMINUM

### ACCESSORIES TOO!

- LUGGERS
- STACKABLE / ROTATABLE CONTAINERS



**ALL TRAILERS FEATURE  
HEAVY-DUTY HINGES on TAILGATES,  
REINFORCED FRONT HEADACHE RACKS  
& LEAK-PROOF or DRAIN OPTIONS!  
We offer EXPERTISE in STANDARD or  
CUSTOM PRODUCTS PER CURRENT DOT  
REGULATIONS...  
CONTACT US FOR A QUOTE TODAY!!**

**NEW!  
CIF  
Roll-off  
Containers!**



**CIF INDUSTRIES, INC.**  
888-362-6263 / [cifindustriesinc.com](http://cifindustriesinc.com)  
[rickclarkjr@cifindustriesinc.com](mailto:rickclarkjr@cifindustriesinc.com)

## Covanta Holding to sell interest in Philippines power plant

Covanta Holding Corporation has agreed to sell all of its interests in the Quezon coal-fired electric generation facility located in the Philippines to Electricity Generating PCL (EGCO) for a price of approximately \$215 million in cash. EGCO is a current partner in the Quezon project and the transaction is expected to close in the first quarter of 2011, subject to customary approvals and closing conditions.

In June of this year, Covanta announced plans to sell its equity interests in four fossil fuel facilities in the Philippines, India and Bangladesh. Quezon is the first sale from that effort and represents a significant majority of the value of these non-core assets.

The Quezon assets being sold consist of the company's entire interest in Covanta Philippines Operating, Inc., which provides operation and maintenance services to the facility, as well as its approximately 27 percent ownership interest in the project company, Quezon Power, Inc.

The sale is expected to generate a one-time after tax book gain of approximately \$140 million at closing.

Speaking about intended uses of the proceeds, Sanjiv Khattri, Covanta's executive vice president and chief financial officer, stated that, "Consistent with our June announcement regarding capital allocation and return of capital to shareholders, we anticipate using all of the sale proceeds that can be repatriated tax efficiently to return capital to our shareholders; we estimate this amount to be in excess of \$100 million."

Discussions with prospective buyers for the three remaining assets in India and Bangladesh continue.

## Gas-to-energy facility set for Richmond

Republic Services, Inc., Fortistar and Old Dominion Electric Cooperative (ODEC) have signed a power purchase agreement for a new, state-of-the-art landfill gas-to-energy power plant in Virginia.

Fortistar will build a 6.4 megawatt renewable energy facility, called Rich-

mond Energy LLC, at Republic Services' Old Dominion Sanitary Landfill in Richmond, Virginia. The plant is expected to achieve commercial operation in late 2011; the output will be sold to ODEC under a long term power purchase agreement.



## WASTE

# Radioactive waste import rule may be delayed by Capitol hearings

The Texas Legislature may delay a proposed rule on importation of low level radioactive waste. That proposed rule would allow waste from 36 states to be disposed at a site near Andrews, Texas. The rule has been proposed by the Texas Low Level Radioactive Waste Disposal Compact Commission, which was formed in 2008 to oversee the state's yet-to-be-built compact waste landfill.

Compact commissioners addressed the Sunset Advisory Commission at a hearing Wednesday in Austin. "I thought when we passed the statute you were limited to two states," said Senator Juan Hinojosa recalling a debate in the 78th Texas Legislature that ultimately authorized the facility for Texas and Vermont.

"The state is not taking on an unfunded liability," replied Compact Commission chairman Michael Ford referring

to a requirement that the site operator put up \$180 million for closure costs. That confidence was not shared by two other commissioners that testified. "This is something that requires a great deal of trust," said Compact Commissioner Bob Gregory. His concerns were echoed by fellow Compact Commissioner Robert Wilson who reminded the panel that "the people of the state of Texas are taking on that liability."

State Representative Rafael Anchia questioned the capacity available to Texas if the landfill is opened to other states. "We may need that capacity over the next 50 years," said Representative Anchia. "This is a huge issue," said Senator Glenn Hegar who notified the commissioners that "it is on the radar at a high level and we do want to work on this as we move into our legislative session in January."

# Turkey Trot Landfill accepting waste from Southern Alabama

Advanced Disposal Services, Inc. received a letter from Alabama Department of Environmental Management to commence operations at Turkey Trot Landfill. The municipal solid waste (MSW) landfill, located at 2328 Man-nish Ryan Road, is now accepting waste from southern Alabama.

In addition to discounted disposal rates, Washington County will receive a host fee based on a tiered structure, providing considerable economic benefits to residents.

The environmental services company was awarded a contract in January 2007 following a competitive bid process to permit, construct and operate a MSW landfill on an approved site in Washington County. During the assess-

ment process, the company and its regulatory partners discovered a colony of gopher tortoises on the 300 acre landfill site.

The landfill, as well as all waste disposal cells, are built to meet or exceed the specifications of Subtitle D of the Federal Resource Conservation and Recovery Act, which include:

- A bottom liner (high-density polyethylene, 60 mil, along with a 24 inch clay liner).
- Leachate collections system.
- Storm-water drainage system.
- Methane-gas collection system.
- Daily cover and capping.
- Groundwater, surface water and methane monitoring systems.



**Building the best catalytic removal tool for over 20 years!**

Our products are Powerful, Simple & Easy-to-Use!

12-Volt Supershear

110-Volt Supershear

Gas Supershear

Our THREE hydraulic models are fast, safe & effective!

We also offer a De-Canning Shear!

Don't buy a copycat, buy the Original Supershear!

**800-999-8100 or 480-789-3893**

**supershears.com / NEW fax# 480-304-4870**

## METALS

# Steel import permits down 11 percent for November 2010

Based on the Commerce Department's most recent Steel Import Monitoring and Analysis (SIMA) data, the American Iron and Steel Institute (AISI) reported that steel import permit applications for the month of November totaled 1,672,000 net tons (NT).

This was an 11 percent decrease from the 1,870,000 permit tons recorded in October and a 7 percent decrease from the October preliminary imports total of 1,791,000 NT. Import permit tonnage for finished steel in November was 1,442,000 NT, down 3 percent from the preliminary imports total of 1,489,000 NT in October. November total and finished steel import permit tons would annualize at 23,832,000 NT and 18,763,000 NT, up 47 percent and 32 percent, respectively, from the

16,215,000 NT and 14,179,000 NT imported in 2009.

In November, the largest finished steel import permit applications for off-shore countries were for Korea (182,000 NT, down 1 percent from October), The Netherlands (88,000 NT, up 122 percent), Japan (87,000 NT, down 16 percent), China (67,000 NT, up 29 percent) and Germany (66,000 NT, down 16 percent). Finished steel import market shares in November and year-to-date are 19 percent and 21 percent, respectively.

Finished steel import permits for major products that registered significant increases in November vs. the October preliminary include hot rolled sheets (up 23 percent), plates in coils (up 16 percent) and tin plate (up 15 percent).

# The David Joseph Company establishes Phoenix, Arizona office

The David Joseph Company (DJJ) plans to open a brokerage office in Phoenix. This opening is the third brokerage office DJJ opened in the past three years – the Hong Kong office opened in late 2008 and the Switzerland office opened this past summer.

The Phoenix office is DJJ's platform for better coverage of the Southwestern United States market, and for exploring other opportunities to provide DJJ's wide array of services.

The office is headed by Keith Vaughn. Vaughn is a veteran in the scrap industry, with experience in both brokerage and processing. Vaughn joined DJJ in 1988, beginning as a buyer for the Denver yard, moving to the Colorado office as a brokerage representative, then serving in managerial roles at Western Metals Recycling prior to being promoted to vice president, commercial for Texas Port Recycling in 2007.

In Memory of Bryan Fisher

**EXCEL**  
MANUFACTURING

1991 • 20 YEARS • 2011

**The Search is Over!!**

Excel HV10 20 HP equipped with Skid Steer Hopper: \$134,000 + freight/installation



**The EXCEL HV10 Non-Ferrous Baler**

Two Ram construction in a Single Ram Baler.

- One Operator = One Full Truckload of Non-Ferrous per day
- Weighs 40,000 lbs in a design only 21' long x 7'5" wide
- Available in 20 HP or 50 HP and can be fed by Conveyor or Skid Steer

**www.excelmfg.com • 1-800-475-8812**

MADE IN AMERICA

778 West 12th Street • St. Charles, Minnesota 55972



**INTRODUCING:**

**R.M. JOHNSON'S NEWEST  
E-Z CAR CRUSHER, THE  
*H.O.S.S.*  
HIGH OPENING - SUPER SPEED**

BUILT-IN FEATURES INCREASE PRODUCTIVITY AND ENHANCE SAFETY

Fully-enclosed Crushing Chamber

Full-control Remote  
Automation

Super Speed  
Performance



**BUY FROM A NAME YOU KNOW AND TRUST**



R.M. Johnson Co. • Annandale, Minnesota

800-328-3613 | 320-274-3594 | Fax: 320-274-3859

EZCrusher.com | davev@ezcrusher.com

**BALERS**

**CRUSHERS**

**AUTO LOGGERS**



**DADE Capital Corp.**  
**800-823-9688**  
Perrysburg, OH



Visit [DADECapital.com](http://DADECapital.com) for a complete list of current equipment and more photos.



**2006 SENNEBOGEN 835M**

6-8,000 hours estimated, 25KW gen-set, NO grapple or magnet.

\$197,500



**1996 SIERRA 500T**

18,000 hours runs well. Demo it.

\$195,000



**BIG MAC CAR CRUSHER**

Very nice condition. New hydraulic pump, Detroit diesel. Factory reinforced back wall, late model cylinders with larger pins and no leaks.

\$43,500



**2005 CM 1000-T PORTABLE SHEAR**

Refurbished with 6-month warranty.

\$515,000



**2004 FUCHS MHL 340**

With 8,800 hours in good condition. With grapple.

\$130,000



**LAMB 200 HP HAMMER MILL**

Lamb 200 hp Hammer Mill with 300 Kw Detroit gen-set. Complete system in good working condition, SEE IT RUNNING! Call for all the details and equipment.

\$165,000



**2002 SIERRA 500SL**

20,100 hours approximately. Box relined, guides replaced.

\$175,000



**2000 SENNEBOGEN 830M**

12,000 hours, 50' reach, generator, grapple and rebuilt engine and pump.

\$175,000



**1995 HARRIS ABS 550**

SEE IT RUNNING. Spare parts 19,000 hours.

\$165,000



**2000 KOBELCO SK330LC WITH SHEAR**

With GENESIS Pro Series GMS500 shear. Equipment in excellent condition.

\$195,000



**1990 MOSLEY 330 SHEAR**

SEE IT RUNNING. Spare Parts - cylinders, blades, bolts, packing. 23,000 hours.

\$95,000



**AL-JON CAR CRUSHER WITH AUTOMATION**

Works well and immediately available.

\$18,500



**LIEBHERR MODEL 65 GRAPPLE**

New, never used Liebherr model 65 grapple, 1.25 yd.

\$18,500



**1997 KOMATSU PC 300LC W/ LABOUNTY MSD 70**

Very good condition. Machine and shear 6,000 hours.

\$150,000



**2007 FUCHS MHL350**

With gen-set and magnet. Good operating condition.

\$225,000



## METALS

# Steel imports declines 14 percent

Based on preliminary Census Bureau data, the American Iron and Steel Institute (AISI) reported that the United States imported a total of 1,791,000 net tons (NT) of steel in October, including 1,489,000 NT of finished steel (down 14 percent and 6 percent, respectively, from September final data).

Since a year-high finished steel import share of 24 percent in July, import share has averaged around 20 percent over the past three months and was an estimated 19 percent in October, vs. a low of 15 percent in August 2009. For the year-to-date, finished steel import market share is 21 percent. In the first 10 months of 2010, total and finished steel imports are up 50 percent and 31 percent, respectively, compared to the same period last year.

Key finished steel products with significant import increases in October 2010 compared to September include heavy structural shapes (up 57 percent),

U.S. IMPORTS OF FINISHED STEEL MILL PRODUCTS BY COUNTRY OF ORIGIN (Thousands of Net Tons)					
	OCT 2010	SEP 2010	2010 Annual (est)	2009 Annual	% Change 2010 Annual vs. 2009
SOUTH KOREA	183	208	2,009	1,323	51.9%
JAPAN	104	113	1,324	981	35.0%
GERMANY	79	58	891	495	80.2%
CHINA	52	101	864	1,463	-41.0%
INDIA	70	20	765	581	31.7%
TURKEY	24	41	622	492	26.6%
TAIWAN	50	48	432	371	43.6%
All Others	926	996	11,901	8,474	40.4%
<b>TOTAL</b>	<b>1,489</b>	<b>1,585</b>	<b>18,909</b>	<b>14,179</b>	<b>33.4%</b>

standard pipe (up 35 percent), hot dipped galvanized sheet and strip (up 21 percent) and wire drawn (up 16 percent). Many finished steel products have registered large year-to-date import increases in 2010 vs. the same period last year, including wire rods (up 91 percent) and hot rolled sheets (up 42 percent).

In October, the largest volumes of finished steel imports from offshore were from South Korea (183,000, down 12 percent), Japan (104,000 NT, down 8 percent), Germany (79,000 up 36 percent), India (70,000 NT, up 255 percent) and China (52,000, down 48 percent).

## Endeavor Power launches scrap and precious metals division

Endeavor Power Corp., an electronic asset recovery and e-waste recycler, announced the launch of its Endeavor Metals Division. The division will focus specifically on building a profit center from asset recovery of industrial precious and scrap metals.

Endeavor Metals is located in Robeson, Pennsylvania and will provide for drop off and cash purchasing of e-waste and other scrap metals by appointment, in addition to providing full service pick up of 2,500 pounds or more of e-waste anywhere in North America.

Endeavor Metals will also offer contract disposal services and selected full inventory purchasing for a full range of businesses.

# European metal recycling market on course for growth

One year after the economic crisis, the European metal recycling market is back on the growth path. Ecoprog expects the market volume for scrap steel to triple until 2014 – compared to the 2009 amounts.

In 2010, approximately 100 million tons of scrap steel will be sold in Europe. Compared to 2009, the market volume has increased by almost 70 percent. In comparison to the pre-crisis

figures of 2008, ecoprog expects the market volume to grow by 35 percent. Since last year, the price for a ton of scrap steel has increased by about 50 percent, the amount of produced scrap steel by approximately ten percent.

One can expect a further growth in the future. On the one hand, the great global demand for crude steel, especially as a consequence of the infrastructure development in the emerging

countries, is a market driver. At the same time, the recovering economy and the again increasing industrial production in Europe result in growing amounts of new and old scraps.

In the end, especially the environmental legislation of the European Union will cause higher recycling rates and, hence, increasing amounts of scrap. In 2012 already, the European metal recycling market will probably not only achieve the pre-crisis level, but even rise above it. This will only happen, however, if the global economy remains stable.

The largest amounts of scrap emerge – resulting from the well

advanced implementation of the European legislation – in Scandinavia and the German-speaking countries. This holds especially true for metalliferous waste from private households. In the years to come, the countries in Southern and Eastern Europe will also increasingly implement the European legislation. Hence, the amounts of scrap will also grow here.

Ecoprog has recently published the multi-client study, "The Metal Recycling Market in Europe." It analyses all essential political, economic, managerial and technical trends in the European market for metal recycling and can be ordered at [www.ecoprog.com](http://www.ecoprog.com).

### Riverside End Disc Cap



## RIVERSIDE PRODUCTS.

**NUMBER 1 IN PATENTS.**

The winner  
and still  
champion.



It's great to have a winner like our End Disc Cap, working hard since 1981 when we patented it. It's the industry standard.

