



Safe aerosol can recycling promoted

A new program has begun recruiting collaborators to make aerosol can recycling as commonplace as the recycling of aluminum cans, bottles and newspapers. The new initiative, called Aerosolv Nation, aims to address the estimated 3.5 billion aerosol cans sold each year in the United States alone, most of which end up in hazardous waste landfills or trash dumps rather than being properly recycled.

Representatives from more than 50 colleges and universities across North America and several other countries signed the initiative at the Association for the Advancement of Sustainability in Higher Education conference. Dubbed 'Aerosolv Ambassadors,' they will launch the program in their communities in the coming weeks.

Aerosolv is the only aerosol can recycling technology to be awarded the EPA's Environmental Technology Verification. It is safe, affordable, efficient technology to prepare aerosol cans for proper recycling.

More than 47,000 Aerosolv systems are in use already worldwide, by universities and municipalities, businesses, government agencies, and large-scale manufacturers, recycling an estimated 60 million aerosol cans.

Ship recycling industry booms

PHOTO COURTESY OF ESCO MARINE, INC.



Ship-breakers at Esco Marine, Inc. in Brownsville, Texas have evolved into ship recyclers as new scrapping methods leave no material from retired ships wasted.

by MIKE BRESLIN

mbreslin@americanrecycler.com

They used to be called "ship-breakers," but that term is now outdated. United States ship recyclers today are consummately green and must comply with a slew of strict regulations, including those from the United States Environmental Protection Agency (EPA).

Despite regulations, the business of ship recycling is

booming these days. "Listen, when you have steel prices in the \$300 a ton range and a large supply of scrap, I would say it was good," said Richard Jaross, CEO of ESCO Marine. ESCO operates a 100 acre full service marine yard and recycling operation in Brownsville, Texas. "Compared to the nightmare we came out of at the end of 2009, scrap is doing well. It's flowing, people are buying

goods, manufacturing seems to be up, the economic dots are connecting and I'm very optimistic."

Besides recovering large quantities of ferrous and non-ferrous metals, American ship recyclers also salvage and market a wide variety of used marine parts. These include engines, generators and other serviceable gear. For example, ESCO is recycling an ex-Navy repair ship and selling off

large amounts of machine tools, pumps and exotic valve assemblies.

The United States leads the world in environmentally responsible recycling of vessels, but seem to be the global exception. Approximately 90 percent of world ship dismantling takes place in Bangladesh, India and Pakistan under primitive, dangerous and unhealthy working

See SHIP RECYCLING, Page 6

Fuel efficiency standards for trucks proposed by EPA

The United States Environmental Protection Agency (EPA) and the Department of Transportation (DOT) announced the first national standards to reduce greenhouse gas (GHG) emissions and improve fuel efficiency of heavy-duty trucks and buses.

The EPA along with the Department of Transportation have introduced first of their kind regulations that call for a 20 percent reduction in heavy vehicle emissions by 2018, which would require

boosting fuel efficiency to an average of 8 miles per gallon, compared with an estimated 6 mpg now. This comprehensive national program is projected to reduce GHG emissions by about 250 million metric tons and save 500 million barrels of oil over the lives of the vehicles produced within the program's first five years.

EPA and DOT's National Highway Traffic Safety Administration (NHTSA)

See FUEL EFFICIENCY, Page 4

Ferrous metal in a recovering economy



■ Focus Section Cover, Page B1

WHAT'S INSIDE

Scrap Metals MarketWatch.....	15
Salvaging Millions.....	16
Events Calendar.....	17
Business Briefs.....	18
New Product Showcase	19
AR Classifieds.....	20
Focus Section.....	B1
Equipment Spotlight.....	B4
A Closer Look.....	B6

- Bail set for recycling center owner accused in \$7 million can conspiracy. Page A3
- Miami-Dade's methane sequestration project will increase electricity. Page A7
- Green roads: rubberized asphalt paves the way to a greener future in California. Page A14

- Republic Services to pay nearly \$3 million for age discrimination. Page A16
- Steel Tube Institute offers structural steel tubing certification program Page B2
- Lihua breaks ground on second copper recycling facility. Page B3

PSRST STD
U.S. Postage
PAID
Columbus, MO
Permit No. 353

12.2010

CHANGE SERVICE REQUESTED

American Recycler

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

The Enviro-Rack

Auto Fluid Removal & Dismantling Station

The Enviro Rack is the **FIRST AND ONLY** self-contained fluid removal system on the market.

We offer all steel tanks along with a grated catwalk for operator safety. Underneath the catwalk is a 249 gallon catch pan and also a 360 gallon tank to catch any spills. No other system on the market comes close to the Enviro Rack. Meet EPA and State level regulations concerning fluid removal. The Enviro Rack is totally air operated. There are no gasoline or electric motors that could create a spark. The Enviro Rack is a safe system. Complete fluid removal in less than 5 minutes.



SPECIAL PRICING CALL NOW!

Enviro Rack Features:

Funnels are equipped with drills through the center to insure there are no spills.

Antifreeze drain vat is piped into the holding tank

Antifreeze and motor oil storage tanks have a 180 gallon capacity

All tanks have gauge and gauge guard

Each unit is equipped with two fire extinguishers

Grated catwalk for floor safety

Adjustable car rack allows for any size vehicle and can be setup tilted to the left or right for liquids to drain to one side of the tank

Air drills are used for speed and safety

249 gallon catch pan

360 gallon lower tank beneath catch pan

4 foldout catwalks for tire removal

50ft. retractable hose reel for air wrench

The upper rack serves as an air manifold

Fluid can be pumped out of tanks using air pressure and tanks also have lifting eyes for easy handling

Options:

Hook and rails suitable for rolloff container system

Catalytic Converter Cutter powered by air

Vacuum system to remove fluids from master cylinder and power steering pumps

Extra funnel with air drill increasing operating speed for two man operation.

We also sell Oil Dri by the pallet or half pallet and oil absorbent cloth sold by the pound.

Dimensions:

Height 7' 4"

Width 6' 6"

Length 16' 0"

Weight 7,000 lbs.

Toll-free 877-247-6629
Fax 478-252-9030
Wadley, Georgia

IRONAX

Iron Ax, Inc.
www.IronAx.com
ironax@ironax.com

Nine sites added to superfund's national priority list

The United States Environmental Protection Agency (EPA) is proposing to add nine hazardous waste sites that pose risks to human health and the environment to the general Superfund section of the National Priorities List (NPL).

EPA is also withdrawing its 1992 proposal to add the GBF Inc., dump site in Antioch, California to the NPL, because under a consent order the California Department of Toxic Substances Control continues to be the lead agency overseeing the site. The clean up is progressing successfully and no further EPA actions are necessary.

To date, 1,627 sites have been listed on the NPL. There have been 346 sites deleted from the NPL with 1,281 sites remaining. With the proposal of 9 new sites and 1 site being withdrawn from proposal, there are 62 proposed sites awaiting final agency action: 57 in the general superfund section and 5 in the federal facilities section. There are a total of 1,343 final and proposed sites.

With all Superfund sites, EPA tries to identify and locate the parties potentially responsible for the contamination. For sites without viable potentially responsible parties, EPA will investigate the full extent of the contamination before starting significant clean up. Therefore, it may be several years before significant clean up funding is required for these sites.

The following nine sites have been proposed to the NPL:

- Armstrong World Industries in Macon, Georgia.
- Dwyer Property Ground Water Plume in Elkton, Maryland.
- Washington County Lead District – Furnace Creek in Caledonia, Missouri.
- Horton Iron and Metal in Wilmington, North Carolina.
- Mansfield Trail Dump in Byram Township, New Jersey.
- Milford Contaminated Aquifer in Milford, Ohio.
- Cabo Rojo Ground Water Contamination in Cabo Rojo, Puerto Rico.
- Hormigas Ground Water Plume in Caguas, Puerto Rico.
- West County Road 112 Ground Water in Midland, Texas.

ACC's plastics division sees growth in membership

The American Chemistry Council said that three major plastics producers have joined ACC's Plastics Division. Bob Patel (senior vice president, Olefins & Polyolefins), Mark Nikolich (vice president – commercial), and Paul Moyer (vice president and general manager) have all been appointed to serve on the division's operating committee.

The new members are:

- Braskem America, Inc. of Philadelphia, Pennsylvania
- LyondellBasell of Houston, Texas
- Styron LLC of Berwyn, Pennsylvania.

Bail set for recycling center owner accused in \$7 million can conspiracy

Bail of \$300,000 was set for a Riverside County recycling center owner arrested along with two employees in October by special agents with the Attorney General's office for bilking California's beverage container recycling program out of \$7 million. Bail was set at \$30,000 each for the two employees.

"These people pretended to be recycling California aluminum cans when they were really importing tons of cans from Arizona, which are not eligible for California's recycling refunds," Attorney General Edmund G. Brown Jr. said.

Howard Leveson, owner of Perris Valley Recycling in Perris, Riverside County; Jose Barragan, the center's general manager, and Susie Ambriz-Molina, an office worker, were arrested October 12. Leveson was also charged with illegal possession of an assault weapon.

They face a total of 18 felony counts on charges including recycling fraud, grand theft and conspiracy. If convicted of all charges, they could each spend seven years in prison.

Agents with the Attorney General's office, working with the Department of Resources Recycling and Recovery (CalRecycle), conducted the investigation with the help of the Riverside County Sheriff's Department. The Attorney General's office is prosecuting the case. CalRecycle oversees the state's beverage container recycling program.

A search of Leveson's home and business recovered \$50,973 in cash and an Uzi assault rifle. In addition, Leveson's assets and those of his business were frozen, including \$4.2 million in bank accounts.

From February 2009 until July 2010, Perris Valley Recycling collected as much as 10,000 pounds per day in aluminum cans, far more than comparable facilities, which average about 500 pounds per day. The unusually high volume indicated the possibility that out-of-state containers were being brought to the facility.

In Arizona, aluminum is sold only for its scrap value. California, however, has the added incentive of the California Refund Value (CRV) deposit, which pays \$1.57 for a pound of used aluminum cans.

Investigators estimate Perris Valley Recycling took in 4.4 million pounds of cans trucked from Arizona, then illegally claimed as much as \$7 million in reimbursement from the California Beverage Container Recycling Fund.

As a deterrent to such fraud, recycling centers are required to report to CalRecycle purchases of more than 250 pounds of aluminum CRV material. According to investigators, Perris Valley Recycling hid the size of incoming loads by creating multiple weight tickets for trucks coming in with loads larger than 250 pounds, making it appear they were many individuals with smaller loads.

Keep America Beautiful receives \$500,000 from Anheuser-Busch

Anheuser-Busch joined Keep America Beautiful and communities across the country in recognizing America Recycles Day. To mark the occasion, Anheuser-Busch gave a \$500,000 gift from the Anheuser-Busch Foundation to Keep America Beautiful to support their national recycling programs. The gift will assist the organization in their ongoing efforts to educate the public on the importance of recycling and litter prevention. In addition, the donation will

fund a grant program to assist event recycling by providing approximately 3,000 recycling bins to local communities across the country.

Keep America Beautiful and its affiliates educate individuals about environmental stewardship and community improvement issues, as well as involve them in thousands of volunteer-based action programs nationwide. Keep America Beautiful will execute the recycling bin program.

E-Recycling?

- We purchase & recycle all types of e-scrap, nationwide.

- We offer competitive pricing & superior customer service.

- We are environmentally responsible & will soon be R2 certified—see our website for details.

Call today!
(877) 781-4030

dynamicrecycling.com

Dynamic
Recycling

**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**

★ McIntyre Alligator Shear, 12", ★
Reconditioned.
S.A.S. Engine Puller - Nearly New! Low hours, call.

We need logger balers for rebuild! Call with details.

Car Crushers - GREAT BUYS:

Al-jon 20 w/NEW REMOTE. Good Cond., Call!
MAC PORTABLE. Late 80s, runs, as/is 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

Hard time special:
\$5,000 with FREE freight,
limited time, lower 48!

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

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

BALER-CLIPS/STAINLESS STEEL:
Completely reconditioned with warranty!

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

Equipment **MANUALS** Available - CALL

Slag clean up at Kokomo site completed

The United States Environmental Protection Agency (EPA) Region 5 indicated that the clean up of the former slag processing area of the Continental Steel Superfund site in Kokomo, Indiana, has been completed two years ahead of schedule thanks to funding from the American Recovery and Reinvestment Act. The effort at the Continental Steel site is managed in consultation with Indiana Department of Environmental Management.

In April 2009, EPA received \$5.9 million in funding via the Recovery Act to clean up two portions of the 183 acre Superfund site – the former slag processing area and contaminated ground water. The money was part of \$600 million appropriated by Congress to address 51 different Superfund sites, and it accelerated hazardous waste clean up already under way at this site by more than 2 years. A total of 15 Indiana contractors or subcontractors were involved in the ARRA-funded work, creating at least 45 temporary jobs.

The slag processing clean up started in September 2009 and entailed moving approximately 86,000 tons of slag for use as fill at the acid lagoon area and grading, capping and seeding the area.

The result is land suitable for potential redevelopment. Recovery Act funds also are being used to treat ground water contamination sources, monitor and remove contaminated ground water and send it off-site for treatment and disposal.

Prior to the new Recovery Act funding, EPA spent more than \$66 million on clean up activities at the site. IDEM has spent about \$6 million. Previous clean up work included tear-down of the main plant buildings and excavation and disposal of heavily contaminated soil and waste piles in that area.

Continental Steel operated on the site from 1914 to 1986 when it filed for bankruptcy. The site was added to EPA's Superfund National Priorities List in 1989.

Global crackdown on illegal waste shipping promotes cross-border cooperation

A simultaneous environmental inspection initiative at seaports in June and July 2010 involving authorities from Africa, the Americas, Asia, and Europe resulted in the detection of illegal hazardous and electronic waste and confirmed the benefits of informal international cooperation to respond to illegal transboundary movement of hazardous wastes through seaports.

Initial results indicate that, of the 72 total targeted inspections conducted during the inspection month, 54 percent were infringements.

The illegal waste streams most often encountered during the event were: e-waste wrongly declared as second hand goods, waste batteries wrongly described as plastic or mixed metal scrap, and cathode ray tubes from television and computer monitors wrongly classified as metal scrap. In 19 of the reported cases of infraction, the illegal shipments of waste were returned to the country of origin. In nine further cases, the detected waste was treated in the country of detection.

More than one dozen countries participated in the International Hazardous Waste Inspections Exercise at Seaports, an initiative coordinated by the International Network for Environmental Compliance and Enforcement's (INECE)

Seaport Environmental Security Network (SESNN). Involved authorities, which included customs, environment, police and port officials, conducted inspections at seaports across the globe.

Project participants employed a variety of inspections techniques, including intelligence-led enforcement, at-random inspections and bilateral information-sharing. Close communication between officials in importing and exporting countries and coordination of agencies at the national level proved to be critically important in detecting and stopping illegal shipments.

"The sheer volume of containers moving through seaports makes it difficult to catch the bad guys," said Durwood Zaelke, director of the INECE Secretariat. "It is essential to develop state-of-the-art programs for container inspection and enforcement."

The Inspection Exercise was supported by the Secretariat of the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal.

The SESNN participants will continue to collaborate in the future to detect and deter illegal shipments of hazardous waste through seaports.

Fuel efficiency

■ Continued from Page 1

are proposing new standards for three categories of heavy trucks: combination tractors, heavy-duty pickups and vans, and vocational vehicles. The categories were established to address specific challenges for manufacturers in each area. For combination tractors, the agencies are proposing engine and vehicle standards that begin in the 2014 model year and achieve up to a 20 percent reduction in carbon dioxide (CO₂) emissions and fuel consumption by 2018 model year.

For heavy-duty pickup trucks and vans, the agencies are proposing separate gasoline and diesel truck standards, which phase in starting in the 2014 model year and achieve up to a 10 percent reduction for gasoline vehicles and 15 percent reduction for diesel vehicles by 2018 model year (12 and 17 percent respectively if accounting for air conditioning leakage). Lastly, for vocational vehicles, the agencies are proposing engine and vehicle standards starting in the 2014 model year which would achieve up to a 10 percent reduction in fuel consumption and CO₂ emissions by 2018 model year.

Overall, NHTSA and EPA estimate that the heavy-duty national program would provide \$41 billion in net benefits over the lifetime of model year 2014 to 2018 vehicles. With the potential for significant fuel efficiency gains, ranging from 7 to 20 percent, drivers and operators could expect to net significant savings over the long-term. For example, it is estimated an operator of a semi truck could pay for the technology upgrades in under a year, and save as much as \$74,000 over the truck's useful life. Vehicles with lower annual miles would typically experience longer payback periods, up to four or five years, but would still reap cost-savings.

EPA and NHTSA are providing a 60-day comment period that begins when the proposal is published in the Federal Register.

For a direct link to the proposal and information about how to submit comments, view this article on www.AmericanRecycler.com.

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. 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**



Windshields now recycled

JN Phillips Auto Glass unveiled a program to address the massive amount of windshields that end up in landfills each year. Called "GreenShield", the program is JN Phillips' commitment to responsibly recycle 100 percent of the windshields the company replaces. GreenShield is the first large-scale effort by any retailer/installer to recycle and reduce the impact of consumer windshields at the end of their useful lives.

In the United States, approximately 15 million windshields – the equivalent of about 600 million pounds of material – are replaced each year. Until now, most have ended up in landfills due to technical difficulties related to separating the glass and plastic that make up today's windshields, logistics barriers and a lack of facilities capable of recycling the material. GreenShield is the result of two years of research and development by JN Phillips to determine the optimal solution to efficient windshield recycling.

Insurance carriers have already expressed interest in the program, with Electric Insurance Company being the first to pledge support by informing policyholders about the GreenShield recycling option.

Upon removal, windshields are collected at JN Phillips locations across New England. The material is sent to a central location and bulk-shipped to JN Phillips' recycling partner for processing. The windshields are then pulverized and sent through a special process to separate the glass from the plastic material, polyvinyl butyral (PVB). Upon final processing, the PVB plastic can be used in various industrial adhesive applications. The processed glass material – often called "glass cullet" – is less costly than raw materials and has numerous applications, including fiber-glass insulation and even concrete.

Based on its average annual replacement volume, JN Phillips anticipates it will save approximately five million pounds of glass and plastic from landfills each year.

Ohio recycles campaign signs

It's an easy vote for "clean and green" as the 2010 political campaign season has come to a close. The Solid Waste Authority of Central Ohio (SWACO), WBNS-10TV, and the Ohio Historical Society offered free recycling of all political campaign yard signs.

SWACO executive director Ron Mills said, "So many times these signs are just tossed in the trash. Many are made of cardboard or plastic, both of which can be recycled easily. This first of a kind collection in Central Ohio answers past questions regarding green alternatives for campaign clean ups."

Before recycling, the campaign signs should be removed from their metal or wooden supports. Those supports can be reused in future campaigns. Signs that are recycled should be the property of an individual or campaign and not taken from another location.

Ohio recycling center opens



Officials celebrated the Poland Township Recycling Center opening with a ribbon cutting ceremony.

Greenstar North America has officially opened its new recycling center in Poland Township, Mahoning County, Ohio.

The new facility will handle all residential commingled recycling generated in Mahoning County at the curbside and most of the materials collected from the community recycling drop-off sites. Thousands of tons of paper, cardboard, metal cans, glass bottles and plastic containers will be received and prepared for use in manufacturing of new products.

Greenstar invested \$2.1 million to develop the recycling center. The invest-

ment was supported by a \$250,000 matching grant by the Ohio Division of Recycling and Litter Prevention through a Market Development Grant administered by the Mahoning County Green Team. The proceeds were used to fund new recycling equipment.

Greenstar entered the Ohio market earlier this year with a long term contract to provide recycling services to the City of Cleveland. The recycling center in Mahoning County is an important next step in enabling comprehensive, economical and sustainable recycling services throughout Ohio.

College campus pilot study chops food waste by 30 percent

Sodexo employees at eight college campuses cut kitchen waste by about one third, simply by tracking and monitoring food waste, according to the preliminary findings from the first eight weeks of a pilot study that is part of the company's commitment to stop wasting food to curb climate change and improve business practices.

Sodexo is partnering with LeanPath, a technology company providing food waste tracking systems, to conduct the review. The pilot study focuses on kitchen – or pre-consumer – waste, not what customers throw out. The pilot study system features a tracking station where Sodexo employees enter data about what they are throwing out and why. By tracking the reason for throwing away items, Sodexo is able to correct the problem to prevent future food waste. Sodexo employees at those eight sites have dramatically reduced overproduction, spoilage, expiration and trimmings by participating in the pilot study.

LeanPath estimates that 4 to 10 percent of the food that is purchased ends up in kitchen waste. Each participating site in the Sodexo pilot also has a Stop Waste Action Team (SWAT) composed of employees. This group reviews the waste tracking data, sets specific goals for improvement, and tests waste prevention ideas. The most effective ideas become permanent.

In September, Sodexo launched "Stop Wasting Food," a program initiated at eight college campuses across the country to analyze and measure kitchen waste in an effort to better manage it.

Americans trash 25 percent of all the food they prepare each year, leading to 31 million tons of wasted food piling up in landfills annually.

Food and organic recycling center opened by WM

Waste Management of Orange County (WMOC) opened its new Food and Organic Recycling Facility, featuring processing technology that is the first of its kind in Southern California.

Located at WMOC's Transfer and Processing Center in Orange, the Food and Organic Recycling facility processes food and organics collected from local businesses, and converts it into a material that can be used as a source of energy. Local companies that will be sending organic waste to the WMOC facility include Fashion Island, Olive Garden, Montage Laguna Beach, Irvine Company, Hyatt Irvine and Lucille's BBQ Grill in Lake Forest.

In the program, separated food and organics are collected at participating businesses. WMOC then picks up and transports the food and organics to the recycling facility where it is processed in a specially designed bio-separator. With this process, all contaminants are removed from organic waste, which is then transformed into an organic slurry that can be mixed with other complementary liquids to maximize its use in creating green energy. While WMOC and other companies have had the capability to compost or convert food waste into a soil amendment through dehydration, this is the first technology in the region that creates an end product that can be used for a number of sustainable applications.

CalRecycle estimates that food waste accounts for nearly 16 percent of the overall waste stream in California, over 6 million tons per year.

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

NEW! CIF Roll-off 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 PROUCTS PER CURRENT DOT REGULATIONS... CONTACT US FOR A QUOTE TODAY!!

CIF INDUSTRIES, INC.
888-362-6263 / cifindustriesinc.com
rickclarkjr@cifindustriesinc.com

Ship recycling

■Continued from Page 1

conditions that are also polluting the oceans. In these yards, ships are beached at high tide, assaulted by thousands of often untrained, unskilled workers without personal protection equipment and without safety programs. There is total disregard for hazardous materials such as asbestos, PCBs and lead paint, found, unfortunately, in extremely high concentrations in older ships. Little attention is paid to the proper disposal of hydrocarbons such as grease, oil and diesel fuel. These hazardous materials poison workers, pollute beaches and spill or leach into the ocean to cause permanent damage to the ecosystem.

Jaross is passionate about protecting the environment and said, "The world has not enforced stopping that type of pollution. It's a terrible scar of the ecological makeup of our world and should not be allowed. Since we have the Safety at Sea Act, enforced by all countries and covering every ship that goes to sea to ensure the safety of the crew, we should have a requirement for every ship to be recycled in a safe manner. Green shipyards like ours should be the predominant way." Jaross is referring to the International Convention for the Safety of Life at Sea (SOLAS), an international maritime safety treaty. The SOLAS Convention in its successive forms is generally regarded as the most important of all international treaties concerning the safety of merchant ships.

Contrast the bad practices taking place in many countries with the American approach to dismantling. Under United States law regulated by United States Maritime Administration

(MARAD), an agency of the United States Department of Transportation, and the EPA, registered United States vessels containing hazardous contaminants cannot be exported for dismantling. In addition to dismantling and environmental regulations enforced by these two agencies, ship recyclers must comply with state environmental laws and Occupational Safety and Health Administration (OSHA) regulations and inspections.

There is only a handful of ship recycling companies in the United States and all are mandated to follow green recycling practices. Since ESCO appears to be the largest, it may serve as a model for worldwide ship recycling. "I would say we are the largest ship recycler in the country. It's not for me to judge, but I believe so in terms of tonnage, facility and people," said Jaross.

At ESCO, approximately 400 workers dismantle up to 7 ships at a time. All workers undergo safety training and safety officers are present everyday in the yard and on vessels to enforce safety and work rules. When workers arrive for a shift, they change in a clean room into company supplied uniforms and are equipped with appropriate job related personal protection equipment such as hard hats, safety vests, gloves and respirators. Before lunch, workers must wash their hands to remove any contaminants and eat in an air-conditioned lunchroom. At end of shift workers shower, change into street clothes and their uniforms are laundered on site. Facility water is specially filtered to remove contaminants, which are then properly disposed.

"We are regularly inspected by EPA and OSHA and we are considered a very safe facility. Overall, I think we do an



Scheduled for scrapping in late 2005 at Alang, India, the USNS Gen. Edwin D. Patrick troop transport vessel remained in the Reserve Fleet when public outcry regarding her hull condition and the amount of asbestos onboard prevented removal. She remained there until sold for scrapping at ESCO Marine of Brownsville, Texas in early 2010. After hull inspections at BAE Shipyard in San Francisco, the vessel departed under tow to the breakers in May 2010.

excellent job. We operate on the Brownsville Ship Channel, which is a very clean waterway. We even have porpoises come right up into our yard," Jaross touted.

Brownsville, Texas is just a few miles from Mexico and one of the nation's primary ship recycling areas. There, a 17-mile man made channel connects the Port of Brownsville to the Gulf of Mexico. Along the channel, ESCO owns three slips where ships are dismantled. As a ship floats in a slip, crews come aboard to begin remediation. "It takes months and months in our production line to get a ship ready to dismantle because we spend a lot of time properly cleaning the ship in preparation for cutting," said Jaross.

First, fire hazards, asbestos, PCBs and hydrocarbons are removed as well as salvageable equipment before actual cutting can begin. While a ship is afloat, structural and plate steel, and nonferrous metals are cut with torches and hydraulic shears. "We use capital intensive equipment wherever possible including a modern wire chopper to get the copper out of the shipboard cables," Jaross explained.

Starting at the top of the ship, large structural sections are taken off and placed on engineered cutting pads for final processing. As the hull is trimmed down to the waterline, winches begin to pull the hull onto land where crews begin to dismantle the bow. As steel is removed, the hull is winched forward until the entire vessel is recycled.

"Most ships we do are 7,000 to 14,000 tons, but we've handled vessels up to 18,000 tons. We're now bidding on the Saratoga, a Forrestal Class aircraft carrier launched in 1955 which is 59,000 tons. We do 8,000 to 9,000 tons of ship scrap per month, so if an average ship weighs 8,000 tons we are doing about 1 ship every month," Jaross estimated.

Jaross reported his company has a backlog of ships waiting to be recycled over the next year and that he is bidding on several other ships being offered for sale. The majority of his raw stock comes from the Navy and the Maritime

Administration, the balance are commercial ships. "We went through a rash of old oil rigs back in the 1980s but now most are being repurposed for foreign deployment. There are a lot of rigs sitting idle, but not many are coming our way," he added.

Of course, a ship is predominately made of structural and plate steel with only a small percent of nonferrous. Plate is mostly seven-eighths inch, with the balance one-half inch and occasionally one inch. Ferrous is usually cut into two by five foot sections. Nonferrous is broken down to the smallest practicable size, separated by metal type and staged for sale. On its property, ESCO also operates a traditional scrap metal feeder yard with a 4,500 hp auto shredder and acquires metals other than from ships.

"We sell to the highest price FOB at our yard. Our output could go to Mexican or United States markets by truck or rail, some goes up the Mississippi river by barge, some goes to New Orleans for export, some goes to Beaumont and Mobile to various mills. In terms of steel, ships are one of the highest yields. We put out beautiful steel, mills like it," said Jaross.

In addition to dismantling at its Brownsville facility, ESCO has sent work crews around the country to perform environmental remediation on ships scheduled for sinking as artificial reefs. "We have done that because it's a contract, but we are not in favor of the practice," said Jaross.

Creating artificial reefs or breakwaters dates back thousands of years and can be done with stone, primarily for harbor protection.

Using manufactured materials in the United States to create artificial reefs is a rather recent development and the ecological implications are not fully understood by science.

State agencies have promoted artificial reefs due to pressure from the fishing industry to increase fish populations and from divers to create recreational unities, but sinking old tires, subway cars, busses, tugboats, naval vessels may

See SHIP RECYCLING, Page 8



Series II Heavy Duty Spider Rotor

RIVERSIDE PRODUCTS.

NUMBER 1 IN, WELL, JUST ABOUT EVERYTHING.

Let's take the bull by the horns.



No matter what others may say, we're the sales leader. Is it because we sell a better product? Absolutely.

We appreciate that you recognize how we never stop improving our product. Innovation makes us Number 1. Our customers keep us there.

RIVERSIDE PRODUCTS SHOULD BE YOUR NUMBER 1 CHOICE!

Take another look at: Series II Heavy Duty Spider Rotor



www.riversideproducts.com/series2

www.riversideproducts.com

437 DEVILS GLEN ROAD
BETTENDORF, IOWA

800.545.6221
563.441.0707



New process for juice boxes and cartons emerges

A cutting edge recycling line was launched at Groupe RCM's recycling facility in Québec; a local project that's part of a larger industry strategy to optimize end-of-life carton management in Canada. The launch is the end result of a 3 year development and represents a \$3.5 million investment, spearheaded by Tetra Pak as part of its larger, aggressive national recycling plan. Tetra Pak and its corporate partners A. Lassonde Inc., and Natrel, along with Québec government corporation, Recyc-Québec collectively provided Groupe RCM with \$1 million in seed capital.

The new process breaks down carton, plastic bag and film waste into a thermoplastic resin.



Sylvia Martin, an employee of Groupe RCM Inc. explains recycling line to the President of Group RCM, Yvon Picotte and Pierre Lacoursière of Canada Economic Development.

The line accepts all gable top and aseptic cartons, as well as plastic shopping bags and cellophane films from sorting centers in the Québec market. A thermokinetic process uses high-speed knives to homogenize disparate waste materials into plastic granules that can later be used for making a wide variety of plastic products including: flower pots, railway ties, guard rail posts, pallets and plastic lumber. The process is waste-free, converting all elements, including straws, caps and other plastic attachments, into plastic granules.

This investment aligns with the greater awareness and concern that Canadians have for recycling in general. According to an EKOS survey commissioned by Tetra Pak, more than 80 percent of Canadians feel recycling is worth the effort.

ALTERNATIVE ENERGY

Miami-Dade's methane sequestration project will increase electricity

Miami-Dade County Mayor Carlos Alvarez was joined by County Commissioner Natacha Seijas, Toby Russell and Jennifer Holman of the Department of Energy (DOE), County staff and local business owners at a groundbreaking ceremony for the County's Methane Sequestration Project at the Miami-Dade Water and Sewer's South District Wastewater Treatment Plant (SDWWTP).

This project consists of the upgrade and expansion of the existing cogeneration system at the SDWWTP which generates electricity from digester gas currently being produced at the plant. Landfill gas which is produced from the Solid Waste Department's South Dade Landfill will be collected and piped to the SDWWTP where it will be mixed with digester gases. By combining landfill and digester gases, Miami-Dade County will increase the amount of self-generated electricity, therefore reducing the County's consumption of electricity generated from fossil fuel. Once completed, this project has the potential to produce 63,800 KW per day. In addition, it is estimated that this project will generate 40 jobs in the local economy.