Riverside has 15 patents but we know that you can't stay a winner by resting on your laurels. We'll always come out swinging with new ideas that work for you.

Innovation makes us Number 1. Our customers keep us there.

437 DEVILS GLEN ROAD  
BETTENDORF, IOWA

**RIVERSIDE PRODUCTS SHOULD BE YOUR NUMBER 1 CHOICE!**

[www.riversideproducts.com](http://www.riversideproducts.com)

**riverside**  
PRODUCTS  
800.545.6221  
563.441.0707

Take another look at:

Riverside End Disc Cap

[www.riversideproducts.com/enddisc](http://www.riversideproducts.com/enddisc)



## Scrap Metals MarketWatch



Commodity		Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
#1 Bushelings	per gross ton	\$330.00	\$310.00	\$330.00	\$340.00	\$465.00
#1 Bundles	per gross ton	325.00	310.00	330.00	339.00	462.00
Plate and Structural	per gross ton	355.00	317.00	440.00	335.00	399.00
#1 & 2 Mixed Steel	per gross ton	355.00	330.00	335.00	365.00	362.00
Shredder Bundles (tin)	per gross ton	270.00	285.00	275.00	295.00	281.00
Crushed Auto Bodies	per gross ton	275.00	285.00	275.00	295.00	281.00
Steel Turnings	per pound	155.00	135.00	195.00	195.00	205.00
#1 Copper	per pound	3.50	3.45	3.58	3.60	3.57
#2 Copper	per pound	3.38	3.30	3.28	3.45	3.42
Aluminum Cans	per pound	.76	.73	.72	.73	.78
Auto Radiators	per pound	1.89	1.97	1.95	1.97	1.95
Aluminum Core Radiators	per pound	.64	.63	.64	.63	.67
Heater Cores	per pound	1.30	1.60	1.59	1.69	1.84
Stainless Steel	per pound	.89	.88	.89	.87	.96

All prices are expressed in USD. Printed as a reader service only.

**DISCLAIMER:** American Recycler (AR) collects pricing and other information from experienced buyers, sellers and facilitators of scrap metal transactions throughout the industry. All figures are believed to be reliable and represent approximate pricing based on information obtained by AR (if applicable) prior to publication. Factors such as grades, quality, volumes and other considerations will invariably affect actual transaction prices. Figures shown may not be consistent with pricing for commodities associated with a futures market. While the objective is to provide credible information, there is always a chance for human error or unforeseen circumstances leading to error or omission. As such, AR is not responsible for the accuracy or completeness of the information provided, or for outcomes arising from use of this information. American Recycler disclaims any liability to any person or entity for loss or damage resulting from errors or omissions, including those resulting from negligence of AR, its employees, agents or other representatives.



## METALS

### October steel shipments down 7.2 percent from September

The American Iron and Steel Institute (AISI) reported that for the month of October 2010, United States steel mills shipped 6,629,195 net tons, a 7.2 percent decrease from the 7,140,369 net tons shipped in the previous month, September 2010, and a 8.7 percent increase from the 6,097,348 net tons shipped in October 2009. Shipments year-to-date

in 2010 are 69,783,780, a 42.7 percent increase versus 2009 shipments of 48,888,095 for 10 months.

A month-to-month comparison of shipments shows the following changes: hot dipped galvanized sheet and strip, down 11 percent; hot rolled sheet, down 10 percent and cold rolled sheet, down 9 percent.

### River Metals to expand nonferrous metals recovery

River Metals Recycling (RMR) plans to expand its nonferrous metal recovery operations at 2114 Metal Lane in Louisville. The expansion will include a new 60,000 square foot metals recovery plant which will utilize a combination of processes to extract the maximum value from ferrous and non-ferrous scrap metal from automobile shredder byproducts. In Louisville, RMR's processing capabilities include automobile shredding, baling, shearing, barge cutting and accurately sorting ferrous and nonferrous metals.

The Louisville facility is not the first across the Joseph family of companies to utilize the innovative metals separation technology. Facilities in Salt Lake City, Denver and Houston already

utilize technologies to improve recyclable recoveries while minimizing the impact on the environment. As a result, the facilities have seen significant reductions in the volume of shredder waste byproducts being sent to the landfill.

The Louisville expansion will consist of an automated process, designed with environmentally friendly systems and will comply fully with all environmental laws and rules. The facility will be fully enclosed, and will not generate regulated air emissions, wastewater discharges or significant noise.

Today, RMR's Louisville operation is staffed with about 140 employees. The planned expansion will require about 30 additional employees.

### Crawford appointed executive director of Steel Recycling Institute

The Steel Market Development Institute (SMDI) has announced that Steel Recycling Institute (SRI) president William M. Heenan, Jr. is stepping down due to health reasons after a distinguished career in the steel industry, including 20 years with SRI and 19 years with United States Steel Corporation. SMDI also announced the appointment of Gregory L. Crawford as executive director of the Steel Recycling Institute effective December 1, 2010, succeeding Heenan.

As SRI's vice president of operations, Crawford worked with private-sector and

local/federal government managers on steel recycling issues. He has been active with the technical and marketing considerations for sustainability for many years. In 1990, he joined the original ASTM E50 Committee on Environmental Assessment. In August 1995, he participated in the first Big Sky, Montana meeting of the then-fledgling U.S. Green Building Council. Crawford is also the executive director of the Cool Metal Roofing Coalition and secretary for the California-based Cool Roof Rating Council. He is immediate past chairman of the Sustainable Buildings Industry Council.

## PAPER

### 2011 AF&PA recycling awards contest underway

Entries are now being sought for the 2011 American Forest & Paper Association (AF&PA) Recycling Awards, recognizing outstanding business, community and school paper recycling programs.

Thanks to the efforts of millions of Americans who recycle paper every day, more paper (by weight) is recovered for recycling from municipal solid waste streams than glass, plastic and aluminum combined. In 2009, a record-high of 63.4 percent of the paper used in the United States was recovered for recycling. That's the equivalent of 325 pounds for each man, woman, and child in this country. The AF&PA Recycling Awards offer an opportunity for the industry to recognize those engaged in successful paper recycling programs, and to share their best practices with a national audience.

Paper recycling is a great environmental success story. Recycling paper

reclaims a valuable commodity and improves the environment by removing paper from landfills. In fact, every ton of paper recovered for recycling saves 3.3 cubic yards of landfill space. Through the AF&PA Recycling Awards, the industry recognizes and thanks communities, schools, and businesses who share our goal of increasing the recovery of this renewable and sustainable resource.

Organizations with award-winning programs each receive a \$2,000 cash prize, a piece of original paper art and are promoted in local and national media outlets. Details regarding award descriptions, criteria, and entry forms are available on the [paperrecycles.org](http://paperrecycles.org) website. The deadline for entries is February 10, 2011.

Separate AF&PA Recycling Awards are given for business, community and school (kindergarten – 12th grade) programs.

### AbitibiBowater names new CEO

AbitibiBowater Inc. has appointed Richard Garneau, a former chief executive of Catalyst Paper Corp. and currently a member of the board of directors, as its new chief executive officer. He will take over from David Paterson, who oversaw the company's restructuring and recent emergence from bankruptcy protection.

Paterson has agreed to stay on in an executive advisory role through January 2011 and a non-executive advisory role

through July 31, 2011, supporting a smooth transition and continued positive momentum for the company.

Richard Garneau joined AbitibiBowater as a member of the board of directors in June 2010. Most recently, he served as president and chief executive officer of Catalyst Paper Corporation from March 2007 to May 2010. Prior to his tenure at Catalyst, he held a variety of roles in the forest products industry.

### WE BUY SCRAP ALUMINUM WHEELS

Highest Prices, Friendly Service, Prompt Payments!



Call Myra for a price quote:

**888-834-2673**

[msmith@heartlandaluminum.com](mailto:msmith@heartlandaluminum.com)

Serving the Secondary Aluminum Needs of the Automotive Industries.

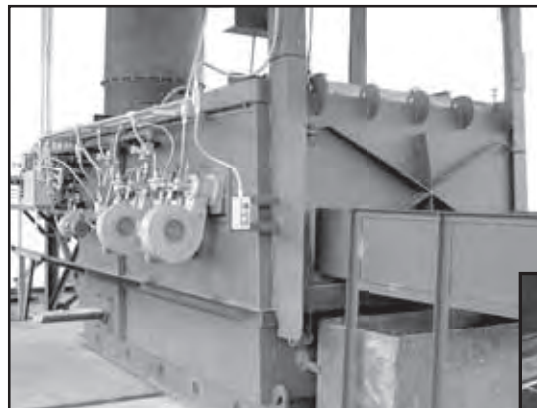


**HEARTLAND ALUMINUM, INC.**

[www.heartlandaluminum.com](http://www.heartlandaluminum.com)  
mail@heartlandaluminum.com / FAX (877) 375-4651  
Warren, Indiana



### Get the *most efficient* sweat furnace available!



**US Furnace's MAX-4000**

### Hi Efficiency Sweat Furnace

Customers report that charges of 50% recovery material are producing 1,250 to 1,500 lbs. metal out per hour at a cost of \$0.03 per pound for fuel.



**RECYCLING SERVICES INTERNATIONAL**



- Full EPA compliance guaranteed.
- Permit assistance available.
- Built for years of continued service.
- Large hearth opening for automotive scrap.
- New technology burner and control systems.

**518-424-1168**

[www.RecyclingFurnaces.com](http://www.RecyclingFurnaces.com)



## PAPER

### November 2010 paper reports

The American Forest & Paper Association (AF&PA) released the November 2010 United States containerboard and boxboard statistics reports. For the thirteenth straight month, containerboard production rose over same month a year ago. Total production saw an increase of 33,800 tons or 1.2 percent when compared to November 2009. Production fell compared

to October 2010, however, the month over month average daily production was flat, down 0.9 percent. Year-to-date 2010 production increased 7.8 percent over 2009.

Total boxboard production decreased by 0.6 percent compared to November 2009 but increased 2.3 percent from last month. Year-to-date production was up 3.3 percent over 2009.

## Salvaging Millions

by Ron Sturgeon  
Autosalvageconsultant.com

### Why you should always hire salespeople- and how to hire them for free

A client from my consulting business asked me a question recently that surprised me. It was a question that revealed a deeper problem. Their business had experienced a drop in monthly sales from \$180,000 to \$137,000.

That kind of drop affected his ability to buy inventory and keep momentum. His sales dropped because he lost a talented salesperson. Losing a talented salesperson doesn't always have to be a disaster, but to minimize the downside, he should have had redundancy and/or people trained before his salesperson left and should have been considering changes that he could make to increase sales in the short run.

I always believed that when a salesperson left a four or five person sales force, surely we could just take up the slack. But the departure almost always caused the sales numbers to fall, until we brought someone else on.

Here is the question that he asked me: "What's the best way to start looking for sales help, and turn around existing sales?" That's not a question that a proactive business owner should ever ask.

You should never stop looking for great salespeople. You should be proactively recruiting to fill sales positions you don't even have, and you should be doing it 52 weeks a year. Every day my business is open, I'm hiring – if the right sales person applies. There's always room for a strong addition to the sales team if the person is productive enough. You never know when a top person will want to leave a competitor, or move to town.

When things are slow, it's easy for a sales team to chalk it up to a tough economy. But a new person who rises to the top of the sales board dissolves that excuse. A new hire's success can motivate co-workers. If you wait until you lose a top performer to start looking, your sales will almost certainly drop. But you say, "Ron, I can't afford an extra salesperson." How can you NOT afford to have adequate sales staff? When I was growing my business, we trolled all the time, and occasionally caught a humdinger. Every time we added a top sales producer, we either let our weakest one go, or our sales grew and staff worked even harder.

Adding a salesperson never cost me a penny. Our people worked on straight commission. They ate what they killed. They didn't cost me if they didn't sell. Of course, I made sure we didn't starve folks by having too many, but we almost always had some redundancy in the sales force so that we could weather the loss of one. My salespeople made more than the industry average and stayed with me, because I took care of them, bought good inventory, and marketed effectively.

A good friend, Dixon Thayer from Ford Motor Co., taught me two valuable lessons. Sales staff is the LAST place to cut, and you never do anything that can hurt sales. (There are exceptions of course). Will a new refund policy affect sales adversely? If so, don't implement it, unless it makes sense for the bottom line.

Here's what I do to hire a sales superstar before I need one:

- Run ads and collect resumes every week. Saving the cost of an ad (Craig's List – \$25, renewed weekly, so \$100 per month) isn't worth missing the chance to add a closer to your team. Have someone else scan the resumes or e-mails for potential candidates. You will interview very few, and only after someone else has done a first interview to make certain those you talk to are top candidates. Most owners hate the task of hiring, but it doesn't have to be painful. After candidates have survived a few preliminary interviews and tests, you need only a little time to consider hiring the best of the best.

- Be active in local industry groups to learn about opportunities to hire.

- Take stock of your own employees and look for candidates who could excel on the sales team and help them develop the right skills.

- Pay attention to the sales people who serve you at the businesses you visit. Any of them could be your next sales star. A sales manager I know hired an assistant manager from Chuck E Cheese because he saw the spark of ambition. Two years later, that person made more money than the area president of the Fortune 50 firm that he worked for.

If you're always hiring top sales talent, you'll keep your business growing.

**Remember, only you can make BUSINESS GREAT!**

*This article was provided by autosalvageconsultant.com, which was formed in 2001 by recyclers for recyclers, to help them improve their businesses.*

## CONSTRUCTION & DEMOLITION

### Cherry Demolition awarded for recycling program

Cherry, a Houston, Texas-based, family-operated demolition and recycling company, was awarded top honors for its demolition and environmental recycling program. The award ceremony was held at the World Demolition Awards program in Amsterdam, The Netherlands.

Cherry's Demolition and Recycling Environmental Award recognized the company's safety record, reduced environmental impact; recycling strategies; green work practices; and control of noise, pollution and disturbance. The award was presented by Demolition & Recycling International magazine, part of the KHL Group that is now the leading supplier of international construction information in the world.

"A key part of our overall environmental mission is to recycle our demolished concrete, asphalt and steel into re-usable material. Instead of adding bulk to landfills, we recycle as much construction debris as possible," said Leonard Cherry, president and co-owner.

Cherry believes that a successful demolition and concrete/asphalt crushing company must adopt solid environ-



—Leonard Cherry, president and co-owner

mental, social responsibility and sustainability initiatives. The company serves the Gulf Coast with demolition and recycling services, which includes the recycling of more than one million tons of concrete and asphalt and approximately 40,000 tons of steel each year.

**ONLY 3 AVAILABLE AT THIS PRICE!**

**NON-FERROUS METAL SEPARATOR NES**

**Eddy Current Separator  
Steinert Model #200-220-5009**

**Brand NEW, Never Installed. Standard 1 Year Factory Warranty**

**ONLY  
\$235,000**

**SAVE  
\$40,000  
off retail!**

**Double Throw  
with Motorized  
Splitter Assembly.  
Newest Magnet Design.**

**Shredder Material • Municipal Waste • Incinerator Ash  
Foundry Sand • Glass • Electronic Scrap  
Wood Chips • Batteries**

**CALL NOW BEFORE THEY'RE GONE!**

**DADE**  
Capital Corp.  
oDc

**800-823-9688**  
Fax 419-931-9001  
www.DADECapital.com



RUBBER

Upstate Shredding supports tire recycling in Tioga County

Due to a \$10,000 per year, 5-year donation totaling \$50,000 from businessman Adam Weitsman, president of Owego-based Upstate Shredding, Tioga County is cleaning up more old tires than ever before. Moreover, this highly successful tire recovery program is helping preserve the scenic beauty of this historic, rural county in the southeastern corner of the Finger Lakes Region of New York.