"The Methane Sequestration Project is our largest alternative energy project to date," said Mayor Alvarez.

On September 14, 2009, Miami-Dade County was awarded a grant for \$12,523,700 through the Energy Efficiency and Conservation Block Grant (EECBG) Program which is funded under the Federal Stimulus Plan, and administered through the Department of Energy and Miami-Dade County's Office of Sustainability. The Methane Sequestration Project is one of 13 projects funded through the EECBG program, which includes a mix of energy management projects, citizen outreach and education, sub-grants, demonstration programs, construction projects and incentive programs.



By combining landfill and digester gases, Miami-Dade County will increase the amount of self-generated electricity, therefore reducing the County's consumption of electricity generated from fossil fuel.

In the first year of the grant program, Miami-Dade County spent over \$4.3 million, or 35 percent, of grant funds. This exceeds DOE's milestone of spending 20 percent.

Other accomplishments include: installation of a cool roof on a Homestead Library, deployment of energy efficient Thin Clients to County employees, hosting home energy savings workshops for residents in each of the 13 commission districts, providing grants for energy efficiency retrofits to our community based organizations and non-profits, issuing loans to our local businesses for energy retrofits, and the installation of solar panels on park recreational buildings.

ReEnergy acquires tire-to-energy facility

ReEnergy Holdings LLC, a Latham New York, based renewable energy company, has entered into an agreement to acquire the Exeter Tire-to-Energy Facility located in Sterling, Connecticut from a subsidiary of CMS Enterprises, based in Jackson, Michigan. The 31 MW facility, continuously operated since 1991, is fueled with chipped and whole tires.

With the immediate investment of significant capital, ReEnergy Holdings intends to continue to improve the facility's efficiency and environmental performance.

I pulled up to the drive-thru of a fast-food restaurant and ordered coffee. I asked the clerk to put some ice cubes into the cup so that I could drink the cool coffee quickly. At the window, there was a delay. Finally, the clerk came to the window looking frustrated, and announced, "I'm having a problem. The ice keeps melting!"



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

// FLIPSCREENING //

verb: process of separating (anything)

ROTATING SCREENING BUCKETS
FOR ALL SIZES OF
EXCAVATORS - LOADERS - SKID STEERS





1-877-273-3650 or (413) 537-5572

WWW.FLIPSCREEN.NET

ALTERNATIVE ENERGY

Solar project on former landfill approved

New Jersey Commissioner Bob Martin has approved an application by Stafford Township to remove a 48 acre landfill from the Green Acres inventory of open space so the land can be used for a solar energy project that is an important component of a major redevelopment project.

The Commissioner's decision will be reviewed by the State House Commission, which has final authority to approve Green Acres land diversions.

The Stafford Business Park is a 370-acre brownfield redevelopment project located in the Pinelands of Ocean County. The site contained a 24 acre unlicensed landfill and a 55 acre licensed landfill, neither of which had been closed in accordance with state law or the Pinelands Comprehensive Management Plan.

The township's redeveloper, the Walters Group, completed landfill remediation and closure activities last year

and is currently working on residential and commercial development of the property.

Walters removed the entire contents of the unlicensed landfill, approximately 500,000 cubic yards of municipal waste and construction and demolitions debris, and consolidated it in the licensed landfill, completing this phase of the project in early 2009.

Since then, Walters has completed 112 units of affordable housing and approximately 400,000 square feet of retail space. The redeveloper is working toward a goal of 677 residential units, 650,000 square feet of commercial space, and 100,000 square feet of office space.

The Walters Group projects that it can provide 70 percent of the project's electricity through renewable energy. It has already installed solar panels on stores that have been constructed, meeting about 30 percent of the stores'

energy needs, and is looking to construct more than 1,000 solar panels on the landfill site.

A 2006 Memorandum of Agreement (MOA) among the township, the Pinelands Commission and Ocean County allowed the redevelopment project to move ahead. It required the township to purchase or deed restrict 645 acres of ecologically important areas to mitigate project impacts.

The MOA also required Stafford Township to record a conservation easement on the former municipal landfill, preserving this land as open space under the Green Acres program. This is the land that is now subject to the Commissioner's decision.

The Commissioner's action only covers solar phases of the project. The developer is also considering constructing wind turbines on the site. This will require a separate review process.

KGRA receives grant for new power project

KGRA Energy Corporation has received a \$750,000 grant from the State of Pennsylvania's Department of Environmental Protection towards the construction of a waste heat-to-power project.

The cogeneration facility will be located in Bradford County, Pennsylvania and will harvest the heat from reciprocating engines at a natural gas compression station currently under construction by a major natural gas company. It will produce approximately 1.26MW of clean, renewable electricity from a generator linked to an organic Rankine cycle power system.

The grant, administered by the Pennsylvania Energy Development Authority, is designed to drive the advanced and renewable energy technology marketplace and further the implementation of energy efficient technologies.

With an uptime ratio of 95 percent, KGRA's facility is estimated to produce 10 million kilowatt-hours of emission-free electricity per year – displacing the equivalent of over 16 million lbs. of carbon dioxide and producing enough electricity for over 900 residences – all from the wasted exhaust heat from gas-powered engines.

As you climb the ladder of success, check occasionally to make sure it is leaning against the right wall.

Gulf Power opens landfill gas project in Florida

Gulf Power's Landfill Gas-to-Energy facility started commercial operations in October, producing 3,200 kilowatts – enough renewable energy to power more than 900 homes.

It is the first renewable energy generation facility owned and operated by Gulf Power, and the first landfill gas facility by its parent Southern Company. The energy capacity can be expanded as landfill methane gas production expands in the future.

The partnership between Gulf Power and Escambia County was launched officially in February, when Gulf Power broke ground on its \$5.3-million facility. Gulf Power has a contract with Escambia County for the purchase of landfill gas and with LFG Technologies Development to build and operate the landfill gas-to-energy facility.

Municipal solid waste landfills are the second largest human-generated source of methane emissions in the United States

and methane is one of the most potent forms of greenhouse gases – 21 times more potent than carbon dioxide, according to the Environmental Protection Agency.

Escambia County has a collection system in place and pipes the gas to the facility, where it is processed for use by the specially designed Caterpillar 1,600-kilowatt landfill gas generators. Water separated from the landfill gas will be re-used by the Landfill for its leachate system.



MAURER MANUFACTURING

Gondola Trailer

44' & 48' Trailers Available with HARDOX 450

The lightweight alternative for hauling scrap

Standard Features

- Choice of 4', 5', 6', or 8' side walls
- 22.5K tandem axles with 1 Axle ABS brake
- 3 Leaf heavy duty spring suspension, closed tandem
- D.O.T. approved conspicuity tape and rubber mounted lights
- Manifest holder
- Anti-sail mudflaps
- Sealed wiring system - designed for Maurer by Trucklite
- 2-speed landing gear
- PPG Polyurethane primer with PPG Urotec paint
- Phosphate washed for superior paint adhesion



Lakes Enterprises, INC. DBA
MAURER MANUFACTURING

www.maurermfg.com
888-274-6010

Ship recycling

■Continued from Page 6

just be creating oceanic junkyards not in our long-term interests.

One of the earliest of the junk reefs was created in the early 70s from thousands of old auto tires off the coast of Fort Lauderdale, Florida. It has caused serious environmental problems ever since.

In 2000, New York City Transit sold over 1,200 obsolete subway cars that were sunk in the Atlantic and in 2007 it sold 1,600 more for reefing.

Among other vessels, ESCO prepared the USS Oriskany, a 30,800 ton WW2, Essex Class aircraft carrier for reefing in 2006. When sunk off Pensacola, Florida, it formed the world's largest artificial reef.

"Before they sank the Oriskany the Navy did checks on the fish. They were very healthy. After it was sunk, they found high levels of PCBs in the fish liver. People catch and eat those fish. That is not healthy," Jaross feels. "It has been shown that reefing ships has not helped increase fish populations, but sometimes depletes them because fishermen go to that site and take larger catches of fish. Sinking all this stuff in the bottom of the sea is not helping the ecological condition of the ocean."

A recent Broward County, Florida scientific study stated, "Although it is too

early in the study to draw firm conclusions, the appearance of many fish species on the artificial reefs apparently absent from nearby natural reefs may indicate the ships provide some structural or chemical attribute which is lacking on the natural reef."

That chemical attribute could be lead paint rusting off steel, or other toxic substances absorbed by marine encrustations, nibbled by fish and entering the food chain. Keep in mind, the USS Oriskany was launched in 1945. Since then it was painted with multiple coats of the highest quality (i.e. highest lead content) paint that the Navy could buy. In fact, all older ships have layer upon layer of lead paint because it best protects steel from salt water.

Navies around the world have also sunk thousands of ships in live fire target practice contributing to ocean pollution. "You can't get all the lead paint off a ship and it gets into the food chain. Reefing wastes natural resources. There are better things made of concrete that you can put down for artificial reefs. Ships should be recycled in the United States. They create jobs, and have tremendous downstream effects in our economy," Jaross concluded.

His point is well taken. It seems absurd to submerge metal of any type in the ocean, particularly now when there is a global shortage of scrap metal.

C&D

Building material made healthier

Construction Specialties (CS), a manufacturer of architectural products, announced that its CS Acrovyn® 4000 line of interior wall protection products received GOLD Cradle to Cradle® certification, ensuring customers that material choices and production processes have been reviewed for their impact on human and environmental health, and persistent bioaccumulative toxins (PBT) and polyvinyl chloride (PVC) have been completely eliminated from the product and the manufacturing process.

The Cradle to Cradle GOLD certification, administered by McDonough Braungart Design Chemistry (MBDC) is the culmination of 15 years of refinement of CS's manufacturing process, beginning with identifying and reducing hazardous chemicals used in finishing processes, to the full shift from reduction to elimination of chemicals of concern on a micro level.

Cradle to Cradle certification evaluates a product's design for future life cycles, safety to humans and the environment. Unlike single-attribute ecolabels, MBDC's certification program takes a comprehensive approach to evaluating the sustainability of a product and its manufacturing practices through assessments in five categories: material health, material reutilization, renewable energy use, water stewardship and social responsibility.

"There is a growing urgency around disclosure of the contents of building products, and at CS we have chosen to reveal every component of our product line down to parts per million. We hope this precedent challenges both manufacturers and building owners to be part of the solution bringing forth healthier building practices," said Howard Williams, vice president of Construction Specialties.

PVC is one of the most common synthetic materials and appears in thousands of different formulations and configurations. Over 14 billion pounds of PVC are currently produced per year in North America and approximately 75 percent of all PVC manufactured is used in construction materials.

According to the Healthy Building Network, PVC is the worst plastic from an environmental health perspective, posing major hazards in its manufacture, product life and disposal. Carcinogens are unavoidably created in the production of PVC and can cause severe health problems.

ELECTRONICS

Printer companies not making the grade

The Electronics TakeBack Coalition released a new report card that grades computer, television, printer and game console companies on their efforts to take back and recycle their old products. Most of the manufacturers passed muster, but most printer companies and some television companies flunked.

The highest marks go to Dell, Samsung and Asus, but there were still some companies with failing grades, including Brother, Kodak, Lexmark, Philips, Funai, Epson and RCA (which is now owned by Technicolor).

Samsung also got a "dishonorable mention" because of concerns about their occupational health record at manufacturing plants in Korea.

"Announcing that you have a take-back program really isn't enough," said Robin Schneider, executive director of the Texas Campaign for the Environment, and vice chair of the Electronics TakeBack Coalition. "Most electronics companies have some kind of takeback program – but what we are looking at is whether these programs are actually effective in collecting their old products, and are making sure they are not just being exported to developing nations."

Companies generally performed poorly in the "responsible recycling" category, which requires transparency in recycling policies, vendor requirements and vendors used, as well as giving the most credit to companies whose recy-

clers are qualified under the e-Stewards program. The e-Stewards program evaluates electronics recyclers against the highest standards in the industry, including a ban on exporting toxic e-waste (included untested and non-working products) to developing countries. The program has evolved from a voluntary "Pledge" program into a certification program with comprehensive standards and accredited third party auditors who certify whether a recycler conforms to the standard.

The report card was released in advance of the holiday buying season, when consumers typically buy a large volume of electronics in the United States.

Electronics challenge adds more participants

Thanks to a United States Environmental Protection Agency (EPA) Great Lakes Restoration Initiative Grant, the State Electronics Challenge is now available to public entities in 22 states.

The Challenge has been active in 16 other states for as long as three years. Currently, there are 46 public sector entities – including two entire states – participating as Partners, representing 55,000 employees.

State Electronics Challenge (SEC) Partners commit to take action to reduce the environmental footprint of their computer assets. In return partners receive free one-on-one technical assis-

tance, web-based resources, webinar opportunities, and reporting and measurement tools to spur innovative pollution prevention approaches to managing their computer assets.

Specifically, the SEC promotes environmentally preferable purchasing of computers using the EPEAT® environmental performance standard, energy conservation through power management, paper use reduction, reuse and environmentally responsible recycling of computers at the end-of-life. The scope of the Challenge is expected to expand to include imaging equipment and televisions in the upcoming year.

In addition to support from the Great Lakes initiative, the challenge is supported by a grant from EPA Region 8, and sponsorship from ISRI R2/RIOS, Panasonic and Sims Recycling Solutions.

Participating states include:

- | | |
|-----------------------|------------------------|
| • Colorado | • Michigan <i>New</i> |
| • Connecticut | • Minnesota <i>New</i> |
| • Delaware | • Montana |
| • Illinois <i>New</i> | • Ohio <i>New</i> |
| • Indiana <i>New</i> | • Pennsylvania |
| • Maine | • Rhode Island |
| • Massachusetts | • South Dakota |
| • New Hampshire | • Utah |
| • New Jersey | • Vermont |
| • New York | • Wisconsin <i>New</i> |
| • North Dakota | • Wyoming |

NRC membership elects directors

The membership of the National Recycling Coalition (NRC) elected its 2010-2011 board of directors at its annual meeting in San Antonio, Texas.

Joining the board are: Pam Blackledge of the Environmental Paper Network, Jeff Cooper of Onondaga County Resource Recycling Agency; Susan Collins of Container Recycling Institute; Bob Gedert of the City of Austin; Norm Staunton of the Association of Vermont Recyclers; Mark Lichtenstein of the Center for Sustainable Community Solutions, Syracuse University; Meg Morris of Covanta Energy; Richard Gertman of Cascadia Consulting Group; Fran McPoland of Colling, Swift and Hynes; Michelle Minstrell of Gershman, Brickner, & Bratton; and Christine McCoy of Covanta Energy.



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."

—John Kitchens, Vice President
Iron Ax, Inc.

Advertising works.

877-777-0737

Quality comes standard.

o Complete Downstreams	o Picking stations	o Vibratory conveyors
o Infeed conveyors	o Oscillator conveyors	o Rotary trommels
o Trougher conveyors	o Radial stacker conveyors	o Shear downstreams
o Flat belt conveyors	o Reversing conveyors	o Magnetic separation

www.usconveyor.net Ph. 309.359.4088 engineering@usconveyor.net

GLASS

Rumpke invests more than \$2.5 million in Ohio

Rumpke Recycling is investing in Ohio's recycling effort with a \$2.5 million upgrade at its glass processing facility in Dayton, Ohio.

Rumpke Recycling is partnering with the Ohio Department of Natural Resources and Owens-Illinois to build enhanced technology to process glass. The new system will create a product suitable for the glass container industry.

"Securing consistent markets for glass has been a long-time challenge for Ohio recyclers. While many collection programs seek to remove glass from their recycling programs, Rumpke has committed a substantial amount of capital and time to incorporate glass as one of the items Ohio households and businesses can recycle on a daily basis," said Steve Sargent, director of Rumpke Recycling.