“There’s been a noticeable decline in the number of tires littering the county. We used to see it all the time, but now we only see it occasionally. I used to have residents call and let me know about abandoned tires, but now I’m not getting those calls,” said Ellen Pratt, Tioga’s solid waste manager.

Before the Upstate donation, Tioga County’s solid waste budget was stretched tight and there was little money to address the nagging, unsightly, and environmentally hazardous problem of recovering and responsibly recycling used tires. New York State’s Waste Tire Management and Recycling Act was enacted solely to ensure the proper management of waste tires. To comply, Tioga has to ship its tires to a cer-

tified recycler at a cost of over \$100 dollars per load.

As a result, Tioga, like many solid waste jurisdictions across the country, was forced to charge fees to accept old tires at their recycling facilities. Fees range from \$2 for 17 inch tires to \$12 for 36 inch, and there are additional fees up to \$5 if tires are mounted on rims.

The national problem with fee-based municipal programs is that it encourages hoarding, or illegal dumping, both endangering the environment and causing fire hazards.

Under the Upstate-sponsored program, Tioga County is now holding free, tire drop-off events, lasting from three days to one week in the towns of Owego, Barton, Candor, Spencer and Tioga. “In the towns that have participated, it has been really successful. They are enthusiastic about cleaning up their old tires. So far, we have cleaned up over 250 tons of tires. Upstate’s donation covers the cost of disposal,” said Pratt. In addition to providing free tire disposal, the program also accepts tires collected along the roads by municipal workers.

Bridgestone Bandag Tire Solutions relocates headquarters to Nashville

Bridgestone Americas, Inc. (BSAM) plans to begin the process of relocating members of its senior man-

agement team and other specific functions of its Muscatine, Iowa-based Bridgestone Bandag Tire Solutions (BBTS) operations to locations in the Nashville, Tennessee area, including BSAM’s headquarters facility in Nashville.

This decision is part of an overall effort to restructure the way BSAM does business across its North American operations. The goals are to become a more profitable and customer-focused business, to lower costs by eliminating duplication and inefficiencies, and to harness talent and expertise in a way that best serves the business. The company is installing new management operating systems to improve efficiencies and business processes, and enhancing the ability to measure business and individual performance.

The BBTS functions that will remain in Muscatine are: Equipment manufacturing, emergency road service, human resources, retread manufacturing management, manufacturing finance, information technology developers and support, retread engineering, retread technical services and retread research and development. Approximately 220 BBTS teammates will remain in Muscatine.

The following BBTS functions will be relocating to locations in the Nashville area, including the company’s headquarters facility: Purchasing, marketing, finance, accounts payable, credit, business strategy and solutions group, customer service, legal, safety and members of the company owned operations senior management team. Thirty-two BBTS teammates will be relocating to Nashville as a result of this decision.

PLASTICS

Opponents decry passage of Los Angeles County bag ban

Opponents of a Los Angeles County Bag Ban denounced the board of supervisors’ passage of the new ordinance and warn that it will unnecessarily raise grocery costs for county residents, hurt workers and small businesses and fail to earmark one penny for environmental improvement programs.

The controversial ordinance, which prohibits grocery and other retail outlets from providing customers with fully recyclable plastic bags and requires those same stores to charge customers \$0.10 for each paper bag, passed after hours of public comment. Under the ordinance, grocers and other retailers get to keep all the proceeds.

“It’s extremely disappointing that the board of supervisors would take this approach, which threatens to derail existing recycling programs and fleeces consumers,” said Tim Shestek, senior director of State Affairs for the American Chemistry Council. “We believe there are more effective ways of reducing bag litter and waste that do not result in raising grocery costs for families, put at risk hundreds of manufacturing jobs in the Los Angeles area, or require more government bureaucracy.”

It remains unclear if the legislation was passed in compliance with Proposition 26, the mandate that California voters strongly supported earlier this month. This new statewide mandate reflects voters’ concerns that fees are essentially taxes and necessitates that they be treated as such – requiring higher standards for approval.

A growing number of states and cities around the United States – including California, New York, Delaware, Rhode Island, Chicago, New York City and Tucson – have passed legislation to promote at-store recycling programs as a practical and effective means to reduce waste from plastic bags and wraps. Plastic bag makers support these approaches and are working cooperatively with grocers and retailers in many communities to establish and expand recycling programs.

A recent report prepared by Moore Recycling found that curbside recycling of plastic bags and wraps grew 39 percent in Los Angeles County from 2007 to 2009. The recycling of plastic bags alone grew 62 percent during this period suggesting that Los Angeles residents have become accustomed to putting their plastic bags into their curbside recycling bins.

Seventh Generation debuts recycled plastic packaging

Seventh Generation debuted innovative new packaging featuring 96 percent post-consumer recycled (PCR) content. Developed by Seventh Generation in collaboration with its packaging partner, Consolidated Container Company, the new packaging is constructed of resin derived from recycled milk jugs and other plastic bottles and represents a quantum leap over the 25 percent recycled content typically found in plastic packaging.

The new packaging, featured in the brand’s dish liquid and fabric softener, joins other impressive high-PCR content bottles in Seventh Generation’s roster of

products, including its 80 percent PCR 150 oz. concentrated laundry liquid container.

These bottles are made from HDPE (#2) plastic instead of PETE (#1) because manufacturing HPDE resin produces 42 percent less greenhouse gas emissions than PETE.


The benefits of this switch are enormous. If every household replaced just one virgin plastic 25 oz. bottle of dish liquid with Seventh Generation’s 96 percent PCR bottle, America would save over 8,600,000 lbs of plastic and prevent the release of more than 23,500,000 lbs. of greenhouse gases.

*It is okay to be ignorant in some areas, but many people abuse the privilege.*


ADVERTISER INDEX	
PAGE	ADVERTISER
A3	Aluminum King
A17	ARPI
B3	Buddy Automotive
A8	Call Shaughnessy
A10	CIF
A13, A18	DADE Capital
A9	EASI Powersell Software
A11, B1	Excel Manufacturing
A23	Government Liquidation
A2	Granutech-Saturn Systems
A15	Heartland Aluminum
B4	Iron Ax
A7	Metso Minerals
A9	Moley Magnetics
A5	Multitek, Inc.
A24	OverBuilt, Inc.
A15	Recycling Services Intl.
A14	Riverside Products
A12	RM Johnson
A6	SAS Forks
A11	Supershear
B5	Vezzani

**NEW! A cost-effective way to process ACSR cable!**

The model SEP5 sepshear separates and shears the aluminum or copper outer layer, yet leaves the steel center core in full length. Process single or multi-layer ACSR cable safely and efficiently!



**MODEL SEP5 SEPSHEAR**



**Processes up to 4,200 feet per hour!**

**POWER WIRE STRIPPER™**

Our patented design provides three models to choose from!

<b>RES/DRM</b> 16awg, up to 250mcm	<b>COMC</b> 14awg, up to 600mcm
--	---------------------------------------



## BUSINESS BRIEFS

### E-Z Pack Manufacturing adds new dealers

■ E-Z Pack Manufacturing, LLC, a manufacturer of refuse truck bodies and a supplier of OEM parts for waste vehicles, announced that Precision Waste Systems Limited has joined the E-Z Pack dealer network.

Precision Waste Systems is located in Innisfil, Ontario and is E-Z Pack's first Canadian dealer.

Precision Waste Systems opened in June 2009, as a manufacturer of waste handling containers, including roll off, front load, sludge and liquid waste containers. They also manufacture their own roll-off hoist. The company employs its own team of engineers and designers, and builds its products in an assembly line environment that allows for quick conversion from one product line to another, to meet changing customer demands.

E-Z Pack has also added BTE Body Company, Inc., to their dealer network.

Located in Dallas, Texas, BTE will offer the full line of E-Z Pack refuse trucks, parts and service, to E-Z Pack customers in Texas, Oklahoma, and New Mexico. The company has 13 locations to serve its broad customer base.

BTE supplies a variety of truck equipment to its customer base, representing quality OEM companies that manufacture roll-off hoists, tarping systems, containers, grapples, vacuum trucks, dump bodies, trailers and mixers. They also provide auxiliary axles, scales, suspensions and other equipment and services essential to their waste hauling and trucking customers, including truck modifications and equipment installation.

### PSC Metals makes management decisions

■ Effective immediately, David Spector, the president of PSC Metals' Ohio region, has been promoted to president of PSC. Mark Shapiro, vice president of nonferrous trading, has been appointed executive vice president, nonferrous products. Edward Lehner, the company's chief financial officer, has taken on additional responsibility for all of PSC's corporate and administrative functions and will serve as the company's chief administrative officer. Ronald J. Nock, PSC's chief executive officer, has retired from the company.

### Enerkem adds two new executive roles

■ Enerkem Inc., a waste-to-biofuels company, announced the appointment of Dirk E. Andreas as senior vice president of business development, North America. In addition, Patrice Ouimet, the company's chief financial officer, is promoted to senior vice president and chief financial officer.

Andreas was most recently the managing director and the midwest regional vice president of business development for Iberdrola Renewables Inc.

Ouimet joined Enerkem as chief financial officer in February 2010. He is an experienced finance executive whose leadership will continue to drive Enerkem's growth momentum. Ouimet is based in Montreal, Quebec, while Andreas will be based in Chicago, Illinois.

### Midpoint names new container systems business

■ Midpoint International has said that its recycling container business is now CleanRiver™ Recycling and Waste Stream Systems, a division of Midpoint International. The announcement coincided with the company's 20th anniversary and with the announcement that founder Bruce Buchan is assuming the new position of CEO and that David Jarrett has been named president.

Bruce Buchan is now stepping away from day-to-day management to become CEO and assume the role of "recycling ambassador." As such he will work with organizations, government agencies, customers and other recycling advocates on ways to improve waste stream management and programs to make recycling more effective.

Buchan also envisions becoming more active in environmental education projects, such as CleanRiver's Project Nest Box, which involves students from kindergarten through grade 12 in assembling nest boxes designed by CleanRiver and made from post-consumer recycled plastic, monitoring each nest box on a regular basis, observing bird activity and recording scientific data.

Jarrett joined the company as general manager in 2008 after holding management positions with Wiremold and Hubbell. An advocate of lean manufacturing, Jarrett has introduced continuous improvement initiatives, Kan Ban ordering and Kaizen to sharpen the company's response time for custom orders.

### IESI-BFC Ltd. declares quarterly cash dividends

■ IESI-BFC Ltd. declared regular cash dividends of Canadian \$0.125 per share, payable on January 14, 2011 to shareholders of record at the close of business on December 31, 2010.

The company has designated these dividends as eligible dividends for the purposes of the Canadian Income Tax Act.

### EnergySolutions appoints chief financial officer

■ EnergySolutions, Inc. announced the appointment of William Benz as chief financial officer (CFO), effective immediately.

Prior to joining EnergySolutions, Benz was a partner at Tatum, LLC, a national executive services firm. Benz served as interim chief financial officer for APX Alarm Security Solutions, Inc. from 2009 to 2010, financial advisor for Logical Apps from 2005 to 2006 and chief financial officer for Legacy Electronics from 2000 to 2005.

Benz also served as chief executive officer of Noah Corporation from 2006 to 2008. Prior to his partnership at Tatum, LLC, Benz served as chief financial officer for Blue Cross Blue Shield of Colorado, Metlife Healthcare Management Corporation, FHP International Corporation and Western Digital Corporation.

### Alternative Fuels Americas makes acquisition

■ Alternative Fuels Americas, Inc. will be acquiring Sustainable Agro Biotech, LLC, a Puerto Rico based company active in the research and development of algae for biofuels.

Sustainable Agro Biotech, LLC has been developing proprietary technologies to recycle carbon dioxide emission into microalgae varieties with robust growth and oil production capabilities and to achieve commercially feasible harvesting of microalgal products. The company operates facilities in Gainesville, Florida and a 10 acre facility in Puerto Rico in partnership with University of Puerto Rico, Mayaguez.

## Events Calendar

**January 24th-27th, 2011**

**US Composting Council's Annual Conference and Exhibition.** Hyatt Regency, Santa Clara, California.  
631-737-4931 • [www.compostingcouncil.org](http://www.compostingcouncil.org)

**March 6th-9th**

**The Southeast Recycling Conference & Trade Show.** Hilton Sandestin Beach Golf Resort & Spa, Destin, Florida.  
800-441-7949 • [www.southeastrecycling.com](http://www.southeastrecycling.com)

**March 22nd-26th**

**ConExpo-Con/Agg 2011.** Las Vegas Convention Center, Las Vegas, Nevada.  
800-867-6060 • [www.conexpoconagg.com](http://www.conexpoconagg.com)

**March 23rd**

**C&D World.** Paris Resort and Casino, Las Vegas, Nevada.  
630-585-7530 • [www.cdrecycling.org](http://www.cdrecycling.org)

**April 3rd-5th**

**Aluminum Association 2011 Spring Meeting.** Sanibel Harbour Marriott Resort & Spa, Fort Myers, Florida.  
703-358-2960 • [www.aluminum.org](http://www.aluminum.org)

**April 5th-9th**

**ISRI Annual Convention and Exposition.** Los Angeles Convention Center, Los Angeles, California.  
202-662-8544 • [www.isriconvention.org](http://www.isriconvention.org)

**April 19**

**NERC's Spring Workshop.** Hotel Northampton, Northampton, Massachusetts.  
802-254-3636 • [www.nerc.org](http://www.nerc.org)

**April 27th-29th**

**Carpet American Recovery Effort (CARE).** Annual Conference. Amelia Island Plantation, Amelia Island, Florida.  
706-428-2127 • [www.carpetrecovery.org](http://www.carpetrecovery.org)

**May 9th-12th**

**WasteExpo.** Dallas Convention Center, Dallas, Texas.  
800-927-5007 • [www.wasteexpo.com](http://www.wasteexpo.com)

**June 7th-8th**

**Northeast Recycling Conference and Expo.** Radisson, Manchester, New Hampshire.  
800-223-0150 • [www.nrra.net](http://www.nrra.net)

**June 21st-24th**

**Air & Waste Management's 104th Annual Conference and Exhibition.** Disney's Coronado Springs Resort, Orlando, Florida.  
412-904-6003 • [www.awma.org](http://www.awma.org)

### Non-Ferrous Metal Separator NES

### Eddy Current Separator

Steinert Model #200-220-5009 Just \$235,000

**ONLY 3 AVAILABLE AT THIS PRICE!**

Brand **NEW**, Never Installed. Standard 1 Year Factory Warranty

Shredder Material • Municipal Waste • Incinerator Ash  
Foundry Sand • Glass • Electronic Scrap  
Wood Chips • Batteries



Double Throw  
with Motorized  
Splitter Assembly.  
Newest Magnet Design.

**DADE**  
Capital Corp.  
oDc

**800-823-9688**

Fax 419-931-9001

[www.DADECapital.com](http://www.DADECapital.com)

**\$SAVE  
\$40,000  
off retail!**



## NEW PRODUCT SHOWCASE



### ALLEGHENY SHREDDERS' NEW SHREDDER DESTROYS DRIVES

Allegheny Shredders' new hard drive shredder, is designed to safely and effectively destroy computer hard drives and other electronic devices.

Shredding offers maximum protection, eliminating any possibility of reconstruction and retrieval. With its 7.5 hp motor and high-torque drive train, the Allegheny hard drive shredder can thoroughly destroy more than 35 hard drives per minute.

Features include an angled in-feed chute; 1.5" wide, precision-ground sawtooth, hooked cutters; caster mounts for mobility; and an output conveyor for transfer of shredded material into a dumpster.

**Allegheny Shredders**  
PO Box 80  
Delmont, PA 15626  
800-245-2497  
[www.alleghenyshredders.com](http://www.alleghenyshredders.com)



### ATLAS COPCO'S NEW JAW INCREASES RECYCLING RATES

Atlas Copco's CC 3300 hydraulic CombiCutter now features a new box-shape jaw, allowing the recycling rate to be increased for demolition jobs and the recycling process within the crusher to be simplified.

It has a positive effect on the amount of fines and dust produced on the demolition site.

The box-type jaw B (box shape) has been designed for the CC 3300 CombiCutter. A U-type jaw (U for universal) for demolition work in reinforced concrete and an S type jaw (S for steel) for cutting steel structures are also available.

**Atlas Copco Construction Equipment**  
3700 East 68th Avenue  
Commerce City, CO 80022  
216-520-0211  
[www.atlascopco.us](http://www.atlascopco.us)



### NEW CAT D SERIES MINI EXCAVATORS ADD PERFORMANCE

The new Cat® D Series Mini Hydraulic Excavators – models 303.5D CR, 304D CR, 305D CR and 305.5D CR – are powerful, versatile, compact-radius machines that work comfortably in confined spaces and build on the quality design and reliability of their C Series predecessors. With model designations that closely reflect their operating weights, the new machines feature enhanced stability for greater productivity, a redesigned work-tool coupler, load-sensing hydraulics, and engines that meet United States EPA Tier-4 Interim and EU Stage-3A emissions regulations.

**Caterpillar, Inc.**  
100 NE Adams Street  
Peoria, IL 61629  
800-675-4693  
[www.cat.com](http://www.cat.com)



### CHICAGO PNEUMATIC'S LINE OF RX BREAKERS ARE RELIABLE

Chicago Pneumatic's 13 models in the RX line offer higher breaking performance without increasing the hydraulic input. While the impact energy remains constant, the breaker increases the blow frequency, resulting in increased percussive performance.

The RX2 to RX22 models have fewer components – only two moving parts and no side bolts.

The larger models in the RX line, RX25-RX53, feature a power control valve. These models also feature a cutting-edge side bolt system that uses head bolts and insert threads to distribute the thread strain equally.

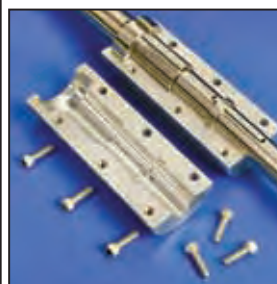
**Chicago Pneumatic**  
1800 Overview Drive  
Rock Hill, SC 29730  
888-298-2905  
[www.cp.com](http://www.cp.com)



### DUST CONTROL'S ADVANCEMENT SUPPRESSES 2.8 ACRES OF DUST

A leader in dust suppression has announced another breakthrough in coverage area, now able to blanket more than 125,000 square feet with a powerful dust-trapping mist from a single machine – more than 2.5 football fields. With a 359° oscillation option for all three of its ducted fan models, Dust Control Technology can deliver what is believed to be the widest coverage of any comparably-sized dust suppression equipment. Known for long throw and outstanding effectiveness, DustBoss® equipment now offers an option for even greater cost efficiency and faster pay-back.

**Dust Control Technology**  
1607 W Chanute Road  
Peoria, IL 61615  
309-693-8600  
[www.dustboss.com](http://www.dustboss.com)



### STAFFORD'S COUPLINGS RESTRAIN LATERAL MOTION

A new line of large bore couplings that feature axial and annular keyways for use with pumps and mixers driven by unsupported shafts is being introduced by Stafford Manufacturing Corp.

Stafford dual-keyed couplings feature axial and annular keyways to transmit torque while restraining lateral motion in pumps and mixers that are driven by unsupported shafts. Offered in 1" to 5" I.D. sizes, the keyways are machined to customer specifications.

Available in steel, stainless steel, or aluminum, Stafford dual-keyed couplings come with straight- or stepped bores to join dissimilar shafts.

**Stafford Manufacturing**  
PO Box 277  
North Reading, MA 01864  
800-695-5551  
[www.staffordmfg.com](http://www.staffordmfg.com)



### STELLAR OFFERS UPDATED TELESCOPIC CRANE

Stellar Industries, Inc. now offers Model 12628 telescopic service crane. The Stellar 12628 features the Stellar® Crane Dynamics Technology™ control system. The 77,800 ft.-lb. crane boasts a hydraulic reach of 28'4" and can lift up to 12,000 pounds. The Model 12628 has a hexagonal boom design for reduced flex and increased strength, and offers a multi-function radio remote control.

The Stellar CDT system allows operators encountering an overload situation to operate through that overload by increasing crane capacity to 118 percent of its normal capacity for a short period of time.

**Stellar Industries, Inc.**  
190 State Street  
Garner, IA 50438  
800-321-3741  
[www.stellarindustries.com](http://www.stellarindustries.com)



### THERMO FISHER INTRODUCES NEW NITON XRF GOLDD

Thermo Fisher Scientific Inc. introduces the Niton® XL2 GOLDD™ Series handheld x-ray fluorescence (XRF) analyzer and enhanced Niton XL3t GOLDD+. The instruments of choice in elemental analysis solutions for the metals recycling industry, Thermo Scientific Niton analyzers quickly and accurately determine alloy grade and chemistry of metal alloy scrap. Users benefit from the ability to rapidly analyze nearly every element of interest in virtually all types of metal alloys, including light element performance for sorting aluminum, titanium, bronze, zinc, superalloys and specialty steels.

**Thermo Scientific Niton Analyzers**  
900 Middlesex Turnpike,  
Billerica, MA 01821  
978-215-1392  
[www.thermoscientific.com](http://www.thermoscientific.com)



### TRANSCUBE INTRODUCES 100TCG BULK FUEL TANK

Transcube introduces the 100TCG to its line of transportable fuel tanks. The new double-walled tank offers a special total containment design to eliminate the risk of spills and contamination.

Providing a capacity of 2,450 gallons, the 100TCG is ideal for feeding large portable generators. The tank is designed with an inner fuel container enclosed within a steel-constructed, weatherproof outer wall that ensures integral secondary containment.

The unit includes a PN16 flange for double-walled pipework requirements and can feed up to two generators while simultaneously fueling equipment with a separate nozzle.

**Transcube USA**  
18 Lois Street  
Norwalk, CT 06851  
203-847-4300  
[www.transcube.net/us](http://www.transcube.net/us)



### WITT INDUSTRIES' NEW ONE TO THREE STREAM CONTAINERS

With the addition of the new 18RT-2H, the popular RT family of recycling containers from Witt Industries now allows the collection of up to three recycling streams in a small space. These durable metal containers are available in 18" diameter (34.5 gallon capacity) models. For smaller volumes, 15" diameter (24-gallon capacity) models are available for one-stream or three-stream collection. Each recycling stream is segregated using separate liners which simplify collection. Available in standard blue, black or green, RT containers include a durable recycling logo.

**Witt Industries, Inc.**  
4600 North Mason-Montgomery Road  
Mason, OH 45040  
800-543-7417  
[www.witt.com](http://www.witt.com)



## BUSINESS BRIEFS

### E-Z Pack Manufacturing adds to sales staff

■ E-Z Pack Manufacturing, LLC has added Bobby Carroll to lead its sales efforts in the Southeast United States. Meanwhile, Dan Schock has been recruited to direct the company's after-market business and inside sales.

Prior to joining E-Z Pack, Carroll served as account manager and customer service representative at Groeneveld Transport Efficiency, a supplier of automated management and maintenance systems for commercial vehicles, including refuse trucks. Prior to Groeneveld, Carroll worked for more than 10 years at Horton Truck Service in Jacksonville, Florida, where he provided sales support, client support and installation services.

Schock's career spans more than 25 years in sales, procurement and distribution of heavy duty truck parts. In his role as aftermarket business development manager at E-Z Pack, Schock is responsible for driving all sales and marketing activities related to aftermarket refuse truck parts and services. He also heads up E-Z Pack's inside sales of refuse truck bodies. During previous career stops at Trailines and Trailmobile Parts & Service Corp., Schock has established a successful track record of growing territory revenues, reducing costs and expanding profits.

### Andy Ockenfels appointed City Carton Recycling CEO

■ Andy Ockenfels, Riverside, Iowa has been appointed City Carton Recycling chief executive officer (CEO) by the company's board of directors. Former CEO, John Ockenfels, retired in September. Andy Ockenfels will continue to also serve as the company's president.

As president and CEO, Andy Ockenfels will be responsible for providing leadership, direction and control for all aspects of City Carton Recycling. Ockenfels assumes ultimate responsibility for all business decisions, and ultimate control of all business operations. He also implements, gives direction and leadership toward the achievement of City Carton Recycling's philosophy, mission, strategy, core values and its annual goals and objectives.

Ockenfels has over 27 years experience with City Carton Recycling, starting with the Company in 1983 as a night shift supervisor for City Carton's Iowa City recycling facility. In the mid and late 1980's, Ockenfels coordinated the start-up and operations of the company's recycling facilities in Mt. Pleasant and Cedar Rapids. Ockenfels served as vice president of operations from 1989 until 2006. He was then appointed president, and continues to serve in that position, and as CEO.

Ockenfels is also very active in state and national recycling associations. In 2010, Ockenfels was appointed and served on Iowa Governor Chet Culver's Comprehensive Recycling Task Force. He is currently serving on the Governor's Green Advisory Committee.

### Benlee hires general sales and marketing manager

■ Benlee, headquartered in Romulus, Michigan, has hired Jim Reeves as the company's general sales and marketing manager. Reeves' primary responsibilities will include overseeing the national and international trailer and truck sales, product development and all of Benlee's marketing strategies.

Reeves is a 15 year veteran of the waste industry and prior to joining Benlee was the South region sales manager at Rudco Products from 2003 to 2010. He is a 1995 graduate of Clemson University in South Carolina.

### Lanair Holdings acquires Clean Burn, Inc.

■ Lanair Holdings, LLC has acquired Clean Burn, Inc. Based in Lancaster, Pennsylvania, Clean Burn is a niche manufacturer of waste oil furnaces and boilers.

For 31 years Clean Burn has been a leader in the manufacturing and selling of waste oil heaters and boilers used to transform used motor oils generated by cars, trucks, heavy equipment, boats and other vehicles into free heat. Clean Burn distributes its products through the largest and strongest distribution network in the world.

Lanair Holdings, which specializes in EPA-approved and UL-listed waste oil heaters that reduce energy costs and help the environment, will maintain the Clean Burn distribution network. The company will also continue to sell the Lanair brand of heaters factory-direct to end-users.

The business will be operated as Clean Burn, LLC, a wholly-owned subsidiary of Lanair Holdings LLC.

### Joel Anderson joins Cusco sales team

■ Cusco, a Wastequip brand, has added Joel Anderson to manage its Gulf Coast and southwestern United States territory. Anderson will have responsibility for Cusco's entire line of mobile vacuum equipment and hydro excavators.

Anderson brings over twenty years of industry experience to Cusco with a background that includes the offshore and marine equipment markets as well as industrial tank cleaning and oil and gas. On the waste side, Anderson has experience helping environmental, drilling and construction companies with their waste management needs. Additional experience includes the pulp and paper and chemicals industries.

### Gerdau Ameristeel now AISI producer member

■ The American Iron and Steel Institute (AISI) welcomed Gerdau Ameristeel as a member of AISI. The AISI board of directors approved Gerdau Ameristeel as a producer member at its quarterly meeting held in Washington, D.C.

## Classified ADVERTISEMENTS

### Rates

**Text Classifieds**  
\$60 for up to 50 words.  
Add \$1 each additional word.

**Display Classifieds**  
\$65 per column inch depth,  
2.5" width.

### Auto Recycling

We buy  
**DIRTY MOTOR BLOCKS!**  
Paying TOP \$ for all ferrous & NF grades.  
**METALICO ANNACO, INC.**  
**800-394-1300**

**1988 AL-JON 40 CAR CRUSHER**, Detroit Diesel power, works great, central Iowa location, \$26,000. Call Mike at 800-362-1654 or call Bud at 515-225-1508.

**GOT A SCRAP OR PARTS YARD?** Got tow trucks? We've got business for you! Donate A Car 2 Charity is a nationwide car donation program handling over 18,000 vehicles a year. Looking for competitive flat rate bids for scrap and parts vehicles. Please fax offers to 866-545-5823 or visit [www.donateacar2charity.com](http://www.donateacar2charity.com).

### Metalico Youngstown

Scrap solutions for business and industry.

#### Mobile Car Crushing Service

#### Non-Ferrous Metal Specialists

Serving Ohio & Western Pennsylvania

ISO  
9002

**Call Toll-Free 800-837-1520**

[www.metalico.com](http://www.metalico.com)

### Balers

**OBC OHIO BALER COMPANY, INC.**  
Your Source for all Recycling Equipment Needs

### ALWAYS BUYING AND SELLING NEW, USED & RECONDITIONED EQUIPMENT

- 2 RAM BALERS • LOGGER BALERS
- METAL BALERS & SHEARS
- ALLIGATOR SHEARS • WIRE STRIPPERS
- SCRAP PROCESSING EQUIPMENT
- RELINE SERVICES

**EXCLUSIVE HARRIS DEALER FOR  
OHIO, WESTERN PA. & WESTERN NY.**

**216-398-8800**  
[www.OhioBaler.com](http://www.OhioBaler.com)

**HORIZONTAL BALER, LOGEMANN  
MODEL 245B-AT.** Bale 40" x 30" x 56". Bale weight 1,150 to 1,500 lbs. Compression 12" cylinder, 3,000 psi, 9" ejector cylinder. 100 hp motor, automatic tie. 100 hours since overhaul. Bob Hall 405-236-4255.

### Businesses

**AUTO RECYCLING/SCRAP YARD**, all licensed and certified, plus large, 3-bay garage/lifts with apartment over, pole barn, all equipment, outbuildings. Landscaped, nice, 2,200 sq. ft. home on 17 acres in low tax Webster, New Hampshire. Owner retiring, asking \$750,000. Owner financing available. Call 603-746-2554.

**CENTRAL NEW YORK STATE** auto and truck dismantling/repair/sales facility. Located near Syracuse, 8 miles from Interstate 81. Established in 1966, all state and local licenses current. Includes 24,000 sq. ft. warehouse, dock level on side, ground level on ends, 3,000 sq. ft. repair shop on 15 acres, forklifts, loader and inventory of 1930-1990s vehicles. Owner retiring, asking \$750,000, will consider serious offers, some owner financing available. Also available, 102 acres of adjacent land covered under same zoning and 3 unit apartment house. This yard is 100% clean, no environmental issues. Contact Floyd at 607-898-9116, leave message, all calls returned.

### Material Handlers

### KOMATSU PW 220-7MH

2005 & 2006 MACHINES

Hydraulic cab riser,  
solid tires, gen-set,  
grapple,  
and A/C.

LOW HOURS

**800-472-0453** Ivan Jacobs

**STATIONARY TRI STATE SHEAR, BALER, LOGGER.** Has squeeze box. Very good older machine. \$49,900. Newton, Wisconsin. Please contact Eric, 920-693-8261, [bbmetals@tds.net](mailto:bbmetals@tds.net).

**HAVE USED EQUIPMENT TO SELL?** Consider placing it in American Recycler - for only \$60! Call 877-777-0737 or visit [AmericanRecycler.com](http://AmericanRecycler.com) for 24/7 service. We offer FREE professional layout of display advertisements and your ad will be shown on our busy website!