Installation of the equipment will begin April 2011 and will be completed by mid-August. Optical scanning technology will make recycling glass containers used by consumers, as well as bars and restaurants, easier and more economical. Simultaneously, as the program evolves, job growth is expected throughout the state.

While a significant portion of the material processed at Rumpke Recycling will be prepared for use in container manufacturing, recycling partner Johns-Manville in Defiance, Ohio will continue to use 50 percent of the processed glass as a raw material.

PAPER

Yellow Pages publishers sue to overturn Seattle's unconstitutional phone book law

Dex One Corp., SuperMedia and the Yellow Pages Association (YPA) filed suit in the U.S. District Court for the Western District of Washington to challenge a Seattle phone book ordinance on the grounds that it restricts publishers' fundamental right to free speech.

The complaint, filed by lead attorneys David Burman and Kathleen O'Sullivan of Seattle-based Perkins Coie, LLP, asserts that the ordinance enacted last month violates the First Amendment, which prohibits government from licensing or exercising advance approval of the press, from directing publishers what to publish and to whom they may communicate, and from assessing fees for the privilege of publishing. The suit also claims that the Seattle ordinance unlawfully interferes with interstate com-

merce and violates the privacy rights of Seattle residents.

"We agree that residents should have a choice of whether they receive a Yellow Pages directory, but the Seattle City Council has passed a law that violates the most basic freedom in the United States," said Neg Norton, president, YPA. "Even as we oppose the ordinance in court, we are moving forward with plans to provide a first-class, national consumer choice website at www.yellowpagesoptout.com. This website will easily enable consumers to opt-out of unwanted phonebooks and will add no costs to taxpayers anywhere – in Seattle or across the country."

Directory publishers have made significant investments in sustainable production practices since launching industrywide Environmental Guidelines in 2007. Successes include:

•Launching consumer choice programs to give consumers a choice to reduce or stop directory delivery.

•Using paper that contains recycled content and fiber derived from lumber byproducts making it unnecessary to use new trees to produce directories.

•A 29 percent reduction in the use of directory paper since 2006 as a result of advanced pagination systems and programs to reduce the number and size of directories.

•Using soy-based inks and non-toxic dyes that pose little threat to soil or groundwater supplies and adhesives in the binding process that are eco-friendly and non-toxic.

•Supporting recycling and up-cycling programs that ensure directories have a life after use.

September 2010 Kraft paper report

According to the American Forest & Paper Association's September 2010 Kraft Paper Sector Report, total Kraft paper shipments were 134.2 thousand tons, an increase of 2.2 percent compared to September 2009, but a decrease of 1.5 percent compared to August 2010. Total year-to-date shipments rose 13.4 percent over last year. Total inventory was down 6.0 percent from last month.

Smurfit-Stone posts strong earnings and cash flow

Smurfit-Stone Container Corporation reported net income of \$65 million, or \$0.65 per diluted share, for the third quarter ended Sept. 30, 2010, compared with net income attributable to common stockholders of \$1.41 billion, or \$5.41 per diluted share, for the second quarter of 2010, and \$65 million, or \$0.25 per share, for the third quarter of 2009.

Smurfit-Stone's third quarter 2010 adjusted net income was \$76 million, or \$0.76 per diluted share, up from adjusted net income of \$2 million, or \$0.01 per diluted share, in the second quarter of this year, and an adjusted net loss of (\$23) million, or (\$0.09) per diluted share, in the third quarter of 2009. The adjustments in the third quarter of 2010 were primarily the exclusion of costs related to reorganization and restructuring. The major adjustment in the second quarter of 2010 was the exclusion of \$1.42 billion of income, including tax benefits, related to the Company's emergence from bankruptcy.

The Company reported operating income of \$142 million for the third quarter of 2010, compared to an operating loss of (\$6) million in the second quarter of 2010, and operating income of \$159 million in the third quarter of 2009. The sequential improvement in operating income reflects increased net sales in the third quarter due to higher selling prices, lower maintenance-related downtime, lower fiber costs, and cost savings achieved in mill and container operations. Third quarter 2009 operating income significantly benefitted from income related to the alternative fuel tax credits that were received in 2009.

Net sales for the third quarter of this year were \$1.63 billion, up 4.5 percent from \$1.56 billion in the second quarter of 2010 and up 15.3 percent over sales of \$1.42 billion in the third quarter of 2009. The improvement in third quarter 2010 net sales is primarily due to higher average selling prices during the quarter.

Play for more than you can afford to lose and you will learn the game.

—Winston Churchill

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 CA\$H 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

Buddy Automotive Innovations

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!



Processes up to 4,200 feet per hour!

POWER WIRE STRIPPER™

Our patented design provides three models to choose from!

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

PAPER

September 2010 containerboard report published

The American Forest & Paper Association (AF&PA) released the September 2010 United States Containerboard Statistics Report.

For the eleventh straight month, containerboard production rose over same month a year ago. Total production saw an increase of 189,500 tons or 7.0 percent when compared to September 2009. Production fell 3.3 percent over August 2010 but the month over month average daily production was flat. Year-to-date 2010 production has increased 9.2 percent over 2009. The containerboard operating rate for September 2010 rose 10.7 points over September 2009 to 98.7 percent.

Additional key findings from the report include:

- Linerboard production rose over same month last year.

- Medium production shows growth over same month last year.

Recovered paper consumption up

According to the September 2010 Recovered Paper Monthly Report published by the American Forest & Paper Association (AF&PA), total United States industry consumption of recovered paper was 2.63 million tons, 8 percent higher than September of last year. However, consumption in September was 3 percent lower than August. The United States consumed 9 percent more recovered paper in the first 9 months of 2010 than during the same period last year.

United States exports of recovered paper were down three percent in August compared to July. Year-to-date exports of recovered paper are two percent lower than during the same months last year.

September 2010 paperboard report

According to the American Forest & Paper Association's September 2010 United States Paperboard Report, total boxboard production increased by 7.2 percent compared to September 2009, but dropped 1.4 percent from last month. Year-to-date production was up 4.5 percent over 2009.

Pratt Industries opens new facility

Pratt Industries, a recycled paper and packaging company, began recycling operations in Winston-Salem, North Carolina, and surrounding areas in November.

Pratt will consume the recovered paper at its Conyers, Georgia recycling mill, and sell any metal and plastic to other end users of recyclable materials.

The new facility expands Pratt's presence in the area, where it already operates several corrugated box plants.

INTERNATIONAL

China Industrial Waste Management provides appliance recycling

China Industrial Waste Management, Inc. announced that its 90 percent owned subsidiary, Dalian Dongtai Industrial Waste Treatment, Co., Ltd. was designated as the sole provider of dismantling, processing and recycling services for discarded domestic appliances for Dalian City, and one of four licensed providers of these services in Liaoning Province under the Discarded Domestic Appliance Recycling Program, which is sponsored by the PRC ministries of Commerce, Treasury, and Environmental Protection.

The Appliance Recycling Program began in August 2010 in Dalian and runs through the end of December 2011. Domestic appliances covered under this program include televisions, refrigerators, washing machines, air conditioners, personal computers and mobile phones. These appliances contain recyclable

materials, such as metal, glass and plastic. They also contain hazardous materials that can pollute the soil, water and atmosphere if they are not properly treated before disposal.

Given the lack of a national legal framework and integrated collection system, currently, many of the discarded domestic appliances in China are collected by unlicensed, small-scale dismantling plants that extract the valuable metals and dump the remaining electronic waste in the wild, which causes environment pollution. Because they are unregulated, these facilities can operate at a lower cost structure compared to licensed providers like Dalian Dongtai. As a consequence, typically only a small portion of electronic waste in China is collected by licensed, professional companies.

Mechel OAO signs strategic partnership agreement with Posco

Mechel OAO announced that it has signed an Agreement of Intent with a South Korean company, Posco.

Mechel OAO and Posco, one of the largest steel producers in the world, signed the Agreement of Intent. The Agreement was signed within the framework of the official visit of the president of the Russian Federation, Dmitry Medvedev, to the Republic of Korea.

The Agreement of Intent was signed by Igor Zyuzin, chairman of Mechel's board of directors, and Chung Joon-yang, chief executive officer of Posco.

The Agreement was signed in order to establish mutually beneficial strategic partnership between the companies. It is noted in the document that the parties consider it to be expedient to collaborate on a long-term and mutually beneficial basis on the promotion of products produced by Mechel's affiliated companies and Posco, and implementation of

potential joint projects. In particular, the companies express their intention to examine and possibly implement projects in steel, mining and logistics in Russia, the Republic of Korea and third countries.

Waste facility acquisition closed by US Ecology

US Ecology, Inc. announced that it has completed its acquisition of Stablex Canada Inc., a provider of hazardous waste services, for CAN \$80 million in cash.

Stablex operates a permitted hazardous waste processing and disposal facility in Blainville, Québec, northwest of Montreal, Quebec in Canada. The Stablex facility principally serves the eastern Canadian and northeastern United States industrial markets utilizing proprietary state-of-the-art technology to treat a wide range of hazardous waste. The acquisition was funded with cash on hand and borrowings under a new \$75 million reducing revolving line of credit facility.

The \$75 million reducing revolving line is part of an aggregate \$95 million credit agreement entered into with Wells Fargo. In addition to the new \$75 million reducing revolving line of credit, which has a maturity date of November 1, 2015, the credit agreement provides for a \$20 million revolving line of credit with a maturity date of June 15, 2013, which replaces the prior \$20 million line of credit.

Why is Christmas just like a day at the office? You do all the work and the fat guy with the suit gets all the credit.



ALL EQUIPMENT READY TO SHIP!

SSI Mobile Tire Shredding Unit for Sale—Call 1.800.652.2466

34115 – One (1) used SSI mobile tire shredding unit, model M85H, 33" wide x 63" long cutting chamber, approx. 325 hp Cummins diesel engine, model M11.

OTHER EQUIPMENT FOR SALE:
150 HP CUMBERLAND GRANULATOR, MODEL 37B
125 HP RAPID GRANULATOR, 24" X 42"
125 HP SSI DUAL SHAFT SHREDDER, MODEL 1800-E
100 HP 13 CSD MITTS & MERRILL HOG MILL
AIR CONVEYOR CORP PAPER SHREDDING SYSTEM
SHRED TECH SHREDDER SYSTEM, MODEL CT-50
60 HP CUMBERLAND GRANULATOR, MODEL 24B
60 HP REDUCTION TECH DUAL SHAFT SHREDDER, MODEL 4220
46" GUILLOTINE, DUAL PISTON
30 YARD TRASH COMPACTOR

Federal Equipment Company

See Our Entire Inventory @ www.fedequip.com
To Get an Email Quote, Contact Us at deals@fedequip.com

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 for a complete list of current equipment and more photos.



1997 SIERRA 700-TON S/L/B
 17,000 hours, electric power. Runs well. \$440,000



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



2006 FUCHS MHL350
 In good operating condition. 20Kw gen-set, central lube system, 4,952 hours. \$197,000



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

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

PLEASE, SERIOUS CALLS FROM SERIOUS BUYERS ONLY



1996 SIERRA 4200 PORTABLE METAL BALER
 Nice condition, ready to go. \$105,000



2005 FUCHS MHL350 MATERIAL HANDLER
 49' Reach, A/C, solid tires 85%. 20 KW generator, .8 Cu-Yd 5-tine rotating grapple. \$195,000



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



2000 LIEBHERR A932 HD
 20 KW gen-set, Young grapple. New Rotec bearing. \$120,000



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

RUBBER

Green roads: rubberized asphalt paves the way to a greener future in California

California recycles 75 percent of its waste tires every year.

Tires that are no longer road worthy are a valuable resource when recycled. In California, nearly 42 million waste tires were generated last year, and most were converted into new, higher-value products that help boost the state's economy. Unfortunately, the remaining 25 percent – about 11 million waste tires last year alone – ended up in landfills or stored illegally. When stacked side by side, that's enough tires to stretch the length of the West Coast from Mexico to Canada.

The Department of Resources Recycling and Recovery (CalRecycle) offers local governments grants and technical advice about how to put recycled tires to use as cost-effective and green alternatives to traditional paving and construction fill materials.

Rubberized asphalt concrete (RAC) consists of crumb rubber ground from waste tires that is mixed with asphalt and other aggregate. This mixture forms a durable alternative to traditional asphalt. RAC requires fewer repairs than regular pavement, is skid resistant, reduces noise, and is a green alternative because it uses 2,000 waste tires for every paved lane-mile.

Because rubberized pavement lasts longer, RAC roads also result in fewer greenhouse gas emissions associated with repairs, and less noise pollution due to long-lasting noise reduction properties.

"RAC is truly a green alternative that makes sense economically and environmentally," said Jerry Dankbar, street maintenance superintendent. "Our community has benefitted from roads that need fewer repairs, and are safer. The city of Roseville is pleased our RAC

roads reduce waste and save resources for future generations."

Tire-Derived Aggregate (TDA) is another ecologically friendly product made from shredded waste tires. It is used in a variety of public works projects to replace naturally mined materials like gravel.

TDA is cheaper and lighter than gravel, has superior drainage properties, and reduces noise and vibration when used in light-rail projects. Not only does using TDA reduce costs, it also keeps thousands of waste tires out of landfills with every application. When used in place of mined aggregates, it preserves natural resources and landscapes. In addition, twice as much TDA can be transported in a single truckload, when compared to gravel, requiring fewer trucks, less fuel and lower emissions with every TDA project.

METALS

Nucor reports third quarter 2010 results

Nucor Corporation reported consolidated net earnings of \$23.5 million, or \$0.07 per diluted share, for the third quarter of 2010. By comparison, Nucor reported net earnings of \$91.0 million, or \$0.29 per diluted share, in the second quarter of 2010 and a net loss of \$29.5 million, or \$0.10 per diluted share, in the third quarter of 2009.

In the first nine months of 2010, Nucor reported consolidated net earnings of \$145.5 million, or \$0.46 per diluted share, compared with a net loss of \$352.5 million, or \$1.12 per diluted share, in the first nine months of 2009.

In the third quarter of 2010, Nucor's consolidated net sales decreased 1 percent to \$4.14 billion compared with \$4.20 billion in the second quarter of 2010 and increased 33 percent compared with \$3.12 billion in the third quarter of 2009. Average sales price per ton decreased 3 percent from the second quarter of 2010 and increased 20 percent over the third quarter of 2009. Total tons shipped to outside customers were 5,633,000 tons in the third quarter of 2010, an increase of 1 percent over the second quarter of 2010 and an increase of 10 percent over the third quarter of 2009. Total third quarter steel mill shipments increased 9 percent over the third quarter of 2009 and increased 2 percent over the second quarter of 2010. Third quarter downstream steel products shipments to outside customers increased 13 percent over the third quarter of 2009 and 5 percent over the second quarter of 2010.

In the first nine months of 2010, Nucor's consolidated net sales increased 45 percent to \$11.99 billion, compared with \$8.25 billion in last year's first nine months. Average sales price per ton increased 13 percent while total tons shipped to outside customers increased 29 percent over the first nine months of 2009.

The average scrap and scrap substitute cost per ton used in the third quarter of 2010 was \$354, a decrease of 5 percent compared with \$373 in the second quarter of 2010 and an increase of 18 percent over \$299 in the third quarter of 2009. The average scrap and scrap substitute cost per ton used in the first nine months of 2010 increased 12 percent to \$348 compared to \$312 in the first nine months of 2009.

In September, Nucor's board of directors declared a cash dividend of \$0.36 per share payable on November 11, 2010 to stockholders of record on September 30, 2010. This dividend is Nucor's 150th consecutive quarterly cash dividend, a record we expect to continue.

Any married man should forget his mistakes. There's no use in two people remembering the same thing.

NJ DEP completes clean up of tire piles

Working closely with its partners at the county level, the New Jersey Department of Environmental Protection (DEP) is spearheading the removal of hundreds of thousands of tires from the largest tire dumps in the state, all of them in South Jersey, commissioner Bob Martin said.

"At one time, tire dumps, some comprised of what seemed to be endless hills

of rolling rubber, scarred many parts of New Jersey's landscape, especially in South Jersey," Commissioner Martin said. "Throughout the years, millions of tires have been removed and tire dumps cleaned up."

South Jersey had a larger share of illegal tire dumps due to the region's remoteness and availability of large tracts

of undeveloped land. The dumps typically popped up decades ago around scrap yards.

Under the initiative begun in 2009, the DEP provided Atlantic, Burlington County, Cumberland, Gloucester and Salem counties with project grants through its shared agreements under the County Environmental Health Act. The counties issued clean up contracts.

The property owners lacked funds to do the work, failed to comply with clean up orders, or have abandoned the property. The counties have made arrangements to recoup the expenditures through proceeds from any future sales of the properties. The DEP has requested the counties to use any recovered money on future solid-waste clean up programs.

The following clean up projects are under way or have been completed:

- The Salem County Improvement Authority oversaw the removal of an estimated 200,000 tires at the 23 acre Gates Tire Recycling, Inc. property, located along County Route 620 in rural Manington Township. The DEP reimbursed the county \$200,000 for this clean up. Contractor Magnus Environmental Corp. shredded the tires at its Wilmington, Delaware, facility for use at the Salem County Landfill. This project was completed last year.

- Using \$50,000 allocated by the DEP, the Atlantic County Division of Public Health is removing the remaining 20,000 tires as well as tire chips from the former Perona Scrap Yard on Columbia Road in Mullica Township, located within the ecologically sensitive Pinelands National Reserve. Some 216,000 tires had been removed from this site in 2006. Work is expected to be completed by the end of the month.

To read the remainder of the clean up projects, view this article on www.AmericanRecycler.com.

NOW BUYING

BUTYL RUBBER INNER TUBES

CALL 419-776-5065
E-MAIL jszy@dadecapital.com

HIGHEST PRICES PAID

METALS

Steel import permits decrease 13 percent

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 October totaled 1,812,000 net tons (NT). This was a 13 percent decrease from the 2,075,000 permit tons recorded in September and a 14 percent decrease from the September preliminary imports total of 2,107,000 NT. Import permit tonnage for finished steel in October was 1,535,000 NT, down 3 percent from the preliminary imports total of 1,589,000 NT in September. October total and finished steel import permit tons would annualize at 24,271,000 NT and 18,969,000 NT, up 50 percent and 34 percent, respectively, from the 16,215,000 NT and 14,179,000 NT imported in 2009.

In October, the largest finished steel import permit applications for offshore countries were for Korea (202,000 NT, down 3 percent from September), Japan (136,000 NT, up 21 percent), India (73,000 NT, up 331 percent), Germany (71,000 NT, up 23 percent) and China (56,000 NT, down 44 percent). Finished steel import market shares in October and year-to-date are 20 percent and 21 percent, respectively.

Finished steel import permits for major products that registered significant increases in October vs. the September preliminary include heavy structural shapes (up 53 percent), standard rail (up 29 percent), standard pipe (up 28 percent), hot dipped galvanized sheet and strip (up 22 percent), cold finished bars (up 19 percent) and wire drawn (up 17 percent).

Steel imports decline in September

Import market share at 20 percent

Based on preliminary Census Bureau data, the American Iron and Steel Institute (AISI) reported that the United States imported a total of 2,107,000 net tons (NT) of steel in September, including 1,589,000 NT of finished steel (down 3 percent and 6 percent, respectively, from August data).

Finished steel import market share was an estimated 20 percent in September, vs. year high 24 percent in July and a low of 15 percent in August 2009. For the year to date, finished steel import market share is 21 percent. In the first nine months of 2010, total and finished steel imports were up 56 percent and 32 percent, respectively, compared to the same period last year.

Key finished steel products with significant import increases in September 2010 compared to August include cut length plates (up 51 percent), hot rolled sheets (up 39 percent), cold rolled

U.S. IMPORTS OF FINISHED STEEL MILL PRODUCTS BY COUNTRY OF ORIGIN (Thousands of Net Tons)					
	SEP 2010	AUG 2010	2010 Annual (est)	2009 Annual	% Change 2010 Annual vs. 2009
SOUTH KOREA	208	198	1,988	1,323	50.3%
JAPAN	113	140	1,333	981	35.9%
CHINA	101	100	890	1,463	-39.2%
GERMANY	58	67	884	495	78.8%
INDIA	17	63	754	581	29.7%
TURKEY	41	85	659	492	34.1%
NETHERLANDS	63	44	495	375	32.3%
All Others	989	994	12,028	8,470	42.0%
TOTAL	1,589	1,689	19,031	14,179	34.2%

sheets (up 36 percent), and plates in coils (up 27 percent). Many finished steel products have registered significant year-to-date import increases in 2010 vs. the same period last year, including wire rods (up 125 percent) and hot rolled sheets (up 50 percent).

In September, the largest volumes of finished steel imports from offshore were from South Korea (208,000, up 5

percent), Japan (113,000 NT, down 19 percent), China (101,000 up 1 percent), The Netherlands (63,000 NT, up 43 percent) and Germany (58,000, down 13 percent). For the first nine months of 2010, the largest offshore suppliers were South Korea (1,491,000, up 49 percent), Japan (999,000 NT, up 37 percent) and China (668,000 NT, down 49 percent).

Omnisource Corporation indicted by grand jury

A Marion County grand jury has returned an eight-count indictment charging the Omnisource Corporation with corrupt business influence and receiving stolen property. The charges stem from raids at six scrap yards in Indianapolis in February 2009.

Earlier this month, the company sued Marion County Prosecutor Carl Brizzi, seeking the return of \$277,000 seized in those raids. The scrap metal recycler, a unit of Fort Wayne-based Steel Dynamics, is accused of knowingly buying stolen scrap metal between June 2007 and May 2009 – a time when prices were rising.

Omnisource lawyer Larry Mackey said it didn't happen and attributes the investigation to an effort by Brizzi, to improve his chosen successor's campaign standing. Brizzi is not seeking reelection.

Omnisource employed more than 50 off-duty Indianapolis Metropolitan

Police Department officers as security guards.

The officers are not accused of criminal wrongdoing, but one high-ranking officer was demoted and the case has prompted the department to change its policy on moonlighting by officers.





Commodity		Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
#1 Bushelings	per gross ton	\$300.00	\$280.00	\$295.00	\$306.00	\$379.00
#1 Bundles	per gross ton	295.00	280.00	290.00	306.00	376.00
Plate and Structural	per gross ton	330.00	282.00	390.00	335.00	350.00
#1 & 2 Mixed Steel	per gross ton	320.00	295.00	385.00	330.00	321.00
Shredder Bundles (tin)	per gross ton	275.00	260.00	260.00	260.00	262.00
Crushed Auto Bodies	per gross ton	275.00	260.00	245.00	260.00	269.00
Steel Turnings	per pound	120.00	125.00	139.00	185.00	252.00
#1 Copper	per pound	3.21	3.14	3.34	3.42	3.67
#2 Copper	per pound	3.06	2.93	3.14	3.19	3.42
Aluminum Cans	per pound	.67	.64	.64	.74	.75
Auto Radiators	per pound	1.80	1.74	1.90	1.92	2.02
Aluminum Core Radiators	per pound	.60	.50	.59	.66	.71
Heater Cores	per pound	1.10	1.10	1.56	1.69	1.69
Stainless Steel	per pound	.76	.79	.82	.83	.98

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.

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

518-424-1168
www.RecyclingFurnaces.com

- 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.

WASTE

Republic Services to pay nearly \$3 million for age discrimination

Republic Services, Inc. and its subsidiary Republic Silver State Disposal, Inc., will pay \$2,975,000 and provide other relief to a class of older workers, settling an age discrimination lawsuit filed by the United States Equal Employment Opportunity Commission (EEOC), the federal agency announced.

According to the EEOC, Phoenix-based Republic terminated and denied job transfer opportunities to about 21 employees over the age of 40 at its facilities in southern Nevada between 2003 and 2005 because of their age. The list of terminated employees includes garbage collectors, drivers and supervisors, some of whom were employed by the company for more than 25 years.

The EEOC contends that those jobs were then offered to younger employees who were subsequently held to lower performance standards. The EEOC further charged that Republic engaged in a form of hazing called "break him off," in which some employees were worked to the point of exhaustion, often making it difficult for them to do their jobs.

The EEOC originally filed suit against Republic in 2004 in the U.S. District Court for the District of Nevada consolidated with Robert LaRocca and William Lacy v. Republic Services, Inc. arguing that the alleged conduct was a direct violation of the Age Discrimination in Employment Act of 1967 (ADEA).

Aside from the monetary relief, the parties entered into a three-year consent decree requiring Republic to:

- Designate a corporate equal employment opportunity compliance officer;
- Conduct an audit of its employment policies and procedures;
- Provide annual anti-discrimination training to its employees;
- Closely track any future discrimination complaints to conform to its obligations under the ADEA; and
- Provide annual reports to the EEOC regarding its employment practices.

R3 signs deal that offers landfill alternative

R3 Environmental, a waste resource management company, has signed an agreement with New Hanover County, North Carolina, to build a "zero waste" trash system. It is the first of its kind in the nation and will not only divert trash from the landfill, but mine the existing landfill and reclaim the land.

The new facility will sort the county's trash, filter recyclables and convert the remaining organic matter into reusable biomass fuel. This is a new technology for the United States, but much of it is common in many places around the world. In many countries, space limitations require innovative solutions and view trash as a resource.

There is resistance to change. Waste management companies have built business models and revenue streams based on available space in landfills. Some companies may see this technology as a business threat. Turning waste into a resource may decrease the demand for landfills.

R3 signed a 15 year contract and has begun the 90 day transition period to assume control of the New Hanover County landfill and trash incinerator. Construction of the high-tech facility is scheduled to begin in early 2011 and be fully operational by 2012.

Salvaging Millions

by Ron Sturgeon
Autosalvageconsultant.com

Choosing and managing a web domain

Choosing a good domain name for a new or existing business website is not easy.

Generally, your domain name should be memorable, short and tied closely to your product or service. The length is much less important if you want organic traffic, which is usually the case.

One of the important decisions that you will make is how you plan to attract visitors to your website. Will you attract visitors from search engines (organic traffic)? Will you be using pay-per-click to generate visitors to your site? Will your domain name appear in other advertising to drive visitors to your site? By the way, I am very much opposed to using pay-per-click, and, with few exceptions, it simply isn't needed if you optimize your site up-front.

If you are counting on getting visitors from the search engines, you should consider selecting a domain name that can help you do that. By choosing a domain name that includes a good search term, you can improve the probability that the site will rank well in Google for that keyword term.

Fortunately, you don't need to guess what terms people are typing into the search engines when they look for the products and services that you sell. There are free tools, such as Google's AdWords tool, that can show you the relative amounts of traffic per keyword or phrase.

Finding good keywords that communicate your unique selling proposition (USP) and has search value can really help you get visitors to your site. A good domain name is valuable and should be protected by being properly registered with safeguards against unauthorized transfer.

Do you know the difference between direct and organic web traffic? There are two ways for people to find your website. Some people just type your web address in the domain search bar of their browser. That takes them right to your site's home page. That's called direct traffic.

The other way people can find your website is by typing words related to your site into a search engine. Unless you have a brand name or web address that is known to millions, you will have to work at showing up in the search engine results. Traffic that comes from the search engines is called organic traffic.

Why should you care? Because without an understanding of how search engines work and how to get your site ranking high on the list, your chances of being found on the web is probably low.

When I'm consulting, I often find that businesses have a website and it looks great, but it's not designed to be search engine friendly or to be found. Even when a small business has great web content, it's not presented in a way that gives it the best chance to be found by buyers.

In other words, the site has not been optimized.

Without Search Engine Optimization, it's difficult for your business to appear high in search engine results for the right keywords and earn a steady stream of visitors. How can you make sure that your web site is found?

As a promoter of my businesses, I have had to become a web expert. Now I'm helping other small business owners. I'll be glad to share some of the dos and don'ts of creating an effective business website with you.

Waste Connections declares stock split

Waste Connections, Inc.'s board of directors has authorized a 3-for-2 split of its common stock, in the form of a 50 percent stock dividend, payable November 12, 2010, to stockholders of record as of October 29, 2010.

The company's stock began trading at the split-adjusted price on November 15, 2010.

Award recipient for dedication to hazardous waste industry named

Barry Jordan, a national sales manager for Veolia ES Technical Solutions, L.L.C., has been named the 2010 recipient of the EI Digest Leadership Award. The award is presented annually to an individual who has shown outstanding contributions to the hazardous waste management industry. In addition to Jordan's award, two Veolia ES Technical Solutions facilities were also recognized.

Cary Perket, president and CEO of The Envirobiz Group, noted that Jordan is the first non-executive to receive this industry award. "In the past, we've presented this award to company CEOs, presidents and/or founders," said Perket. "But

there is no denying that Barry is deeply committed to hazardous waste management and protecting the environment, which is the very essence of this award."

Jordan has over 30 years of experience in environmental services, playing a variety of roles from policy development to operations to sales, but has spent most of his career involved in water pollution control and hazardous waste programs.

For the past ten years, Jordan has been involved with lighting and electronics recycling and is currently responsible for managing national sales for the Electronic Recycling Division of Veolia ES Technical Solutions.

WE BUY SCRAP ALUMINUM WHEELS

Highest Prices, Friendly Service, Prompt Payments!



Call Myra for a price quote:

888-834-2673

msmith@heartlandaluminum.com

Serving the Secondary Aluminum Needs of the Automotive Industries.



HEARTLAND ALUMINUM, INC.

www.heartlandaluminum.com

mail@heartlandaluminum.com / FAX (877) 375-4651

Warren, Indiana



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.

WASTE

SWACO saves communities money

Buying in bulk saves money, even when it comes to trash, yard waste and recycling services. A second Solid Waste Authority of Central Ohio (SWACO) sponsored consortium of 7 communities will bring saving amounting to more than \$840,000 over 5 years for their residents of those 7 communities.

SWACO organized the communities of Whitehall, Groveport, Valleyview, Brice, Franklin Township, Clinton Township and Pleasant Township together and provided the legal advice for their bid package. Instead of bidding smaller numbers of residential customers for each city, village or township, the consortium bid package was able to deliver the winning bidder 13,620 households. Being able to commit a larger number of customers brought about increased services at a lower price for those in the consortium.

SWACO executive director Ron Mills sees the resulting prices as simple math. "When you can bring more customers to the table, companies are willing to sharpen their pencils on pricing. This was the case in the first consortium that SWACO organized as well. In this case, the bidding process resulted in large savings overall and the addition of first time services for many residents in the consortium."

The winning bid of \$13.52 per month represents a savings of \$.49 to \$6.18 (monthly) depending upon the community. (This figure does not include pending or future governmental fees). Under the contract, Local Waste Services will provide trash services, curbside recycling, yard waste collection and bulk pick-up to the residents of the seven member communities. (Some residents will pay an extra \$.26 monthly if their community chooses to have Local Waste Services handle the billing process). In several cases, communities of the consortium are able to offer their residents curbside recycling, yard waste collection, and bulk pick-up for the first time.

WM of the Pacific Northwest to acquire Glacier Recycle

Waste Management of the Pacific Northwest (WM) has entered into an agreement to acquire Glacier Recycle, which provides recycling services for the construction industry. Waste Management 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, Waste Management's vice president-Pacific Northwest, said the integration of Glacier's processing facilities will allow Waste Management 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.

The transaction is contingent on the assignment of the necessary permits and contracts. Until then and into 2011, operations at Glacier will continue as usual for customers and employees. Services and hours will remain unchanged for the foreseeable future.