### NEW American-Built GEN-SETS & MAGNETS

**800-472-0453** Ivan Jacobs

**NEXT DEADLINE 1/17  
CALL TODAY 877-777-0737**



## Material Handlers

### HEAVY EQUIPMENT SERVICES CO



**2001 FUCHS MHL331** (Rubber) 36' Reach, Hyd Cab, Gen Set & Grapple

**2006 FUCHS MHL350** (Rubber) 49' Reach, Hyd Cab, Gen Set & Grapple

**2003 FUCHS RHL350** (Crawler) 49' Reach, Elev Cab, Gen Set & Grapple

**2000 FUCHS MHL360** (Rubber) 59' Reach, Hyd Cab, Gen Set & Grapple

**2006 Caterpillar M322C MH** (Rubber) 41' Reach, Elev Cab, Gen Set & Grapple

**1999 Caterpillar M325B MH** (Rubber) 50' Reach, Elev Cab, Gen Set & Grapple

**2004 Liebherr A924** (Rubber) 42' Reach, Elev Cab, Gen Set & Grapple

**2001 Liebherr R934** (Crawler) 52' Reach, Hyd Cab, Gen Set & Grapple

[www.hescomachinery.com](http://www.hescomachinery.com)

**CALL JOHN DAVIS 952-944-3611**

### KUHN EQUIPMENT



**2006 CAT M322C MH** - 9,400 hrs., Hydraulic Cab, NEW 12 kw Gen Set, 3/4 yd Orange Peel Grapple w/ 360 rotation, 41 ft MH boom & stick, outriggers x4, solid tires. Cat-maintained since new. Very clean **\$169,500**



**2006 Cat 330CL** - Cab guarding, heat & A/C, equipped with Genesis GXP700 (15,000 lb.) straight shear. Checked through shop and work ready. **\$199,500**



**2005 Cat M322C MH** - 6,700 hrs., hydraulic cab, 12 kw Gen Set, 41 ft. MH boom & stick, outriggers x4, solid tires. Excellent. Through shop & work ready. **\$169,500**

**(800) 225-0623**  
[sales@kuhnequipment.com](mailto:sales@kuhnequipment.com)

## Material Handlers

### EQUIPMENT INTERNATIONAL

**Call Ivan Jacobs today at 800-472-0453**

Hydraulic Material Handlers  
Mobile Shears & Grapples  
Magnets & Gen-sets

#### ATLAS

2007 1804 (rubber), 52' reach, hydraulic cab, gen-set and grapple. (2,400 hours)

#### CATERPILLAR

2005 M325C REBUILT (rubber) with 50' reach, hydraulic cab, A/C, gen-set and grapple.

2002 M320 REBUILT (rubber), 39' reach, A/C hydraulic cab, gen-set and grapple.

2002 M318 (rubber), 36' reach, A/C, hydraulic cab, gen-set and grapple.

#### FUCHS

2006 & 2007 MHL350D (rubber), 52' reach, A/C hydraulic cab, gen-set and grapple.

2004 MHL 350 (rubber), 50' reach, hydraulic cab, gen-set and grapple.

2003 MHL331 (rubber), 34' reach, hydraulic cab, gen-set and grapple.

2001 MHL360 REBUILT (rubber), 59' reach, hydraulic cab, gen-set and grapple.

2001 MHL 340 REBUILT (rubber), 41' reach, hydraulic cab, gen-set and grapple.

2001 MHL320 (rubber), 31' reach, hydraulic cab, gen-set and new 48" magnet.

1995 MHL 350 REBUILT (rubber), 50' reach, hydraulic cab, gen-set and grapple.

#### LIEBHERR

2005 A934 REBUILT (rubber), 51' reach, hydraulic cab, gen-set and grapple.

2004 R954EW (crawler), 59' reach, hydraulic cab, gen-set and grapple.

1999 R934EW REBUILT (crawler), 50' reach, 4' cab riser, gen-set and grapple.

1994 A932 REBUILT (rubber), hydraulic cab, gen-set and grapple.

#### SENNEBOGEN

2006 821M (rubber), 36' reach, hydraulic cab, gen-set and grapple.

2005 835M REBUILT (rubber), 55' reach, hydraulic cab, gen-set and grapple.

2004 825M (rubber), 43' reach, hydraulic cab, gen-set and grapple.

2000 830M REBUILT (rubber), 50' reach, hydraulic cab, gen-set and grapple.

#### OTHERS

2005 & 2006 Komatsu PW220 (RUBBER), 41' reach, **hydraulic cab**, gen-set and grapple.

1996 KOMATSU PC240 REBUILT (crawler), 38' reach, 3' cab riser, gen-set and grapple.

2006 SIERRA T700SL shear/baler combination.

2005 SIERRA 5000 baler with crane.

2004 SIERRA T500SL shear/baler combination.

2008 AL-JON 580CL portable logger/baler

2003 NEW HOLLAND MH (rubber), 40' reach, cab riser, gen-set and grapple.

1995 NORTHSHORE 2100 SE REBUILT (stationary electric-75HP) MH, 27' reach, cab, A/C and grapple.

Genesis GMS 500 R rotating shear.

**(3) USED ROTATING GRAPPLES**  
**(1) USED 67" OHIO MAGNET**  
**NEW 4-TINE ROTATING**  
**SCRAP GRAPPLES**

**NEW BELT OR DIESEL-DRIVEN**  
**GEN-SETS COMPLETE**

## Miscellaneous

**WE NOW OFFER HIGH QUALITY**  
**Grapples & Magnets**

New Low Price for Lower-pressure ALLIGATOR  
SHEARS - Ideal for radiator cleaning, etc.

Call Shaughnessy  
Hamburg, NY

800-549-0490  
All 50 plus Canada!

## Miscellaneous

### EQUIPMENT FOR SALE

#### SHREDDERS

- Reitz PB24 Prebreaker 22"x33"
- SSI 450HP Diesel 42"x66" Shredder
- Retech 2007 RG32/20 shredder 25HP

**Perry Videx LLC • 609-288-4046**  
[fgarcia@perryvidex.com](mailto:fgarcia@perryvidex.com) • [www.perryvidex.com](http://www.perryvidex.com)

### SWEAT FURNACES INCREASE PROFITS!

US Furnaces's  
MAX-4000



Hi-efficiency, new technology.

**518-424-1168**

[www.RecyclingFurnaces.com](http://www.RecyclingFurnaces.com)

<b>24" GAS TANK STRAP CUTTER</b>		<b>\$119</b>
<b>27" SLIDE HAMMER HANDLE GAS TANK STRAP CUTTER</b>		<b>\$155</b>
<b>28" STEEL CABLE CUTTER</b>		<b>\$89</b>
<b>33" COPPER &amp; ALUMINUM CABLE CUTTER</b>		<b>\$155</b>

CALL JOHN HARTY TOOLS  
**800-253-5646**

### SARGENTS EQUIPMENT & REPAIR SERVICE

Dedicated to Serving the  
**SCRAP Industry!**

**Material handlers in stock:**  
**Liebherr A932, A934, A944**  
**Cat-M320, M325C, 330C**

**Shears in stock:**  
**PC 200/300R Genesis**  
**Kobelco 350/660R Genesis**  
**Cat 235D/500R Genesis**  
**Genesis 500R/1000R**

**We Service what we Sell!**

TO SEE OUR INVENTORY PLEASE VISIT  
[www.sargentsequipment.com](http://www.sargentsequipment.com)  
OR CALL US AT 708-758-2062

### Waste Hauling Accessories for Every Need!



**Custom Orders too!**

- Poly sheeting • Roll off liners
- Asbestos liners • FIBCs

**GLOBAL-PAK INC.**

**330-482-1993 / [global-pak.com](http://global-pak.com)**

## Miscellaneous

**412.562.0891 tel**  
**412.562.0892 fax**

[info@sternerconsulting.com](mailto:info@sternerconsulting.com)



**STERNERCONSULTING**

**Solid Waste Business Brokers**  
**(M&A Services)**

WE WILL SELL your Collection Business, Landfill, Transfer, or Solid Waste Facility. We have been in the US solid waste industry Mergers & Acquisitions business for three decades...and we NOW have Strategic and Financial Buyers Who Will PAY Top Dollar For Premiere Industry Companies. You will be able to work with our Four Point M&A Program to represent your hard-earned business success to real BUYERS for your company, permits, and solid waste management operations.

**[sternerconsulting.com](http://sternerconsulting.com)**

### COMPACT GENIUS GENSET



**INSTALL DIMENSIONS:**

**L34" X W28" X H34"**

- 13kW 57 AMP GENERATOR
- KUBOTA DIESEL ENGINE
- REMOTE CONTROLS IN CAB
- VIBRATION ISOLATED
- SHORT-CIRCUIT PROOF
- SAFETY SHIELD "CAPSULE"
- NO WEARING PARTS
- POWERS TO 58" MAGNET
- ALSO: 10kW / 20kW MODELS

**FULL DETAILS ON WEBSITE**  
**[www.jobmachineryinc.com](http://www.jobmachineryinc.com)**

**MADE IN AMERICA BY**  
**JOB MACHINERY, INC.**

**CALL 612-961-8893**

## Scales

**NTEP APPROVED, LEGAL FOR TRADE FLOOR SCALES:** 4' x 4' 5,000 lbs. \$795, 5'x5' 5,000 lbs. \$1,100. Scales come factory calibrated with digital readout. Free shipping, other sizes and capacities available. Industrial Commercial Scales, LLC, 843-278-0342, [sales@icscale.com](mailto:sales@icscale.com).

**HUGE OPPORTUNITY** to advertise your business! Call 877-777-0737 to find out how to get your ad displayed on [www.AmericanRecycler.com](http://www.AmericanRecycler.com) today!



WE ACCEPT CHECKS, MONEY ORDERS, MASTERCARD, VISA and DISCOVER.

**Rates****Text Classifieds**

\$60 for up to 50 words.  
Add \$1 each additional word.

**Display Classifieds**

\$65 per column inch depth,  
2.5" width.



# Classified ADVERTISEMENTS

ALL CLASSIFIED ADVERTISEMENTS MUST BE PAID IN ADVANCE.

**To Place Your Ad****Call**

877-777-0737

**Fax**

419-931-0740

**Visit**

AmericanRecycler.com

**Software**

**SALVAGE YARD SOFTWARE.** Auto recyclers yard management system for Windows™ by Rossknecht Software. Obtain extra revenue from scrap vehicles. Includes vehicle parts breakdown, invoicing, bar code tags, digital pictures, reports, towing, sales history, bookkeeping. New: Scrap purchase invoice and prints checks; send your inventory to your website. \$750 complete, no monthly fees. Visit [www.rossknecht.com](http://www.rossknecht.com), e-mail [arsales@rossknecht.com](mailto:arsales@rossknecht.com). Free demo CD 303-884-5315.

**Shears****MOBILE  
SHEARS**

with  
Cab Guards



1990 CAT 235  
with CAT S340  
rotating shear.

LIEBHERR R952HDX with Vibra-Ram shear.

2004 KOMATSU PC600 LC-7 with  
Genesis 1000R rotating shear.

GENESIS 500R rotating shear head.

2006 CASE 330 (3,500 hours) with  
Genesis 660R rotating shear (300 hours).

**800-472-0453** Ivan  
Jacobs

**MOBILE SHEARS**

2006 Link Belt 330LX (Crawler) with  
New Labounty MSD2500R Shear

[www.hescomachinery.com](http://www.hescomachinery.com)

CALL JOHN DAVIS 952-944-3611

**\$8,900 Per Month****Rental Purchase Available**

Weight 7,300 lbs.,  
Cutting Force @ Jaw  
662,000 lbs.  
Jaws Opening 24"  
Jaws Depth 25 7/8"

**Cuts**

I-Beams, 15 3/4"x6"x3/8"; H-Beams, 11 3/4"x11 3/4"x1/2"  
Plate, 5/8"; Pipe, 121/2"x1/2"

**Ransome Equipment Sales**

856/608-6999 email: [percy.res@gmail.com](mailto:percy.res@gmail.com)

<http://www.ransome-equip.com>

<http://www.longreachhighreach.com>

**Shears****'99 1100 ton Vezzani PC1023 AC**

Very low hours • Many spare parts  
Well maintained • \$950,000  
FOB • Newton, WI  
Contact Eric or Bob  
(920) 693-8261 • [bbmetals@tds.net](mailto:bbmetals@tds.net)

**2007 CAT 345C with 385B Shear**

2,900 hours, fixed gauge under carriage, 22' 8" reach,  
heavy duty bottom, vandalism guard, hand control  
pattern changer, straight travel, lines-hp, reach boom,  
counterweight removal device, track, 36" hd triple  
grouser, shear mounting bracket, hydraulics to run  
rotating shear, cab guard. \$320,000 \*\*Alternate avail-  
able 2008 with 52 hours, inquire for pricing\*\*

Call Jennifer: 314.647.8338  
[www.tri-rinse.com](http://www.tri-rinse.com)

**Steel Buildings**

## STEEL BUILDING SUPER SALE!!!



Super Tough, Heavy Gauge  
**STEEL BUILDINGS**

• Workshops • Equipment  
• Storage



• Easy, fast assembly!  
• No crane  
needed!

**800/825-5059**

**MODELS!**  
26 x 44 (2 left)  
32 x 50 (3 left)  
40 x 64 (1 left)  
45 x 80 (3 left)  
52 x 110 (1 left)

**Tire Recycling**

**NEEDED: INDIVIDUALS INTERESTED** in a 21st century, environmentally-sound, revenue-generating, proprietary crumb rubber and refracting system. Tires turned quickly, leaving nothing behind to waste. All components, (fiber, wire mesh, and rubber) are separated and generate revenue streams that will amaze the tire recycler. Write us at [firesafe@comcast.net](mailto:firesafe@comcast.net).

**Trucks & Trailers**

## SCRAP TRAILERS

\$24,950 Each



**Three (3), 2006 MANAC Tri-Axle Scrap Trailers** available. 53' steel trailers used for only 2 years. Located in Salt Lake City.



Jason Vriens • 877-521-2002

## Sterling/Cusco Hazmat Tanker Truck



2005 Model Sterling LT7500  
Mileage is approx. 13,121  
Call for more details and photos.  
419-776-5070

**Next Deadline****JANUARY 17**

**American  
Recycler**  
NewsVoice of Salvage, Waste and Recycling

Advertise.  
877-777-0737

Tell the world  
about it!



**titanium**



**steel**



**aluminum**



**copper**



**rubber**



**inconel**



Government Liquidation operates an exclusive contract for the U.S. Defense Reutilization & Marketing Service to sell scrap material to the public.

The scrap property offered for sale is located at over 60 scrap yards across the United States.

All sales of scrap material are conducted via our online auction platform through Internet Auctions, Sealed Bid Sales & Term Contracts.

With an estimated annual generation of over 300 million pounds of scrap, buying opportunities are unparalleled.

[www.bidonscrap.com](http://www.bidonscrap.com)

**Government  
Liquidation**

A Subsidiary of Liquidity Services, Inc.



## GREAT BUYS! TRADE-INS

### 2003 EZ A+ Car Crusher



#### Portable Crusher

Full automation system, hydraulic landing gear and air compressor. 11,400 engine hours on the efficient John Deere, 6-cylinder diesel engine.

This crusher has been well-maintained and is ready to crush. Located in Illinois.

**REDUCED!**  
~~\$94,900.~~ \$89,000.

### 1989 E-Z A+ Car Crusher



#### Portable Crusher

Car crusher with repacked cylinders.