ADVERTISER INDEX	
PAGE	ADVERTISER
A17	American Pulverizer
A10	ARPI
B5	Bruker Elemental
A10	Buddy Automotive
A3	Call Shaughnessy
A5	CIF Industries
A13, B8	DADE Capital
A14	DADE Exports
A3	Dynamic Recycling
B1	Excel Manufacturing
A11	Federal Equipment Co.
A7	Flip Screen
A23	Government Liquidation
A16	Heartland Aluminum
A17, B4	Henry A. Wiltschek Inc.
A2	Iron Ax, Inc.
B3	Magnetics Division
A8	Maurer Manufacturing
B3	Moley Magnetics
A24	OverBuilt, Inc.
A15	Recycling Services Intl.
A6	Riverside Products
A12	RM Johnson
A7	Supershear
A18	US Composting Council
A9	US Conveyor

Pennsylvania DEP approves Alliance Landfill expansion

The Pennsylvania Department of Environmental Protection (DEP) has approved Alliance Sanitary Landfill's plans to expand in Taylor Borough and Ransom Township, Lackawanna County, after incorporating federal and state recommendations to strengthen air monitoring requirements and conditions to ensure safe operations.

"We incorporated comments from the health agencies and concerns and testimony presented by the public prior to making this final permit decision," said Northeast regional director Michael Bedrin.

Earlier this year, the federal Agency for Toxic Substances and Disease Registry and the state Department of Health completed a study of long-term air monitoring data from DEP and Alliance, concluding that landfill operations were not expected to harm people's health. The health agencies did recommend evaluating air monitoring capabilities if landfill operations changed.

DEP included a permit condition requiring the landfill to certify each year that all necessary gas management controls are in place and that those measures comply with permit requirements and are effective in controlling nuisance odors.

The expansion permit also includes an initial average daily volume of 3,000 tons per day and establishes a procedure for subsequent increases up to a final permit limit of 4,750 tons per day if the landfill complies with the terms of its permit.

Alliance originally submitted its expansion application to DEP in September 2006, proposing to increase its permitted disposal area by 87.3 acres and permitted average daily volume from 2,000 tons per day to 4,750 tons per day.

DEP held a public hearing on the application in January 2010 and provided an additional 30 days for public comment after the hearing.

Waste Connections reports third quarter earnings improvement

Waste Connections, Inc. announced its results for the third quarter of 2010. Revenue totaled \$345.8 million, a 9.4 percent increase over revenue of \$316.0 million in the year ago period. Operating income was \$75.7 million, or 21.9 percent of revenue, versus \$64.8 million in the third quarter of 2009. Net income attributable to Waste Connections in the quarter was \$41.0 million, or \$0.53 per share on a diluted basis of 77.9 million shares. The effective tax rate in the quarter was 39.2 percent compared to 36.0 percent in the year ago period.

Adjusted net income attributable to Waste Connections in the quarter was \$41.4 million, or \$0.53 per share, adjusting primarily for acquisition-related costs expensed due to the implementation of new accounting guidance for business combinations effective January 1, 2009.

For the nine months ended September 30, 2010, revenue was \$983.8 million, an 11.6 percent increase over revenue of \$881.5 million in the year ago period. Operating income was \$204.6 million, versus \$171.8 million for the same period in 2009. Net income attributable to Waste Connections for the nine months ended September 30, 2010, was \$99.0 million, or \$1.26 per share on a diluted basis of 78.3 million shares.

For the nine months ended September 30, 2010, non-cash costs for equity-based compensation, amortization of acquisition-related intangibles, loss on the early redemption of the 2026 Notes (net of make-whole payment), and amortization of debt discount related to convertible debt instruments in connection with the adoption of new accounting guidance on January 1, 2009, were \$22.8 million (\$14.1 million net of taxes, or approximately \$0.18 per share), compared to \$19.8 million (\$12.3 million net of taxes, or approximately \$0.15 per share) in the year ago period.

NOW AVAILABLE!

NEW
SURPLUS
EQUIPMENT

Both items still in original container:

- One (1) 4,000 HP Eletelle Liquid Rheostat, for a 4,000 HP AC Motor
- One (1) Multilin Starter for a 4,000 HP AC Motor

\$280,000 lot for immediate delivery.

American
PULVERIZER COMPANY

314-781-6100
www.ampulverizer.com
1319 Macklind Ave. St. Louis MO 63110

'CanSort' Air-Less Metal & Magnetic Sorting Machines



'Cansort' offers a complete line of Rare Earth Neodymium Eddy Current Separators, Magnetic Products and (see inset) Air-Less Narrow-Finger Machines for E-Scrap Sorting.

The 'Cansort' Air-Less Metal Sorting Machines are supplied with vibration feeders.

The 'Cansort' FINES Metal Recovery Machine is also available.

ISRI
MEMBER

All CanSort Machines available from 24 - 120" wide. Call today!

Henry A. Wiltschek Inc.
hawiltschek.com
888-518-8469

Henry A. Wiltschek
905-664-5326
henrywiltschek@bellnet.ca

Virginia M. Konrad
704-296-9232
vkonrad@carolina.rr.com

BUSINESS BRIEFS

Upstate acquires Towanda Iron & Metal

■ Upstate Shredding - Ben Weitsman & Son announced the acquisition of the property and assets of Towanda Iron & Metal, Inc., in an all-cash transaction. The closing will take place on January 2, 2011. The Towanda Iron & Metal scrap metal business, located at One River Street in Towanda, has been serving the northeastern Pennsylvania area for over 60 years. M. Barry Aronson originally purchased the company in 1947 from Sol Spitulnik.

It will be renamed Ben Weitsman of Towanda. Brad Aronson, the current president and owner, will manage the location. All current managers and staff will remain to ensure business continuity.

Smurfit-Stone promotes Craig A. Hunt

■ Smurfit-Stone Container Corporation's board of directors has named Craig A. Hunt to the position of chief administrative officer and general counsel. Hunt currently serves as senior vice president, secretary and general counsel.

Hunt joined the legal department of the former Jefferson Smurfit Corporation in 1990 and has served as general counsel for the past 12 years. In his new role, he will be responsible for all of the company's non-financial corporate functions and will continue to report to the chief executive officer.

After all is said and done, usually more is said than done.

Three elected to American Solar Energy Society Board

■ The American Solar Energy Society (ASES) has elected three new members to its board of directors.

Mary Guzowski, associate professor of architecture at the University of Minnesota, represents the solar buildings division. She works on Minnesota's Initiative for Renewable Energy in Architecture (reARCH), and is the author of the books *Daylighting for Sustainable Design* and *Toward Zero-Energy Architecture*.

David Panich, LEED AIA, an owner at Panich + Noel Architects in Parkersburg, West Virginia, represents the ASES Sustainability Division. A 1971 graduate of the Ohio University School of Architecture, he has been designing passive-solar and energy-conserving residential and commercial buildings throughout his career. He serves on the board of Green Energy Ohio.

Phil Smithers is technical services leader in the renewable energy unit of APS, Arizona's largest electric utility company. He represents the ASES Clean Energy Division. His background is in civil, structural and mechanical design and project management and transmission siting.

Universal increases stainless bar base prices

■ Universal Stainless announced a base price increase of 3 percent on all stainless bar products effective for all new orders placed, shipping January 1, 2011 forward.

IESI-BFC selects new president and COO

■ IESI-BFC Ltd. has selected Joseph Quarin to serve as its president and chief operating officer, effective immediately. Quarin will succeed Mickey Flood, current president of the company. Flood will become a vice chairman of the company and IESI Corporation, IESI-BFC Ltd.'s United States subsidiary.

Quarin will immediately assume responsibility for all of the company's operations. This appointment is the result of a comprehensive succession planning process led by the company's board of directors, and will help ensure a smooth transition of operational responsibilities within the organization.

Quarin currently serves as the company's executive vice president and has been with the company since its inception in 2000. Prior to this year, Quarin held the position of executive vice president and Canadian chief operating officer, was chief financial officer from February 2002 through September 2005, and vice president, finance from July 2000 through February 2002.

EnergySolutions adds David Lockwood to board

■ EnergySolutions, Inc. has added David Lockwood to its board of directors. Lockwood is a founder and managing partner of ValueAct SmallCap.

Prior to founding ValueAct SmallCap in 2006, Lockwood was chairman and CEO of Liberate Technologies, a provider of software to digital media companies. Lockwood also previously served as vice chairman and CEO of Intertrust Technologies Corporation, a company that develops software for digital rights management and licenses intellectual property.

Newpark Resources hires new president

■ Jeff Juergens has been named president of Newpark's Mats and Integrated Services and Environmental Services businesses. Juergens will also serve as an executive officer of the company and will be based in Lafayette, Louisiana.

Before joining Newpark, Juergens held the position of chief executive officer of B&B Oilfield Services, where he successfully led and refocused the company to regain profitability. Previously from 2007 to 2009, he was at Omni Energy Services, where he led the company's Seismic Drilling Division as general manager. Prior to 2007, he served SPS International, a wellbore cleanup tools and technology company, as vice president international operations, with responsibility for the development of operations in Canada and Latin America. Juergens began his career with BJ Services and also worked for Baker Hughes.

All inanimate objects can move just enough to get in your way.

Midpoint renames its container systems business

■ Midpoint International indicated that its recycling container business is now CleanRiver™ Recycling and Waste Stream Systems. The announcement coincided with the announcement that founder Bruce Buchan is assuming the new position of CEO and that David Jarrett has been named president.

Bruce Buchan started Midpoint International in 1990 as a distributor of office recycling products. Buchan is now CEO and assuming 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.

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.

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

March 6th-9th

The Southeast Recycling Conference & Trade Show. Hilton Sandestin Beach Golf Resort & Spa, Destin, Florida.
800-441-7949 • www.southeastrecycling.com

March 22nd-26th

ConExpo-Con/Agg 2011. Las Vegas Convention Center, Las Vegas, Nevada.
800-867-6060 • www.conexpoconagg.com

March 23rd

C&D World. Paris Resort and Casino, Las Vegas, Nevada.
630-585-7530 • 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

April 5th-9th

ISRI Annual Convention and Exposition. Los Angeles Convention Center, Los Angeles, California.
202-662-8544 • www.isriconvention.org

April 19

NERC's Spring Workshop. Hotel Northampton, Northampton, Massachusetts.
802-254-3636 • 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

May 9th-12th

WasteExpo. Dallas Convention Center, Dallas, Texas.
800-927-5007 • www.wasteexpo.com

USCC 19th Annual Conference & Tradeshow

January 24-27, 2011
Hyatt Regency Santa Clara



US Composting Council

Join us for the world's largest conference & exhibition for the composting, wood waste & organics recycling industry.

13 Training Courses, more than 100 Educational & Technical Presentations, 100+ Exhibitors & Facility Tours & "Live" Equipment Demonstrations from 20+ Manufacturers

Visit www.compostingcouncil.org and register to attend!

The USCC Conference is the largest gathering of world experts on composting & organics management. Join them & learn how to solve your company's & community's organics management, erosion control & stormwater management challenges.

- More than 100 presentations and interactive workshops covering every aspect of Composting & the Benefits of Compost Use, Greenhouse Gas Emissions, Carbon Credits, Organics & Composting, Renewable Energy & Energy from Organics, Erosion Control & Stormwater Management using Compost, The Sustainable Sites Initiative & much more
- Leading consultants, private sector & municipal experts with proven strategies
- World's largest exhibition of composting & organics equipment, systems, products & services
- "Live" equipment demonstrations from 20+ manufacturers & facility tours
- Training courses, certification exams and CEU's to help advance your career

Register Today!

Go to www.compostingcouncil.org or call the USCC at 631.737.4931

Exhibitor information, sponsorship opportunities, conference registration forms, conference highlights & workshop agendas are available at the USCC website or call the number above.

CURRENT CONFERENCE SPONSORS City of San José / City of Santa Clara / Waste Handling & Equipment News (WHEN) / The Biodegradable Products Institute / MSW Management Magazine / Environmental Credit Corporation / Portable Plants and Equipment / Resource Recycling Magazine / Vermeer Corporation / BioCycle Magazine / Composting News / Recycling Product News / Waste Management / Allied Waste/Republic Services / Z Best Products / BASF / EcoFlex / Heritage Bag / Alameda County Waste Management Authority / Scarab Manufacturing & Leasing / Green Roofs for Healthy Cities / Peninsula Compost Company / BIOgroupUSA (Biobag) / Supreme International / KOMPTeCH USA Inc / Gore Cover Systems / American Recycler / Nature Works, LLC / Harvest Power / A-1 Organics / Ecosafe 6400 Compostable Bags / Soil & Mulch Producer News / Kellogg Garden Products / Mirel Bioplastics by Telles / Cedar Grove Packaging / REOTEMP Instruments / Bradco Environmental / Midwest Bio-Systems / St. Louis Composting / Amadas Industries / WeCare Organics / ALLU Group / ROTO-Mix / Glad Bag / Resource Recovery Systems International—KW Composters / California Organics Recycling Council (CORG) / SPI Bioplastics Council / Kessler Consulting

US Composting Council 1 Comac Loop, Suite 1481 | Ronkonkoma, NY 11779 | T 631.737.4931 | F 631.737.4939 | uscc@compostingcouncil.org

NEW PRODUCT SHOWCASE



BANDIT INDUSTRIES MODEL 3090 TREE CHIPPER IS MOBILE

Bandit Industries Model 3090 Track is a self-propelled version of the popular Model 3090 drum-style whole tree chipper.

Bandit Industries utilizes a Caterpillar 325EL undercarriage outfitted with either 700 or 800 millimeter wide pads.

It utilizes a 37" diameter drum with a 30" x 36" opening, and features a four-wheel, diagonal feed system consisting of two 36" top-feed wheels set on an angle. These wheels are mounted in a slide box and move up or down with the flow and diameter of material passing through the feed system.

Bandit Industries, Inc.
6750 Millbrook Road
Remus, MI 49340
889-561-2273
www.banditchippers.com



CASE LAUNCHES FOUR NEW LOADER/BACKHOES

Case Construction Equipment introduced four new N Series loader/backhoe models.

The Case 580N, 580 Super N, 580 Super N Wide Track and 590 Super N loader/backhoes replace the M Series 3 product line. The new machines feature 4.5-liter, turbocharged engines, ranging from 79 hp in the 580N to 108 hp in the 590SN.

A new fabricated boom design increases strength while maintaining the over-center design. Backhoe bucket pins are stronger to account for the improved lift capacities. The N Series continues its best-in-class maintainability with triple bushings and floating pins.

Case Construction Equipment, Inc.
700 State Street
Racine, WI 53404
866-542-2736
www.cnh.com



CAT 514 TELEHANDLER HANDLES TOUGH APPLICATIONS

The new Cat TH514 telehandler is a robust and versatile machine with a load capacity of 11,000 lbs. (4990 kg), forward reach of 30 ft. 3 in. (9.2 m) and with stabilizers in the down position, the machine provides lift height of 45 ft. (13.7 m).

The TH514 telehandler is ideal for general construction and industrial markets, as well as specialty markets, including power plants and wind farm applications.

Caterpillar Inc.
100 NE Adams Street
Peoria, IL 61629
309-675-5153
www.cat.com



CLEAN BURN INTRODUCES NEW SATURN WASTE OIL FURNACES

New Saturn™ 140 and Saturn™ 230 waste oil furnaces from Clean Burn bring the potential for energy savings and recycling to small shop and garage owners worldwide. Customizable to meet specific heating needs, the efficient units feature an advanced burner design, fast installation and easy maintenance. Units recycle used motor oils, hydraulic fluids and certain fuel oils and provide free heating. Furnaces are UL listed in the United States and Canada and comply with EPA regulations.

Clean Burn Energy Systems
1835 Freedom Road
Lancaster, PA 17601
800-331-0183
www.saturnfurnaces.com



ERIEZ INTRODUCES SPACE- SAVING FINESORT JR.

Eriez's design of the FinesSort Jr. allows for efficient recovery of 1" and smaller fines. It is engineered with a 24" diameter AIP Pulley and a 60" Xtreme™ Eddy Current Separator to create the clean fines streams.

The Xtreme Eddy Current Separator is designed to recover fine nonferrous materials that a recycling center's main ECS would otherwise miss. The nonferrous fines material is propelled by the special ECS into a cross conveyor and into collection bins. The fluff falls out of the stream through a chute onto a waste conveyor.

Eriez
2200 Asbury Road
Erie, PA 16506
888-300-3743
www.eriez.com



MORBARK INTRODUCES COMPACT STAND-ALONE FLAIL

Morbark, Inc. introduced the Morbark 5500 Stand-Alone Flail. This portable debarker/delimiter removes the bark and foliage from trees when harvesting wood fiber for high quality chips for use in the pulp and paper market. The flail can be used alone or in tandem with a Morbark whole tree chipper.

The 5500 Stand-Alone Flail is available with either two or three flails. Weighing in at approximately 50,000 pounds the Morbark 5500 Stand-Alone Flail is easier to transport to job sites than larger units. Standard equipment includes the Morbark Integrated Control System.

Morbark Inc.
PO Box 1000
Winn, MI 48896
800-831-0042
www.morbark.com



NEW HOLLAND ADDS NEW PALLET FORKS FOR SKID STEERS

New Holland Construction introduced pallet forks designed for use with its skid steers and compact track loaders. The forks are particularly useful in material handling, construction, agriculture, landscaping and utility applications.

The pallet fork assemblies are available with either 48" or 42" tines, with a choice of 5,500 or 4,000 pound-rated tine sets. The frame's mounting angle ensures optimum forward tilt for load pick-up and excellent rollback for transporting loads. The design offers ample room between the frame and the cab.

New Holland Construction
100 South Saunders Road
Lake Forest, IL 60045
800-365-6423
www.newholland.com



JRB GRAPPLE BUCKET/RAKE TRAPS AND TRANSPORTS DEBRIS

The JRB Grapple Bucket/Rake by Paladin Construction Group attaches to wheel loaders to transport materials in construction debris, land clearing, trash handling and scrap applications. Its "C" shaped design allows small debris to drop out through the bottom shell, eliminating excess material weight.

The bucket/rake utilizes multi-line grapples equipped with horizontal and vertical bars that hold materials firmly in place.

The JRB Grapple Bucket/Rake is available in 5 models, ranging in size from 2.25 to 6 cubic yards with maximum openings ranging from 75" to 120".

Paladin Construction Group
820 Glaser Parkway
Akron, OH 44306
800-428-2538
www.paladinbrands.com



RAYCO'S NEW RC1824 CHIPPER HAS DUAL HORIZONTAL FEEDS

The RAYCO RC1824 has a powerful feed system to pull in brush, limbs, and logs easier, with less trimming. Dual, horizontal feed wheels are off-set to minimize material kick-up. A 24" diameter top feed wheel is powered by a planetary drive motor and easily climbs over large logs without operator assistance. The chipper throat is 24" wide, straight through to and dead space between feed wheels and chipper drum is minimized. This 18" capacity drum chipper features a 130 hp Cummins engine or an optional 160 hp Cummins turbo diesel.

RAYCO Manufacturing
4255 East Lincoln Way
Wooster, Ohio 44691
800-392-2686
www.raycomfg.com



STELLAR INDUSTRIES' NEW SLIDER26 SLIDING JIB HOOKLIFT

This new 26,000-pound capacity sliding-jib hooklift offers 5 different hook height options, including 2 hydraulically adjustable versions, and can handle body variations of 12 to 18 feet with a maximum dump angle of 68 degrees.

Hook height options for the Slider26 include fixed 35.63", 54", 61.75", hydraulically adjustable from 35.63" to 54" and hydraulically adjustable from 54" to 61.75". Adjusting the hook height can be done in less than 20 seconds without ever leaving the cab.

Other features include hexagonal boom design, bushings and a secure hose track for the jib.

Stellar Industries Inc.
190 State Street
Garner, IA 50438
800-321-3741
www.stellarindustries.com

To Place Your Ad

Call
877-777-0737
Fax
419-931-0740
Visit
AmericanRecycler.com

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



Classified ADVERTISEMENTS

ALL CLASSIFIED ADVERTISEMENTS MUST BE PAID IN ADVANCE.

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

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

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.

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

Balers

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 h.p. motor, automatic tie. 100 hours since overhaul. Bob Hall 405-236-4255.

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

Businesses

BIBB AUTO PARTS & SALVAGE YARD in Macon, Georgia. In business/same phone number since 1949. 20.33 acre site. Zoned C4 highway commercial, future zoning **RESTRICTS** additional salvage yards. EPA-compliant. **IAA AUTO AUCTION** one half mile from business location, owner will finance or lease. \$550,000. Call 478-718-5528.

PENNSYLVANIA AUTO RECYCLING YARD, licensed on 13.1 acres with a 2,400 square foot 3-bay garage with lift and a 400 square foot building for storage. Located in Lehigh Valley, asking \$650,000. 610-262-5056, ask for Stan.

SIX ACRES ON IMPROVED with salvage yard zoning, along major highway mid-way between Philadelphia, Pennsylvania and Baltimore, Maryland. 717-464-4461.

412.562.0891 tel
412.562.0892 fax

info@sternerconsulting.com



STERNER CONSULTING

**Recycling & Scrap Business
& Property in S. Philadelphia**

8 acres, 75,000 SF building, zoning allows, source/recycling, scrap yard, roll-off and truck operations yard and other related activities. Easy access to major highways and site has rail nearby. The location is ideal to service city industrial region. Now operating as recycling operations only. Owner is considering sale or options. This is the LAST of this type of permit in town.

sternerconsulting.com

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.

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.

Material Handlers

WHEEL LOADER MAGNET ATTACHMENT

28" Aluminum Wound Magnet

**5.5 KW Gas
Driven Generator**

**Remote Lift /
Drop Switch**



www.hescomachinery.com
CALL JOHN DAVIS 952-944-3611

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.

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

Material Handlers

'98 Daewoo Solar 220 LC III Material Handler



Elevated Cab, 4206 Hours, 40 ft. Iron Axe Boom, 15 KW Gen w/45" Mag, Rotobec Grapple:

\$95,000

Call Tom: (718) 495-4949

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!

HEAVY EQUIPMENT SERVICES CO



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

2001 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

2007 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

2002 Liebherr A904 (Rubber) 38' Reach, Elev Cab, Gen Set & Grapple

2004 Caterpillar 330CL (Crawler) with Labounty MSD2500R SL Shear

www.hescomachinery.com
CALL JOHN DAVIS 952-944-3611

NEW American-Built GEN-SETS & MAGNETS

800-472-0453 Ivan Jacobs

NEXT DEADLINE 12/16
CALL TODAY 877-777-0737

Material Handlers

EQUIPMENT INTERNATIONAL

Call Ivan Jacobs today at
800-472-0453

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

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

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

2006 MHL 360 (rubber), 59' reach, hydraulic cab, gen-set, magnet & grapple.

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

2005 MHL 350 (rubber), 50' reach, hydraulic cab, gen-set and grapple.

2003 & 1996 MHL 340 REBUILT (rubber), 41' reach, hydraulic cab, gen-set and grapple.

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.

2001 A924 REBUILT (rubber), 40' reach, hydraulic cab, gen-set and grapple.

2000 R914 REBUILT (crawler), 38' reach, 4' cab riser, gen-set and grapple.

2000 A904 REBUILT (rubber), 35' reach, 4' cab riser, 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 830M (rubber), 50' reach, hydraulic cab, gen-set and grapple.

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

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

OTHERS

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

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.

Trackmobile TM5 rail car mover.

1995 NORTSHORE 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

alanrossmachinery **OVER 500 MACHINES IN OUR WAREHOUSE**

3240 Commercial Ave.
Northbrook (Chicago), IL 60062
Toll Free: 1-888-898-ROSS(7677)
Fax: (847) 480-1830
www.alanross.biz
We Buy And Sell New & Used Machinery

- Shredders
- Conveyors
- Balers
- Can Densifiers
- Magnetic
- Separators
- Shears
- Granulators
- Cable Strippers
- Dust Collectors

S & L EQUIPMENT

**57"
WALKER
MAGNET**



Factory rebuilt, 230 volts, 75% duty cycle. Weight: 3,960 lbs. \$14,000.

908-475-8111

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

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**

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

CALL 612-961-8893

Miscellaneous

VECOPLAN RG62/150K waste grinder, high-torque motor with conveyor, 500 hours, like new, \$225,000; EZ wheel crusher, 18 hp motor, low hours, \$3,500; Sierra 500T shear baler logger with remote, fresh rebuild, \$325,000; EXCEL 2R9 baler with auto-tie, 60 inch steel conveyor, 4,000 hours, \$200,000 with conveyor, \$150,000 without, all in use, 810-793-7557.

1991 DIAMOND Z TUB GRINDER LARGE CAPACITY • ELECTRIC POWERED



16-ft. tub, 750 h.p. electric motor. Quick change hammers, tilting tub, remote controls and spare parts. Very Low Hours!

**SIERRA EQUIPMENT • 510-887-7500
sales@sierraequipmentcompany.com**

24" GAS TANK STRAP CUTTER **\$119**

27" SLIDE HAMMER HANDLE GAS TANK STRAP CUTTER **\$155**

28" STEEL CABLE CUTTER **\$89**
Blade opens 1-1/8"

33" COPPER & ALUMINUM CABLE CUTTER **\$155**
Blade opens 2-1/8"

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

SWEAT FURNACES INCREASE PROFITS!



Hi-efficiency, new technology.

518-424-1168

www.RecyclingFurnaces.com



Dedicated to Serving the
SCRAP Industry!

**HARRIS BALERS
GENESIS MOBILE SHEARS
LATE MODEL MATERIAL HANDLERS
ORANGE PEEL GRAPPLES IN STOCK**

We Service what we Sell!

TO SEE OUR INVENTORY PLEASE VISIT
www.sargentsequipment.com
OR CALL US AT 708-758-2062

Miscellaneous

WIRE CHOPPING SYSTEM, COMPLETE

Powercat Type A 37kW Granulator, 3-phase, 440 volt, 60Hz

Powercat Type C Extension Rough Chopper, 3-phase, 440 volt, 60Hz

Screening Machine SM 320



- 1 year old
- Produces up to 1,800 lbs. per hour
- Requires very little floor space
- Designed to produce the highest quality copper from wire and cable scrap
- Dust collection system

Contact Reed Lewis at 612-282-1232

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 • www.perryvidex.com**

GREAT BUYS

Electric Pedestal-mount Equilibrium Crane. 1997 Harris Model #H6520P, 65' reach, 100 h.p.

'97 Liebherr Crane
Model #932EW

'95 Liebherr Crane
Model #932EW with Generator

Kohart Surplus & Salvage
Ken Kohart
419-399-4144 • 419-786-9243

New & Used EQUIPMENT FOR SALE

Mosley stationary ferrous baler, \$5,900
Mac portable car crusher, diesel, \$55,000
Mosley portable guillotine shear, call
Cat 235 with Labounty MSD 220 shear, \$55,000
New 9kw genset, w/gas engine, \$10,400
CP and REM can flattener & blowers, \$6,500 ea.
Mosley can densifier, w/ conveyor, \$15,000
New wire chopping system, w/ granulator, air separation, dust collection, \$54,000
New 26" alligator shear, \$12,500, more sizes available.

More equipment available at:
www.scrapyardequip.com
701-721-2367 or josh@scrapyardequip.com
We are looking for equipment to buy--call today!

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.

CONTINUED, Page 22

1991 CAT 235C

1999 Genesis GDP650
Demo Pro Shear

\$115,000
FOB California

With A/C,
hydraulic quick connect and
54" bucket with hydraulic thumb.



800-472-0453 **Ivan Jacobs**

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

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.

KOMATSU PC150 with LaBounty
MSD30 shear.

GENESIS 500R rotating shear head.

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

800-472-0453 Ivan
Jacobs

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

Tire Recycling

DESCO TIRE SHEAR model 2500, cuts
passenger to semi-truck tires, non-radial
farm tractor tires and off-road tires. 23 hp
Kohler gas engine. 13-15 second shear
time. Garage kept. Portable unit, well built,
like new. Call John 804-749-3428,
cell 804-955-5667 or e-mail
john11975@yahoo.com.

NEEDED: INDIVIDUALS INTERESTED in
a 21st century, environmentally-sound,
revenue-generating, proprietary crumb
rubber and refractoring 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.

MOBILE SHEARS



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

2004 Caterpillar 330CL (Crawler)
with 2007 Labounty MSD2500R SL Shear

2001 John Deere 270LC (Crawler)
with Rebuilt Labounty MSD2500 Shear

1998 Hyundai 360LC-3 (Crawler) with Re-
built Labounty MSD3000 Shear

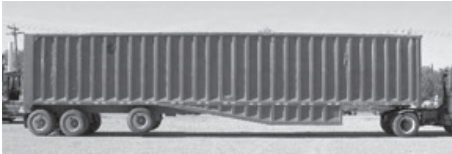
www.hescomachinery.com
CALL JOHN DAVIS 952-944-3611

Software

SALVAGE YARD SOFTWARE. Auto recy-
clers yard management system for Win-
dows™ by Rossknecht Software. Obtain
extra revenue from scrap vehicles. In-
cludes vehicle parts breakdown, invoic-
ing, bar code tags, digital pictures,
reports, towing, sales history, bookkeep-
ing. New: Scrap purchase invoice and
prints checks; send your inventory to your
website. \$750 complete, no monthly fees.
Visit www.rossknecht.com, e-mail
arsales@rossknecht.com. Free demo CD
303-884-5315.

Trucks & Trailers

SCRAP TRAILERS
PRICED TO SELL



2006 MANAC Tri-Axle Scrap
Trailers for sale. 53' steel trailers
used for only 2 years. 3 available.



Jason Vriens • 877-521-2002

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)

Sterling/Cusco
Hazmat
Tanker Truck



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

JANUARY
EQUIPMENT
SPOTLIGHT:
Auto Loggers
CALL TODAY!
877-777-0737

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

**Government
Liquidation**

A Subsidiary of Liquidity Services, Inc.

DECEMBER 2010

OverBuilt^{INC} Times

800-548-6469

www.OverBuilt.com • sales@overbuilt.com • 605-352-6469

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.

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

1989 E-Z A+ Car Crusher



Portable Crusher

Car crusher with repacked cylinders.

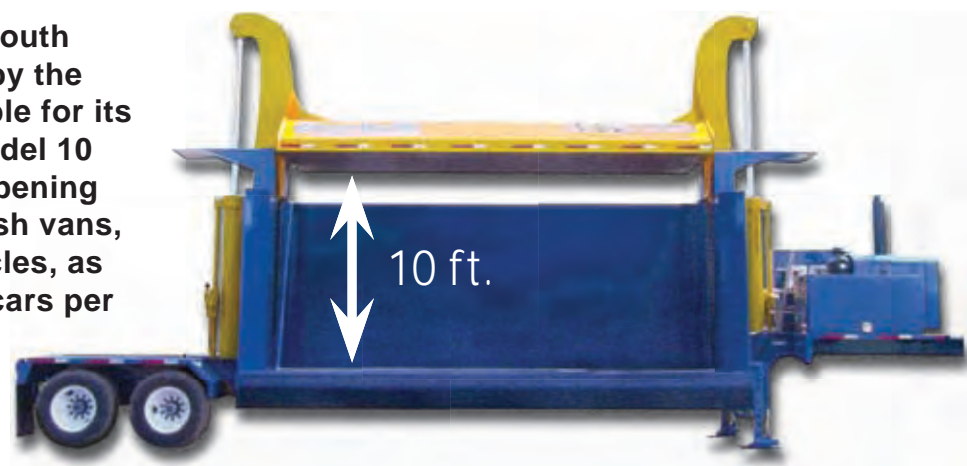
John Deere 6-cylinder diesel engine.