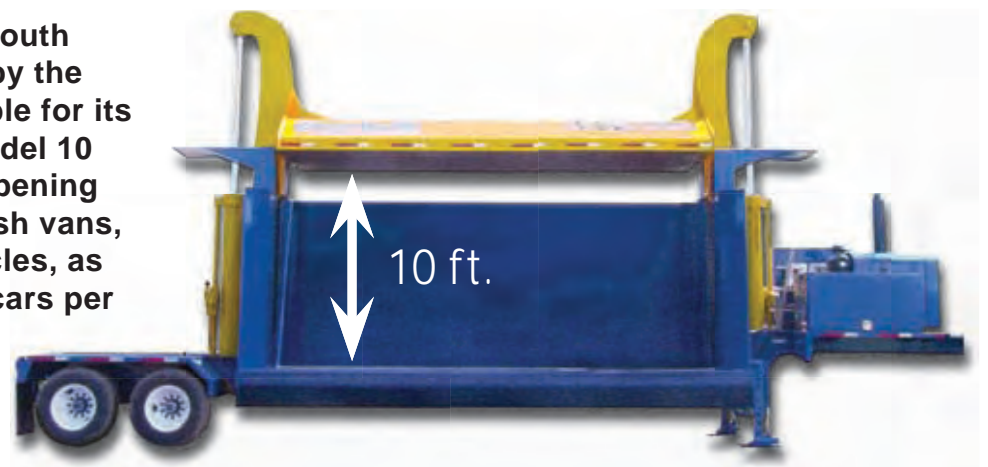
John Deere 6-cylinder diesel engine.

Car crusher is located in Florida.

\$59,000.

## Crusher valued for more than its big 10' opening

OverBuilt Inc. of Huron, South Dakota, is distinguished by the high-speed option available for its Model 10 crusher. The Model 10 has a 10-foot high door opening allowing operators to crush vans, buses and other tall vehicles, as well as loading up to six cars per cycle. The 400-gallon on-board fuel tank allows operators to refuel loaders as well as go long periods between fillups. A similarly sized 400-gallon tank holds fluids reclaimed from flattened vehicles.



But the Model 10's speed is its primary distinguishing option. OverBuilt employs a high speed oil bypass system to quickly transfer hydraulic fluid from the tops of cylinders to the bottoms, reducing the volume of oil that must be pumped from the reservoir, therefore cutting cycle time.

## OverBuilt's Baler/Logger has increased compression force



OverBuilt's Baler/Logger unit has a larger charge box and a variable bale size feature making it versatile to suit your particular needs.

With the increased compression force, it's extended fuel capacity and heavy-duty knuckle boom make this baler/logger a powerful machine with superior reach and lifting capacity.

Definitely an asset you should order today!

**CALL NOW 800-548-6469**

★ ★ ★ ★ **SPECIAL!** ★ ★ ★ ★

**BUY NOW AND RECEIVE:**

**UNPARALLELED QUALITY**

**FANTASTIC PARTS AND SERVICE**

**GREAT PRICES AND FEATURES**

**EXPERT KNOWLEDGE AND SERIOUS TECHNOLOGY**



## Domestic shredders starving for feedstock

by MIKE BRESLIN

mbreslin@americanrecycler.com

Today, a large steel shredding plant equipped with the latest available downstream nonferrous technology can easily represent a capital investment of \$20 to \$25 million dollars. To operate one profitably, the owner needs a consistent flow of raw material. Hopefully, a supply that comes from not too far away and closely matches the capacity of the machine during hours of operation.

This steady stream of material pays for the labor and overhead costs associated with running the shredder. The expense of acquiring scrap and transportation are the other major factors in the profitability equation. That explains why shredders are habitually hungry for scrap. Keeping them satiated is a year-round, never-ending job and the primary focus of management.

It has been particularly tough for shredders in a slowly recovering economy, but there are optimistic signs that recent increases in new vehicle sales will yield more old bodies for the shredders. From November 2009 to November 2010, total United States light vehicle sales (passenger cars and light trucks) were up 16.9 percent.

Liberal government incentives designed to encourage purchases of the new crop of electric vehicles entering the market in 2011 are also likely to drive greater numbers of older vehicles to the scrap yard. While overall domes-

tic manufacturing has been slowly recovering since the financial crisis, it remains weak. In many areas of the country, manufacturers are generating less industrial scrap and some shredders are suffering from constricted supply.

"Currently, flow to our shredder has been steady, but feed material is one of our continuous challenges," said a facility manager at Alter Metal Recycling. He's referring to their 5,000 hp Texas Shredder that consumes 100 tons per

hour. "We are generally trying to be creative and are constantly looking for new sources. Every little bit helps. If there's a new source and someone comes up with a proposal, you look at it and try to

See FEEDSTOCK, Page 7



Large shredders have been buying more feeder yards to keep feedstock flowing. More acquisitions are likely as smaller operations find it harder and harder to acquire enough material to keep their shredders running profitably.

## GM surpasses landfill-free facilities commitment

General Motors (GM) announced that 52 percent of its worldwide facilities are now landfill-free, meaning all waste generated from normal operations is reused, recycled or converted to energy.

GM now has 76 landfill-free facilities, achieving a global operations commitment established in 2008 to convert 50 percent of its 145 plants to landfill-free status by the end of 2010.

GM employees focus first on decreasing the amount of waste generated, and then work to recycle the

unavoidable waste. This year alone, GM has recycled or reused 2.5 million tons of waste materials at its plants worldwide – enough to fill 6.8 million extended-cab pickup trucks that, if parked end-to-end, would stretch around the world.

Through this annual recycling rate, it is estimated that GM has eliminated 8.4 million metric tons of carbon dioxide equivalent (CO<sub>2</sub>e) emissions from entering the atmosphere.

GM's first facility to achieve landfill-free status was an engine plant in Flint, Michigan in 2005.

GM plants monitor, measure and report monthly on how they perform against waste-reduction goals. This data, which sets the stage for the landfill-free initiative, shows what materials are being generated, reused and recycled, and reveals areas for improvement. The resulting insight helped form a process that enables facilities to replicate best practices globally.

On average, more than 97 percent of waste materials from GM's zero-landfill plants are recycled or reused, and less than 3 percent are converted to

energy at waste-to-energy facilities, replacing fossil fuels.

Critical to the landfill-free designation is the ability for GM to turn material byproducts from routine manufacturing operations into new-vehicle components. Plant managers view this waste as potentially useful and marketable, and they work with their teams and suppliers to develop these closed-loop systems. Other operational waste comes full circle, as well, and is often recycled into plant supplies.

See LANDFILL-FREE, Page 2

**You can't recycle wasted time.**  
Excel balers make bales faster and reduce time spent on labor and repair.

"We've been running a Signature 200 at Tri-CED for four years now, and this Twin-Ram really out-performs all the other balers we've used. We're pushing out 300 bales a day, easy, and I rarely use the operators platform – I'm on the floor loading and unloading. It's the best baler I've used: fast, rarely needs maintenance, practically runs itself, which gives me more time to move material – Now that's an efficient use of time!"

Steve Sims – Tri-CED Community Recycling,  
Union City, CA

800 475-8812

www.excelmfg.com

**EXCEL**  
MANUFACTURING

The only thing stronger than our balers is the loyalty of our customers.

Contact Excel to learn how we can help you save time and make more bales.



## A Letter from the Editor

Readers,

Happy New Year, and thanks for ringing in 2011 with the latest edition of American Recycler. I hope everyone had a restful couple of days off, and is ready to head back to work to start paying off all of their Christmas cheer.

I imagine that many of our readers have been, or plan on making resolutions for the New Year. If you haven't yet made yours, perhaps you might find some inspiration right here, in this month's paper.

General Motors is setting a fine example that others would do well to follow. As detailed in this month's Focus section, GM has implemented, and is actively pursuing, a zero-landfill policy at its plants.

Like most resolutions, GM's zero-landfill policy is tough to realize, but the benefits of seeing it through are numerous. If you think quitting smoking or losing weight is hard, try finding alternative uses for hundreds of industrial waste products.

Now that GM's got the ball rolling though, they're gaining momentum and starting to see the benefits of their hard work. The policy is ecologically sound, burnishes their reputation, and keeps them on the EPA's good side, which may be the biggest benefit of all. And, just as quitting saves smokers money, GM's reuse of its wastes saves them the expense of virgin materials and costs associated with energy generation.

It's this type of win-win idea that drives the green movement. Going green is often seen merely as a way to gain a public relations boost, but green policies and practices don't always have to be for show. The best ideas also make good business sense in that they save the companies that implement them time, money and legal difficulties.

So read American Recycler. Find out what others are doing, and see if it makes sense for your business. Or, strike out on your own and innovate your own green business practices. If you do, it's likely you'll find that YOU are the one that others read about and draw inspiration from in American Recycler.

To all of our readers, have a happy and prosperous New Year. Keep reading American Recycler, and together we can make prosperous possible.

Until next month,



Dave Fournier  
Focus Section Editor  
david@americanrecycler.com

## THINK delivers domestic-built electric cars

THINK™, an electric vehicle manufacturer, has delivered its first American-built cars to the State of Indiana for use in its government fleet. The 15 vehicles, which were shipped from THINK's manufacturing facility in Elkhart, Indiana, will be the first electric passenger vehicles with American-made, Lithium-ion batteries used in a domestic fleet operation.

The economics of electric vehicles for fleet operators in terms of cost of ownership are highly positive. With defined travel routes and centralized recharging and service, fleets are the natural platform to launch this new industry.

The THINK City model is an all-electric, zero-emission car designed in Scandinavia for fleet applications and urban commuters. Durable, highly maneuverable and with low maintenance, the THINK City can travel 100 miles on a single charge, using advanced Lithium-ion batteries manufactured in Indiana by Ener1, Inc. The vehicle has accumulated more than 35 million road miles in customer experi-

ence since it was first safety certified in Europe in 1999.

The vehicle presentation took place at Fort Harrison State Park outside of Indianapolis and was presided over by Governor Mitch Daniels. The cars were delivered to the Department of Administration and will be used principally by the Department of Natural Resources in the state's park system.

Mass deployment of electric vehicles in the state of Indiana is being facilitated by Project Plug-IN, an initiative organized by the Energy Systems Network (ESN), which is creating one of the most advanced ecosystems to support electric transportation in the country.

By early 2011, ESN will place 100 or more electric vehicles and supporting charging infrastructure with government and corporate fleets, as well as selected individual commuters, across the Indianapolis metropolitan area. Project Plug-IN enlists a wide range of industry and government partners to solve technical and regulatory challenges related to preparing communi-

ties for electric vehicles and is helping lead the national government-industry dialog to develop deployment community strategies.

"Our goal with Project Plug-IN is the seamless transition for consumers from gas-powered to electric cars," said ESN president and CEO Paul Mitchell. "To make this happen requires collaboration among vehicle and battery makers, utilities and government agencies at all levels and the willing participation of fleet operators, like the Department of Administration. The response so far has been tremendous."

THINK plans to roll out retail distribution in select cities in the second half of 2011. The retail distribution timeline coincides with the company's plans to expand the production line at its Elkhart facility, where the company currently employs more than 25 local workers. By the end of 2011, THINK will have more than 100 people in Elkhart building electric cars and more than 415 by the end of 2013. The company also builds the THINK City in Finland for sale in Europe.

## Landfill-free

■Continued from Page 1

Examples include:

- Cardboard shipping materials from the GM Marion Stamping and Fort Wayne Assembly plants are recycled into sound-absorber material in the Buick Lacrosse's headliner.

- Plastic caps and shipping aids from the Fort Wayne facility are converted into radiator shrouds for the Chevrolet Silverado and GMC Sierra pickups built at the plant.

- Tires from vehicle performance testing at Milford Proving Ground are shredded and used in the manufacturing of air and water baffles for a variety of GM vehicles.

- Paint sludge from the Lansing Grand River plant is turned into plastic material and used for shipping containers durable enough to hold Chevrolet Volt and Cruze engines.

"In addition to the environmental benefits, recycling provides a strong business case," said Mike Robinson, vice president of Environment, Energy and Safety Policy. "GM has generated more than \$2.5 billion in revenue since 2007 through its various recycling activities."

For example, metals from stamping and powertrain operations are valuable, especially considering the amount

GM generates. What metal grindings and scraps GM doesn't re-melt or reuse are sold to third parties like foundries.

GM was one of the first organizations – and to date is the only auto manufacturer – inducted into the United States Environmental Protection Agency's (EPA) WasteWise Hall of Fame, which recognizes continued outstanding waste reduction. GM's worldwide facilities combined recycle 90 percent of the waste they generate. The company has reduced total non-recycled waste 75 percent between 2000 and 2010 at manufacturing sites around the world. During the last 5 years, it decreased waste generated per vehicle by 28 percent.

GM has made great progress in reducing its environmental impact. In November, Chevrolet announced a multi-year commitment to invest \$40 million in various clean energy projects throughout America with a goal to reduce another 8 million metric tons of carbon dioxide emissions.

PHOTO COURTESY OF GENERAL MOTORS



If a word in the dictionary were misspelled, how would we know?

*Today is the BEST time  
to promote your company.*

*Ad space is limited,  
so don't wait...*

**877-777-0737**  
**www.AmericanRecycler.com**



# ARA responds to manufacturer attacks on recycled parts

At their annual meeting of members in Austin, Texas, the Automotive Recyclers Association (ARA) announced that the organization has issued a formal complaint letter with the Federal Trade Commission (FTC) against two car manufacturers, Hyundai Motor America and American Honda. Both companies have released statements that warn against the use of recycled auto parts, and indicate that their use will void vehicle warranties issued by the companies. In the letter ARA said the statements made recently by these two companies and their threatened warranty refusals could be violations of the Magnuson-Moss Act.

Use of these recycled parts, a 22 billion dollar industry, has been widely accepted for decades and there is a very long track record of their successful use. Recycled parts are original equipment manufacturer (OEM) parts. They are

fully functional and are in many cases identical to the original parts Hyundai Motor America and American Honda are requiring. Recycled parts were new OEM parts at some point, yet both Hyundai Motor America and American Honda are calling for the use of their own new parts in repairs.

"Neither manufacturer has provided any evidence that parts unaffected by an accident become inadequate once reused, which begs the question why their use is not supported by either company," ARA's chief executive officer Michael E. Wilson stated in his appeal to the FTC. "Following the logic held by these companies, as soon as a new Hyundai, Honda or Acura drives off the lot, its parts are unsuitable for use as replacement parts in another vehicle, implying that the parts are unfit for use as soon as the car drives off the lot."

In addition, recycled parts have several additional benefits compared to new parts:

- Recycled parts allow consumers to save on costs while using parts identical to new OEM parts.

- Recycled parts are much better for the environment, since no additional resources or energy were used to create an unnecessary new replacement part.

- Auto recyclers provide warranties on any recycled part used in a repair, indicating that recycled parts are not used in an attempt to cut corners with customers.

"We believe the statements made by Hyundai Motor America and American Honda are part of a concerted effort among automobile manufacturers to limit competition in the automotive parts market to try to limit their competition," said Wilson.

According to the most recent Mitchell Repair Collision Data, new OEM parts accounted for 67.9 percent of all parts used in repairs, which represented a decline from previous quarters. In the second quarter of 2008, new OEM parts accounted for 74.4 percent of all parts used in repairs. Much of this decline can be explained by consumers and the collision repair industry becoming better educated about quality part alternatives, such as recycled OEM parts. As automobile manufacturers watch their large market shares shrink from legitimate competition, they become concerned about loss of profit. "We believe that many, if not most manufacturers are attempting to maintain their market power through inappropriate restrictive activities including issuing statements that their warranties will not cover the use of recycled parts," said Wilson.

# Nissan LEAF system named to Ward's 10 Best Engines

Ward's has announced that Nissan LEAF's 100 percent electric, zero-emission drive system is included on its prestigious '10 Best Engines' list for 2011. It is the first time in the 17-year history of the magazine's '10 Best Engines' that the selection committee has chosen a power system which doesn't have an engine and will never burn a drop of gasoline.

For 2011, 38 competitors were considered, marking the largest group

in the history of the award. The competition included both naturally aspirated and forced induction internal combustion engines, diesels, hybrid electrics and the all-electric Nissan LEAF. The editors evaluated the vehicles based on horsepower and torque; noise, vibration and harshness; the engine's technical attributes; and their relevance among direct rivals.

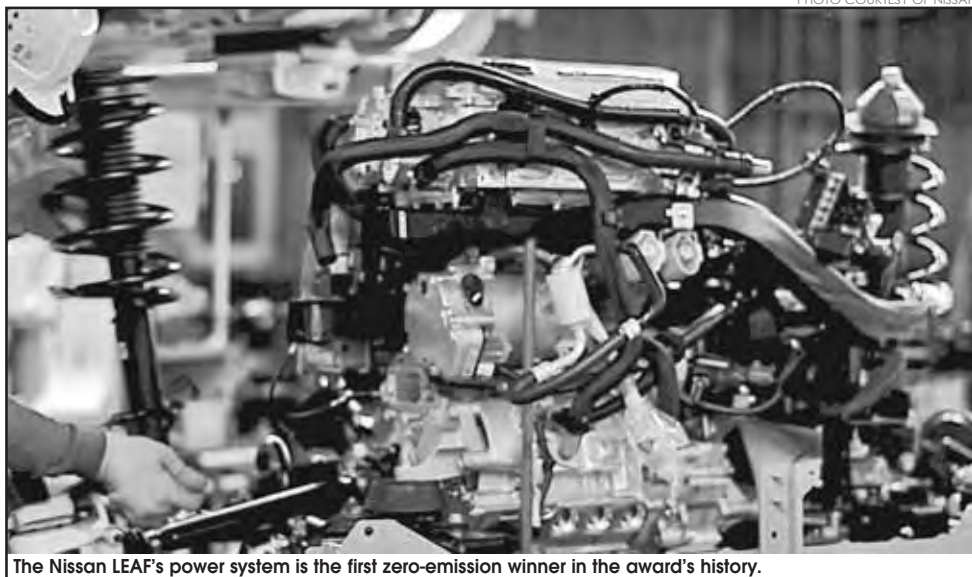
The all-new Nissan LEAF features a high-response 80kW AC synchronous

motor powered by a 24 kWh lithium-ion battery manufactured at the Automotive Energy Supply Corporation operation in Zama, Japan, which is a joint-venture of Nissan Motor Co., Ltd. and NEC Corporation. Both motor and inverter have been developed by Nissan, and the power system generates 107 hp and 207 lb.-ft. of torque. The power is transferred to the wheels through a single-speed reduction gear.

Unlike a conventional internal combustion engine, Nissan LEAF delivers maximum torque from start, providing smooth, consistent acceleration. Performance in the low-to-medium speed range is equivalent to that of a vehicle powered by a V6 gasoline engine. This power system provides a highly responsive, fun-to-drive experience consistent with consumers' expectations for traditional, gasoline-powered vehicles.

The 2011 Nissan LEAF went on sale in December in selected markets in the United States and will be available nationwide in 2012.

The awards will be presented at a January 12, 2011 ceremony in Detroit during the North American International Auto Show.



The Nissan LEAF's power system is the first zero-emission winner in the award's history.

## Schnitzer's Pick-n-Pull actively expanding

Schnitzer Steel Industries, Inc. announced three transactions related to its auto parts business. The three transactions included the acquisition of substantially all of the assets of Waco U-Pull-It, Inc.; a facility in Stockton, California that will be developed into a specialty self-service facility; and a property adjacent to one of its facilities in Oregon which will enable expansion of the existing operation.

Said Tamara Lundgren, CEO of Schnitzer Steel Industries, "We are expanding our network of retail Pick-n-Pull stores and continuing to expand in the high growth Texas market."

Waco U-Pull-It has been providing self-service used auto parts for two years at its current location.

## LKQ partners with SafeAuto insurance

LKQ Corporation and SafeAuto Insurance Company have entered into a strategic alliance for the disposition of total loss vehicles. LKQ will pay SafeAuto an agreed price for total loss vehicles, eliminating the expenses associated with having the vehicles processed through auctions. The alliance will continue to develop the insurance industry's innovation in the area of alternative parts utilization.

Senior VP, LKQ, Rob Wagman said, "By providing a competitive bid for salvage, we are keeping salvage from leaving the United States and making those parts available to carriers and repairers alike. Keeping salvage in the States will reduce claims costs and the amount of total losses of other damaged vehicles."

## New! NMVTIS Buddy

The BEST VIN Reporting Software Available!



Reports VINS directly to ISO, keeps VINS organized, offers easy-to-find vehicle status & works with or w/o YMS.

More SOLUTIONS for Auto Recycling and Scrap Industries:

- **CORE BUDDY**  
Make more CASH now!
- **INVENTORY BUDDY**  
Turn your parts faster!
- **BID BUDDY XL**  
Buy smarter!

Inventory and Bid Buddy can be used with Checkmate, Pinnacle Classic & Pro, Hollander HYMS and Powerlink I & 2.



Call for a live demo!  
**866.337.1177**  
**buddyai.com**



# EQUIPMENT SPOTLIGHT

## Auto Loggers/Balers

by **MARY M. COX**

maryc@americanrecycler.com

An auto logger, first used in Europe around 1989, provides auto recyclers the capability to compress scrap vehicles into a denser, more uniform shape that stacks well, resulting in more efficient loading and transporting of crushed auto bodies. Because haulers can load trailers to the maximum weight limits, all of these factors add up to increased efficiency and savings for auto recyclers.

Iron Ax manufactures the Iron Pack Baler. John Kitchens, vice president, said, "We offer this baler in 16 or 20-foot baling chamber options. Either size can be purchased with or without a crane. Our Iron Pack Baler is a high-speed, high-production machine. The average bale time of a full size automobile equipped with the engine, rear end and transmission still attached is one minute. Additionally, all of our balers are remotely controlled, automatic cycle and can produce a variable length bale, adjustable by the operator at the touch of a button."



Iron Ax, Inc.

Iron Ax has been manufacturing scrap handling equipment for approximately 22 years. Kitchens said his firm has a unique perspective when it comes to producing equipment that is used in scrap yards. He said, "We've owned and operated 5 scrap yards for 45 years. All of the equipment we produce is first tested and proven in our yards. We know exactly what recyclers need from a piece of equipment because we do the same thing our customers do!"

Kitchens noted that the economic slowdown and lack of consumer confidence is a challenge but, "We do a large amount of scrap metal exporting and that has picked up. The past few years have been difficult, as business for many companies has run at a slower rate due to the economic uncertainty. The good news is that demand is still

there, and when it returns completely, it will be big."

Pier Sambolino, Vezzani International sales and service manager, said, "As a well-known manufacturer of heavy duty shears and balers, Vezzani



Vezzani SpA

manufactures an extra heavy-duty, portable logger baler, which has high-performance characteristics that run against the mainstream production of loggers available in today's market place. The same philosophy applied to large Vezzani shears and balers has been distilled into our portable logger.

"Many of the components and materials used are the same as those used to build our largest machines. This means our product provides faster production times, greater reliability and longer service life than you would normally expect from a car logger. There is no set size or dimension, as we build to order and can incorporate modifications to suit any particular need. In terms of production, we serve a global market where extreme conditions and inaccessibility dictate that equipment must be trouble-free and star performers. It is in these areas particularly, where we have become the manufacturer of choice. We offer electric or diesel versions as well as many other options. Our logger distinguishes itself by the quality construction evident in the strength, reliability and productivity it offers, which is essential in today's market."

Sambolino revealed that the logger can be stationary-mounted on a flat, concrete slab, or can be ordered with self-loading, lifting legs, or mounted on a trailer. Set up times are minimal and allow faster completion of any opera-

tion compared to the industry standard. Also available from Vezzani is a fully adjustable pusher ram with higher-than-typical compressing forces.

"Our logger is a niche machine, not designed with the mainstream logger in mind. Vezzani was pushed to design and manufacture this logger to satisfy the needs of those in search of reliability and performance, and who look to Vezzani to give them an ace in their sleeve. Every machine has a price tag, but the real cost is the cost per ton to do the job, and that is where our logger demonstrates its true worth. Trouble-free operation and reliability, coupled with low production costs are always a key attribute of any Vezzani product. With a higher than average specification, our product provides our clients with more flexibility to tackle ever more difficult jobs. We're just as proud to see the Vezzani logo on our logger as we are seeing it on our 2000 ton shear," Sambolino said.

Gianluca Manzo is general manager at Colmar USA, and he said the company's balers have sold auto loggers in the scrap metal recycling market for many years. Manzo said, "We have pushed the limits and emerged with an even greater baler – the improved B6200SW. Like all balers in our line, the B6200SW has a strong compacting cycle, but this model has two pushing



Colmar USA, Inc.

cylinders with a maximum force of 130 tons each, and a box over 20 feet long. The product also includes a mechanical scrap loader for loading materials, or it can be fed by an industrial scrap processor. Standard features include the automatic compacting cycle, an air conditioner, and a remote control. An automatic greasing system is optional. The B6200SW can be trailer-mounted and offers an average production rate of 11 to 16 tons per hour."

IMABE is a global manufacturer and seller of logger balers. "Our prod-

ucts offer outstanding advantages that earn the balers the reputation as the finest in the industry," said Eli Cohen, president of United States sales and service.

He went on to say, "Our customers can customize the box size as well as pressure, depending on the material they are baling. Whether logging cars or

See **AUTO LOGGERS**, Page 5

### Manufacturer List

**Al-jon Manufacturing**  
**Curt Spry**  
888-255-6620  
www.aljon.com

**Colmar USA, Inc.**  
**Gianluca Manzo**  
716-693-9877  
www.colmarequipment.com

**Harris**  
**Bob Pfeffer**  
800-373-9131  
www.harrisequip.com

**IMABE**  
**Eli Cohen**  
877-884-6223  
www.imabeusa.com

**Iron Ax, Inc.**  
**John Kitchens**  
877-247-6629  
www.ironax.com

**OverBuilt, Inc.**  
**Jeff Hebert**  
800-548-6469  
www.overbuilt.com

**The RM Johnson Co.**  
**David VanVleet**  
800-328-3613  
www.ezcrusher.com

**Sierra International**  
**John Actis**  
800-343-8503  
www.sierraintl.com

**Vezzani SpA**  
**Pierluigi Sambolino**  
011 39 0143 81844  
www.vezzani.biz

## Log full size automobiles and white goods.

**High pressure, high volume hydraulics and digital electronic controls put this machine on the leading edge of technology.**



**IRON Ax**  
877-247-6629  
www.IronAx.com



# Recycled clothing finds a new home inside Ford Focus

Old clothes turn up in plenty of places – the hamper, the bottom of a closet or behind the washing machine. They're also found in the next-generation Ford Focus, albeit in different and more useful forms.

The 2012 Focus, on sale early next year in North America and Europe, uses these cottons from recycled clothing in areas such as carpet backing and sound-absorption materials for interior quietness. Using environmentally friendly materials, including recycled clothing, is one part of Ford's overall green strategy.

According to Carrie Majeske, product sustainability manager, "One of our key goals is to use more recycled or renewable materials without compromising performance or durability."

Over the past several years, Ford has concentrated on increasing the use of non-metal recycled and bio-based materials, including soy foam seat cushions, recycled resins for underbody systems, recycled yarns on seat covers and natural-fiber plastic for interior components.

Ford vehicles continue to become more eco-friendly through the creative use of renewable and recycled materials. For instance, one of the clothing

materials used in the 2012 Focus is post-consumer cotton that comes from recycled blue jeans.

"The good news is these jeans didn't end up in a landfill, nor did we use the water, fertilizer and land to grow virgin cotton," Majeske said. "It's an alternative that our customers can appreciate, it's cost effective, and it's better for our planet. These are the kinds of sustainable solutions we are looking for in all our vehicles."

The amount of post-consumer cotton from blue jeans used in a vehicle comes out to roughly two pairs of average-sized American jeans, based on pounds of cotton used per yard of denim and the yards of denim used to make a pair of jeans.

"Great fuel economy is our first priority for reducing the vehicle's impact on the environment," said Majeske. "As we deliver that, we also seek to use materials inside a vehicle that reduce the environmental impact as well. The use of recycled clothing is one step, but what else are people discarding that could be used in our vehicles? Ford is determined to find out."

The new Focus is the result of a global product development program bringing together Ford's best



Ford showcases the Focus' recycled content with informative placards. Roughly two pairs of average sized jeans are used per vehicle.

engineers and designers from around the world. The Focus will be manufactured in Ford plants in Asia, Europe and North America.

## Auto loggers

■Continued from Page 4

baling #2 bundles, our product will bale to a customer's specific needs, thanks to the capabilities of our product's excellent hydraulic system. IMABE balers have an optional remote control and all logger balers include a crane and grapple. An environmentally-sound fluid collection tank is standard on every logger and we use only variable-flow pumps in our products. With this type of pump, only the energy needed for the specific work involved is used, rather than the



IMABE

machine continuously running at full force, to log or bale material. This char-

acteristic extends the life of the whole unit, and reduces the fuel consumption and emissions released during operation. Our auto loggers process ferrous metal and nonferrous materials such as aluminum and stainless steel."

Cohen said their customers can be up and running in less than 15 minutes because the logger and the trailer it sits on are a single unit. "This unique feature provides greater baler stability for more aggressive operations and extends the life of the machine. Our machines also offer a superior life span because of

their steel construction. IMABE products are known to be 15 to 20 percent heavier than similar products on the market, but we are still in accordance with weight regulations.

"We strive to make a top-quality product, based on more than 40 years of experience. We make every component of the logger ourselves, including manufacturing the cylinders, hydraulic blocks and our unique computer system. All parts are manufactured at our factory, providing complete confidence that the product is developed and manufactured by IMABE," Cohen said.





**We've put together  
high performance,  
reliability and mobility  
without compromises.**

**Vezzani** SpA

**We cut scrap, not corners.**

See the NEW Vezzani mobile press shear  
at [WWW.VEZZANI.BIZ/MOBILE](http://WWW.VEZZANI.BIZ/MOBILE)

Vezzani SpA - Piazza Nervi, 1 - 15076 Ovada (AL) Italy Tel: +39 0143 81844 [info@vezzani.biz](mailto:info@vezzani.biz)



# LKQ Corporation makes key acquisitions

LKQ Corporation has completed a number of key transactions since the start of the fourth quarter of 2010. The acquired businesses facilitate the geographic expansion of LKQ's operations across Canada, provide an entry into the engine remanufacturing industry, expand its wholesale collision product lines and add new wholesale recycling and self-service retail locations. On a combined basis, the acquired businesses announced have

annual revenue of approximately \$100 million.

The acquisitions include:

- Cross Canada – an aftermarket parts distributor to the collision industry with operations in five Canadian provinces: Alberta, British Columbia, Manitoba, Ontario and Saskatchewan;
- PROformance Power Train – an engine remanufacturer with production facilities in Springfield, Missouri;
- SPI Distribution – an aftermarket heating and cooling system parts distributor that specializes in radiators, air coolers and other related parts;
- Best Bumper – a large bumper remanufacturing facility in the Dallas, Texas area;
- Wholesale automotive recycling business serving the Norfolk and Virginia Beach, Virginia markets; and
- Self-service retail recycling operation in Denver, Colorado.

Joseph Holsten, president and chief executive officer of LKQ Corporation, stated, "Combining the Canadian acquisitions with our existing operations in Canada provides LKQ with a geographic presence in each province from British Columbia to Quebec and forms the foundation for further expansion in Canada. The acquisition of PROformance integrates with our engine product line, harnessing one of our competitive strengths – access to automotive drive-train equipment eligible to be rebuilt. The other transactions expand LKQ's presence in related product lines including coolant and heating supplies, increase our bumper reconditioning capacity, and provide distribution points in new and existing markets."

# U.S. Steel and Kobe Steel make capital investment

United States Steel Corporation and Kobe Steel, Ltd. revealed that they have reached an agreement for their joint venture, PRO-TEC Coating Company in Leipsic, Ohio, to begin construction on a continuous annealing line at the facility. The project is expected to increase the joint venture's ability to serve its automotive customers. The capital investment for this project is approximately \$400 million and is expected to create 500 temporary construction jobs as well as 80 full-time jobs once operating. PRO-TEC has obtained financing commitments for the project subject to final documentation and other closing conditions. Completion of the project would take an estimated 24 months.

U.S. Steel and Kobe Steel, through their joint venture in PRO-TEC, have been supplying the automotive industry with hot-dipped galvanized high-strength steel since 1993. With the addition of the continuous annealing line, PRO-TEC will now produce cold-rolled advanced high-strength steels and ultra high-strength steels for certain automotive structural parts. This material further assists automotive manufacturers to enhance the strength and safety of their vehicles while reducing the vehicle's weight, improving its fuel efficiency and emission requirements. The new continuous annealing line will have an annual production capacity of 500,000 tons. The line will process steel purchased from U.S. Steel and will be equipped to utilize both advanced water quench technology and a rapid gas jet cooling system to meet customer requirements.

## A Closer Look

by Donna Currie

### Foss Auto Recycling Jimmie Foss • 866-534-5865

Thirty years ago, Jimmie Foss made a pragmatic decision that launched his career in the recycling business. He had worked on a farm, which was a seven-day-a-week effort. Auto recycling was six days a week and "I got holidays off," Foss said. Even better, "Snow days on a farm, you have to work harder. You can close the car business."

Back then, Foss was dealing in used auto parts, and it wasn't long before he added four more locations. The auto parts businesses spawned a need for car crushers, and those came online about 20 years ago. Finally, Foss moved into the scrap business in 2005, and now has five scrap yards in North Carolina in addition to three small you-pull-it auto parts yards.

Foss sold two of his wholesale parts yards to focus more on scrap. "There's a lot more opportunity in the scrap business than in used auto parts," he explained. Although he handles auto scrap, that's no longer his primary concern. His scrap yards accept ferrous and nonferrous scrap from peddlers, which accounts for about 65 percent of his material.

"People are happy," Foss said. "They're tickled to death that you're paying them money." In the auto parts business, customers had to pay for parts they needed to make repairs, so while they were glad to have them, they weren't as happy as current customers who walk out the door with a payment for something that's essentially useless to them.

Industrial scrap accounts for the other 35 percent of the scrap. Besides placing roll-off containers for industrial accounts, he is starting to look into the demolition business as a new opportunity.

Foss runs the business with his brother, Stephan, who focuses on nonferrous scrap and the accounting end of the business. Foss focuses more on ferrous scrap and the equipment. The company has one outside industrial account rep, and both brothers work with him.

Foss said that his favorite part of the job is "buying and selling of material. You're dealing with a lot of different people." When it comes to the sales of the material, Foss enjoys that interaction, particularly that "it's all done by word of mouth." He said that while there are formal contracts, the deals are made person-to-person and the written contracts are just a formality. "It's an honor-based system – that's what I like about this industry."

While Foss's business with his customers is honor-based, state and local regulations aren't as trusting when it comes to buying material. Foss said that about two years ago, he was required to "fingerprint" certain items that come into his yard, like cars and copper. This entails photos of the material, photos of the person selling it, and signed documentation.

Regular customers have become used to this procedure. Foss said, "Most don't have any problem. A few leave." The documentation is saved on the company's computers and is available for law enforcement purposes. It doesn't happen often, but "if there is an issue, we burn a CD and give it to the police."

On the sales end, Foss ships out about 350 truckloads a month, with about 8-10 truckloads a week destined for China and the rest of it sold domestically to refiners and steel mills.

Over the past five years, Foss has seen scrap prices skyrocket. "Prices have double to tripled," he said. But at the same time, the cost of doing business is higher as well, particularly fuel prices. "We have to work harder to make the same amount of money," he said.

As far as the future – that's already here. A new facility is in the works, with more state-of-the-art technology for scrap processing, and, of course, "new offices," Foss said.

While his original goal in moving from farm work to the auto salvage business was to work six days a week, he's now looking at a future where he might work 3-4 days a week. "In two more years, my son should be here," Foss explained. His son, Jimmie III, is in college. "He's trying to learn – to grow the business," so foreign business is part of his curriculum.

Jimmie III isn't going to show up as the privileged boss's son, though. Foss said that he "started at the bottom" and worked as a laborer in the yard to get to know it from the ground up. Meanwhile, Stephan's son is a little younger, but Foss expects that he will also join the company when he's ready. And then, maybe Foss will have a few more days off.

## SAE department supports MI's MAGMA

SAE International's Professional Development department actively supports the Michigan Academy for Green Mobility Alliance (MAGMA) through participation

on the governing board, the advisory group, the curriculum expansion committee and the evaluation committee.

MAGMA was created in response to the rapid growth in the renewable energy sector. It was done so by the Michigan Department of Energy, Labor & Economic Growth, in collaboration with automotive manufacturing employers, educational institutions and Michigan Works! and in conjunction with the Governor's No Worker Left Behind Green Jobs Initiative.

Kevin Perry, manager of professional development for SAE International, sits on MAGMA's governing board. He said the support of MAGMA is a natural choice for SAE International. "MAGMA's mission to provide rapid skill growth in green technology solutions for advanced mobility to meet industry needs fits in perfectly with the continuing education goals we have at SAE International. In supporting MAGMA, we see an excellent opportunity to help the automotive industry leverage the appropriate and relevant green technologies."

As part of the support, SAE International will provide marketing communications activities that encourage additional automotive companies to participate with and support MAGMA, as well as raise awareness among the engineer and technician population about available programs.

### AE EQUIPMENT SPOTLIGHT

To be included in the spotlight, you must manufacture the equipment featured. We require a company name, contact person, telephone number and, if applicable, a website address.

To be listed in the appropriate spotlight, please call 877-777-0737.

#### UPCOMING TOPICS

2/11	Rubber Grinders
3/11	Concrete Crushers
4/11	Container Loading Systems
5/11	Refuse Bodies
6/11	Solar Energy Systems

American Recycler is not responsible for non-inclusion of manufacturers and their equipment. Manufacturers are to contact American Recycler to ensure their company is listed in the Equipment Spotlight.



# EPA finishes emergency cleanup at Cadie Auto Salvage

United States. Environmental Protection Agency (EPA) Region 5 completed an emergency cleanup of hazardous materials at Cadie Auto Salvage in Belvidere, Illinois.

The site was previously used as an auto hauling and salvage yard until the business closed in 2007. EPA contractors

removed approximately 250 compressed gas cylinders and 60 drums and other containers.

More than 90 different known or suspected chemicals were transported to facilities that specialize in hazardous waste disposal. Other contaminants included waste oil and about 760 gallons

of flammable liquids. Additionally, contaminated soil was excavated and transported for disposal.

The cylinders were originally owned by Environmental Technical Services Corp. (ETSC). ETSC went out of business in 2003, when it's believed the containers were transported to the site.

Although the drums and containers have been removed, some environmental issues remain, including petroleum contamination. The site is near residential homes and a school. Tests of local wells did not show any contamination of drinking water.

## Feedstock

■Continued from Page 1

make it work. Waste facilities are now separating trash streams as much as possible. The scrap you may get from a waste separation stream or cleanup is not going to be prime scrap, but it certainly has value and the shredder will get out the metals."

Alter is one of the largest scrap metal processors in the country with offices and processing plants across the central United States. "Feedstock is always a challenge, but our company has an extensive network of yards, so this facility is not dependant solely on the inbound customer base at this location," he added.

While many companies are keeping their shredders busy, others are starving for raw material.

Metso Recycling-Texas Shredders, along with its European sister company Metso Lindemann, has one of the world's largest bases of installed shredders and metals processing equipment. Scott McGlothlin, vice president of operations for Metso Recycling-Texas Shredders is in close contact with the North America shredder industry. "Many larger shredders are hungry for supply. There are not a whole lot of locations where a 300 ton shredder is justified because they cannot get enough material to feed them."

There are, of course, always exceptions, but it generally appears that the North American market is saturated with shredder capacity. "The supply of feedstock is not really there to handle the number of shredders in North America. Many of the emerging markets around the world are adding new shredding plants, but in the United States, it is more replacing, consolidating and upgrading than new greenfield plants," said McGlothlin.

Industry experts say there are approximately 300 shredders in North America doing over 3 to 4,000 tons per month. More than 200 tons per hour is considered in the mega-shredder range.

"We are not going to see another shredder boom like we saw four or five years ago. Over the past 15 years or so, we've gone from about 200 to about 300 shredders in the States," said McGlothlin. He noted a number of recent trends:

- Tightness of supply is driving shredders to maximize the profits on the material they buy which has led to the rise of large investments in sophisticated systems to recover more nonferrous metals and copper wire. There are also many research and test projects exploring the value of the remaining waste.

- Shredders are using extra profits from increased recovery of nonferrous metals and other materials that they had



The past 15 years have seen approximately 100 new shredders installed domestically.

been throwing away to buy more raw scrap.

Shredders are buying more feeder yards to better ensure supplies of raw materials.

Feeder yards are looking to buy smaller shredders that process 2,000 to 3,000 tons per month. (McGlothlin mentioned an increased interest in 2,000 hp shredders that average 40 to 50 tons an hour).

Shredder operators are going farther away to acquire supply and dealing with more baled material to reduce transportation costs from distant feeder yards. And while transportation costs are eating into profits, a steady diet of cost-saving bales will lower throughput and eventually take a toll on various drive components.

"For most shredders, there's a certain volume they can get fairly easily at a reasonable price, but once they get past that volume they have to start going farther away to markets with more buyers and higher prices," McGlothlin concluded.

Adam Weitsman, president of Upstate Shredding-Ben Weitsman & Son, sees the future of shredding this way: "There will be fewer shredders, but bigger facilities of the ones that are left standing." In Owego, New York, Upstate currently operates a 6,000 hp, 200 ton per hour shredder that is being upgraded to a 10,000 hp machine that will handle 400 tons per hour. In November, the installation began on the new Riverside Engineering model M-122 auto shredder. To maximize current recovery and prepare for increased volume, Upstate has already invested heavily in its post-shredding line with the latest nonferrous recovery equipment.

When asked what he is doing to ensure supply for the added capacity, Weitsman answered, "We're buying

feeder yards and increasing the size of our trucking fleet."

Upstate already had a good feeder yard system in place with another location in Owego and facilities in Binghamton and Ithaca, but a year ago it started a series of acquisitions starting with the Matlow Company, that was renamed Ben Weitsman of Syracuse as

an additional feeder yard. In November, that location held a gala customer and community appreciation day that featured a barbeque, entertainment and prizes. It drew over 1,200 visitors to the yard. Many brought scrap for a one day bonus pricing promotion.

In July, Upstate bought the Weinstein Scrap Metal Corporation in Jamestown, New York. In August, it acquired Liberty Scrap Metal in Liberty, New York, and in October purchased Towanda Iron & Steel in northeastern Pennsylvania.

Weitsman told us that he is continuing to look for acquisition opportunities as part of the company's growth strategy. He is looking to provide 4,000 tons per day for the shredder and says that he is not finding it difficult to acquire supply to feed his shredder or to fulfill customer orders. "There has not been a shortage of vehicles, either," he said. For 2011, Upstate expects to process 800,000 tons.

While some operations are thriving for now, it remains to be seen just how long the saturated domestic shredder market can continue to operate before the combination of growing competition and shrinking supplies leaves their voracious machines starving for work.

## WHO SEES YOU?



Everyone would, if you advertised in American Recycler.

FREE  
AD  
DESIGN

877-777-0737  
www.AmericanRecycler.com

OVER  
34,000  
READERS



**DADE Capital Corp.**  
**800-823-9688**  
 Perrysburg, OH



Visit [DADECapital.com](http://DADECapital.com) for a complete list of current equipment and more photos.



**2004 MOROS HS 500-TON PORTABLE SHEAR**  
 Throat is 30 x 24. The height is 13'9" and box length is 97". Runs well. \$295,000



**2006 SIERRA 700SL SHEAR/LOGGER/BALER**  
 Portable in excellent condition with ONLY 2,500 hours. Immediately available. \$550,000



**1995 FUCHS MHL 350**  
 With 49'6" reach and hydraulic cab. Engine and pump were rebuilt in 2007. 20KW generator, solid tires and 5-tine rotating Fuchs grapple. \$122,000



**JEFFERY 62 X 90 HAMMERMILL SHREDDER**  
**REBUILT.** 800 h.p. electric motor (accepts up to a 2,000 h.p. motor) and has an extra base, reversible hammers and an oscillator table. It also has a pin puller, slope feed table, drive sheaves, tilt cylinders, extra bearings and eddy system. \$450,000



**2006 FUCHS MHL350**  
 In good operating condition. 20Kw gen-set, central lube system, 4,952 hours. \$197,000

## 80 x 104 TEXAS SHREDDER COMPLETE SYSTEM



### 2004 Metso Texas 80104 Auto Shredder Completely Rebuilt and IMMEDIATELY AVAILABLE to install.

This is a fairly complete system EXCEPT for the shredder house and controls and a transformer for the 4000HP motor.

#### What you get with this purchase:

**Shredder Main Components:**  
 Completely **REBUILT** Metso Texas 80104 Auto Shredder Mill with all new liner plates and grates.  
 Base **RELINED**.  
 Mid section with **NEW** Front Wall Weldment from Riverside Engineering and **RELINED**.  
 Top section **RELINED** with eject door.  
 Hood **RELINED**.  
 Undermill Vibration Springs.  
 Disk Rotor and bearings about 80% good and a good **SPARE ROTOR SHAFT AND BEARINGS**.  
 Dual Hydraulic Feed Rollers with a Hagglund Drive and a **SPARE LOWER FEED ROLLER**.  
 Complete Hydraulic System for Mill.  
 Mill Bearings lube unit.  
**NEW US Shredder Cat Track Infeed conveyor.**  
**REBUILT BEST, Inc Undermill Oscillator 76" x 16.2'.**  
**First Transfer Conveyor REBUILT.**  
 Dual Magnet Stand with Stearns 48" x 72" magnets, Vibrator and 2 **SPARE USED MAGNETS**.  
 Two additional used conveyors for trash & ASR.  
**REBUILT Trommel with NEW screen.**  
 One **NEW US Shredder** four man picking conveyor 48" x 30' with 4 drop bins, walkways and 2 set of stairs.  
 One **NEW US Shredder Ferrous Radial Stacking Conveyor 48" x 70'.**

**You also get non-ferrous equipment, motors and controls, and spare wear parts — there are too many details to list here!**

To see more photos of this system, visit  
[www.dadecapital.com/shredder](http://www.dadecapital.com/shredder)

**PLEASE, SERIOUS CALLS FROM SERIOUS BUYERS ONLY**



**2000 LIEBHERR A932 HD**  
 20 KW gen-set, Young grapple. New Rotec bearing. \$120,000



**2008 LABOUNTY SHEAR**  
 UP30SV shear and crushing jaws. Excellent condition, very little use. \$95,000



**AL-JON 400 METAL BALER**  
 Great condition and very sharp, runs well. \$95,000



**1997 SIERRA 700-TON S/L/B**  
 17,000 hours, electric power. Runs well. \$440,000



**2005 FUCHS MHL350 MATERIAL HANDLER**  
 49' Reach, A/C, solid tires 85%. 20 KW generator, .8 Cu-Yd 5-tine rotating grapple. \$195,000



**1996 SIERRA 4200 PORTABLE METAL BALER**  
 Nice condition, ready to go. \$105,000