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

Liberty Steel sends stamping, assembly work to Mexico

North Jackson, Ohio-based Liberty Steel Products, Inc. has signed a contract with The Offshore Group for the provision of outsourced manufacturing support, or “shelter,” services in Mexico. The company will build a 40,000 square foot industrial building that will be located in the city of Saltillo in the Alianza industrial park. At its maturity, the project will employ 40 laborers.

According to Liberty Steel’s general manager of operations, Joe Dubaj, “Our new facility will be initially dedicated to stamping and assembly. We will have press capacity up through 2,000 tons and be able to run both progressive and transfer operations.

“We explored various locations and options for establishing an operation in Mexico. Being a midsized, lean company presents many challenges to establish a

See LIBERTY STEEL, Page 6

Texas high school football honored by Gerdau and Fort Worth, Texas

Fort Worth, Texas and Gerdau Ameristeel, the second-largest steel mini-mill company in the country and one of the nation’s leading recyclers of steel, announced the launch of a statewide “Cradle of Champions” campaign honoring Texas’ historic legacy of high school football. As part of the launch, Fort Worth Mayor Mike Moncrief joined Gerdau Ameristeel in announcing the concept for a steel monument honoring all Texas high school football players who have successfully reached “The League,” which will be unveiled in Sundance Square the week of Pro Football’s championship game.

For the past two years, Gerdau Ameristeel has created “Champion” structures displayed throughout the week in the host city of pro football’s Championship Games in Tampa and Miami. These unique steel tribute pieces have quickly become a championship tradition and are considered

See FOOTBALL STEEL, Page 6

Ferrous in a recovering economy

by MIKE BRESLIN

mbreslin@americanrecycler.com

If nothing else, the recent recession has engendered a new spirit of humility and caution in the American business community. Economic recovery has been steady, yet painfully slow. Many scrap metal businesses have trimmed operations in order to achieve maximum productivity from labor and investment in capital equipment. Moreover, there appears to be a reluctance to expand workforces capriciously or make large investments for expansions.

Scrap ferrous metal, however, has bounced back better than other areas of the economy in both price and demand. But the state of the commodity is fragile and highly susceptible to levels of demand for new finished goods. In October 2009, for instance, mill-buying prices for No.1 heavy melting steel delivered were approximately \$240 per gross ton. This September it was approximately \$350 per ton, and dipped to the \$320 range in October. Early indications place the November price at close to \$340 per ton.

Bob Garino, director of commodities for the Institute of Scrap Recycling Industries (ISRI) gave his overview of scrap ferrous. “It is a slow, mild recovery we are in, but we are recovering. We are seeing a softening in steel prices. End-use demand for the third quarter of 2010 was disappointing. The fourth quarter looks a little shaky as well. We are seeing lower prices on finished steel. If you look at hot rolled coil, for example, you can see there is some softness in the demand. That has lowered the demand for ferrous scrap. We saw prices drop in October and I think the assumption is that we are going to see a firmer market in November, but the increase probably won’t be as great as the decrease was for October.”

Garino does not believe that the higher prices paid for scrap ferrous is a reflection of a shortage of material, but rather a pick-up in export orders that is underpinning the general market. “I think there’s some anticipation of better markets in the months ahead. I don’t think anyone wants to be caught short of supply. They may be thinking about upcoming winter weather and how it may affect transportation. I don’t see a shortfall of material. Mills can



Although ferrous material pricing and demand has bounced back nicely, the state of the commodity is still fragile and highly susceptible to levels of demand for new finished goods.

get what they need. We have seen a slow-down in incoming material into scrap yards, but that is a function of price not a function of availability.

“In the context of the last few months, take the case of finished steel products. You have to think of it in terms of what mills are doing. They are not going to be

buying scrap unless they have orders to fill against it, and we have observed a softening in the finished goods market. We have also seen a contraction in the price of hot-rolled coil, which is a sheet product used for appliances and autos among other things. We are seeing softer numbers in

See FERROUS MARKETS, Page 7

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

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

EXCEL
MANUFACTURING

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



A Letter from the Editor

Readers,

At deadline, North Korea launched a seemingly premeditated artillery strike against South Korea, and in doing so, inflicted casualties upon their neighbor and uncertainty upon the rest of the world.

With the United States standing in support of South Korea, going so far as to send a carrier over to practice naval maneuvers with the South Korean navy, the full ramifications of the attack have yet to be felt. As of this writing, it is uncertain whether this attack heralds the start of another war, or if it will remain unanswered by South Korea and the rest of the nations who have spoken up to condemn North Korea's actions.

While governments talk and posture, private markets and trade have already begun to make their own adjustments in light of the situation. Domestically, the stock market, one of the first indicators of wider market activity, voiced a vote of no confidence. After the news broke, the market dipped substantially, which might have been a sign of difficulties for those doing business on the international stage. Or it may have merely been a fluke, since the market seemed to recover its losses the next day on news that the job markets were improving (which is great news, and worthy of its own column).

Regardless, the actions and political tensions overseas are worth keeping an eye on. I'm not certain yet whether I should hope that the world can politic its way out of the conflict, or to hope that the chance to put a sick regime to rest has finally presented itself.

But don't let a little political turmoil and potential nuclear conflict prevent you from enjoying the upcoming holidays! The unfortunate winter weather is upon us, but bad weather brings good times with family and friends.

All of us here at American Recycler would like to wish very happy holidays to you and yours. We hope our readers ring in a healthy, happy, hopeful and prosperous new year.



Dave Fournier
Focus Section Editor
david@americanrecycler.com

Can Manufacturers Institute partners with non-profit in Great American Can RoundUp

The Can Manufacturers Institute (CMI) announced that non-profit organization Food For All has signed on as a partner for The Great American Can RoundUp.

The RoundUp initiative is designed to help organizations recycle cans for cash and raise environmental awareness among participants. The partnership allows RoundUp participants to choose to donate the money they collect from recycling to Food For All, who will distribute the proceeds to soup kitchens and food banks in participants' local cities and towns, nationwide.

"We are thrilled to partner with the Can Manufacturers Institute on their Great American Can RoundUp initiative," said Denis Zegar, president and CEO of Food For All. "The opportunity to bridge an environmentally conscious recycling initiative to feeding

the hungry here in the United States is civic responsibility at its finest."

CMI also encouraged everyone to properly celebrate America Recycles Day on November 15 by recycling what might be the most common product that comes to mind when people hear "recycle" – the aluminum beverage can.

Seventy-five years after the first beverage can was introduced to the market, it has never been easier for consumers to show their environmental concern by recycling through the 8,660 community recycling collection programs in place across the country and recycling drop-off centers available nationwide. But now, recycling can also be considered big business for avid recyclers.

Last year, the aluminum industry paid out more than \$800 million to can recyclers and the aluminum recycling rate was 57.4 percent. An average of 101,218 aluminum cans are recycled

every minute in the United States, which adds up to more than 2 billion pounds of aluminum being diverted from landfills each year.

Manufacturing new aluminum cans from recycled cans uses 95 percent less energy than producing cans from virgin materials and a recycled aluminum beverage can makes its way back to the store shelf in as little as 60 days.

"Recycling has become a green activity that everyone understands and can participate in," added Robert Budway, president of CMI. "We are eager to see how ambitious and generous our Great American Can RoundUp participants will be, both with collecting cans and donating their proceeds to Food For All."

For additional information,
view this article on
www.AmericanRecycler.com.

Steel Tube Institute offers structural steel tubing certification program

The Steel Tube Institute of North America (STINA) is establishing a structural steel tubing (HSS) product certification program designed to provide product specifiers and users the assurance that the HSS they're buying in the United States and Canada is produced to, and has been tested to meet, ASTM standards.

"Right now it's virtually impossible to track the chain of supply of HSS," said Bill Wolfe, STINA's executive director. "It may be produced anywhere in the world, then travel through a series of distribution channels before it reaches the job site. In addition, the documentation and standards have historically been self-certified."

Wolfe went on to explain the problems this can create. "Recently substandard product was found at job sites, which created a significant concern among specifiers and end users throughout the United States and Canada. The liability of a product like HSS can include the design and engineering firms involved in the project, as well as the fabricators, contractors and project owners. Representatives of each of these groups have expressed concern about substandard products, or products which may not meet the proper quality standards," he explained.

The STINA product certification program will be administered by Intertek, one of the world's largest product-testing and certification companies, with more than 26,000 people in 1,000 locations, in over 100 countries around the globe. Intertek has been testing, inspecting and certifying products for more than 100 years.

The HSS product certification program will be governed by a Certification Program Procedural Guide, being developed by STINA's HSS Committee, with the guidance and support of Intertek.

How the Program Works

Companies who wish to qualify for HSS certification must successfully

pass an initial quality control audit by Intertek, who will conduct an engineering evaluation of each of the participating company's manufacturing locations.

The evaluation will include:

- A review of the company's quality control documents,
- A review of the company's manufacturing processes, and
- An engineering evaluation and testing of the products produced, based on a series of specific test standards.

These reviews and evaluations will be used to produce a factory audit manual for the company, which will contain details of the:

- Company's production methods,
 - Production testing requirements,
 - Products that have been evaluated
 - Periodic testing that will be required to maintain Product Certification, and
 - Information that will appear on the certificates the company may use.
- Once the initial quality control audit is completed and the company has received certification, Intertek will visit each of the company's facilities twice a year in order to:
- Review the receiving records of raw coil materials,
 - Review the production processes,
 - Review post production test reports, and
 - Obtain a sample of the tubes being produced, which will be sent to Intertek's verification center for confirmation testing.

A hunter visited another hunter and was given a tour of his home. In the den was a stuffed lion. The visiting hunter asked, "When did you bag him?"

The host said, "Oh, that was three years ago, when I went hunting on safari with my wife."

"What's he stuffed with?" asked the visiting hunter.
"My wife."



**Upcoming Section B
editorial focus topics**

ISSUE CLOSE FOCUS

JAN 12/16 Auto

FEB 01/17 Rubber

MAR 02/15 C&D

APR 03/17 Metals

MAY 4/18 Solid Waste

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

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

877-777-0737
www.AmericanRecycler.com

Lihua breaks ground on second copper recycling facility

Company acquires 50 year land use rights from Jiangsu Provincial Government

Lihua International, Inc., a Chinese developer, designer and manufacturer of alternatives to pure copper products, including refined copper products and superfine and magnet wire, as well copper clad aluminum (CCA) wire, announced that it has broken ground on its second copper recycling facility. The groundbreaking follows Lihua's acquisition of land use rights from the Jiangsu Provincial government.

The new recycling and smelting facility, which is expected to open during the second half of 2011, is being built on approximately 30 acres of land

located adjacent to Lihua's existing copper recycling facility in Danyang, China.

Based on the company's construction plan, the facility will initially house two smelters, and will increase Lihua's annual refined copper production capacity to 100,000 tons from current annual capacity of 50,000 tons. Total costs associated with the new facility, including the acquisition of 50 year land use rights, construction and equipment are expected to total \$35 to \$40 million. The construction and all associated costs will be fully funded

from Lihua's cash on hand, which totaled \$87 million as of June 30, 2010.

"We are pleased to...break ground on our second copper recycling facility, which will provide us with a much needed increase in refinery capacity as we work to keep up with the tremendous demand that exists for our products in the Chinese market," said Jianhua Zhu, chairman and CEO of Lihua. "We have received 2011 copper anode supply contracts and customer demand indications totaling 110,000 metric tons, which exceeds our estimated refinery capacity for the full year, reinforcing our belief in the sizeable market opportunity that exists for this product and supporting our decision to launch the anode product line during the sec-

ond quarter of 2010. Demand for our other products remains strong as well, and we believe that this capacity addition will allow Lihua to capture an additional share of the Chinese copper market."

Zhu added, "Similar to our current facility, this new facility is designed and constructed to meet the most stringent environmental standards, and includes a smoke collection system to filter the exhaust, as well as a water collection system which allows Lihua to recycle the water used for the cooling of molten copper, in addition to a variety of other technologies. Our recycled copper products carry numerous ecological benefits over products made from newly-mined copper."

Insteel Industries acquires assets of Ivy Steel and Wire

Insteel Industries, Inc. announced that its wholly-owned subsidiary, Insteel Wire Products Company has purchased certain assets of Ivy Steel & Wire, Inc. for a purchase price of approximately \$51.1 million, subject to certain post-closing adjustments.

The purchase was made with \$37.6 million cash and a \$13.5 million secured note payable over 5 years.

Ivy, a division of Oldcastle, Inc., the United States holding company of CRH PLC, is one of the nation's largest producers of welded wire reinforcement and wire products for concrete construction applications. Ivy operates five facilities, which are located in Arizona, Florida, Missouri, Pennsylvania and Texas. In 2009, Ivy reported net sales of \$104.3 million.

Under the terms of the purchase agreement, Insteel acquired, among other assets, certain of Ivy's inventories and its production facilities located in Hazleton, Pennsylvania; Jacksonville, Florida; Kingman, Arizona; and St. Joseph, Missouri in addition to the production equipment located at its Houston, Texas facility for \$37.6 million cash and a \$13.5 million secured subordinated note payable to Ivy over 5 years.

Ivy retains, among other assets, accounts receivable and the assets associated with its Pilot Steel operations located in Pompano Beach, Florida. The purchase price is subject to an adjustment to be determined based upon the closing working capital balance and may be further adjusted if Ivy does not comply with certain obliga-

tions contained in the purchase agreement. The cash portion of the purchase price was funded from cash and cash equivalents on hand.

"The addition of Ivy's facilities to our existing geographic footprint enhances Insteel's competitiveness in the Northeast, Midwest and Florida markets in addition to providing a platform to serve west coast markets more effectively," commented H.O. Woltz III, Insteel president and chief executive officer. "We expect that the integration of Ivy will result in enhanced customer service capabilities and significantly lower operating costs."

Novelis appoints John Gardner as chief sustainability officer

Novelis Inc. announced the appointment of John Gardner as vice president and chief sustainability officer, effective January 1, 2011.

In this newly created position, Gardner will lead the development of a globally integrated sustainability program that reflects the company's commitment to delivering sustainable solutions in its processes and products. Gardner will report directly to the president and chief operating officer, Philip Martens, and will serve on the Novelis executive committee.

Gardner currently serves as vice president, human resources and commu-

nications for Novelis Europe. With more than 25 years experience in Novelis, he has held a variety of senior roles throughout the company including positions within sales and marketing, operations, recycling and corporate affairs.

WORLD CLASS MAGNETIC SYSTEMS & SEPARATORS

WE OFFER PRODUCTS FOR

CONVEYOR MANUFACTURERS

- Eddy Current Separators
- Electro Magnets
- Magnetic Sweepers
- Suspension Magnets
- Pulley Magnets
- Self-Cleaning Crossbelt Magnets
- Metal Detectors

STEELWORKS & SLAG PROCESSING

- Drum Magnets
- Electro Magnets
- Magnetic Sweepers
- Self-Cleaning Crossbelt Magnets
- Pulley Magnets
- Suspension Magnets

WE ALSO OFFER SOLUTIONS FOR

CONCRETE/ASPHALT RECYCLING, SOLID WASTE & MRFs, TIRE, RUBBER, PALLET RECYCLING and PLASTIC/GLASS RECYCLING

Quality & Innovation...



MAGNETICS DIVISION
GLOBAL EQUIPMENT MKTG INC.

866-750-8662

www.globalmagnetics.com

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
716-751-6565 or cell 716-417-2591

It was Christmas and the judge was in a merry mood as he asked the defendant, "What are you charged with?"

"Doing my Christmas shopping early," replied the defendant.

"That's no offense," said the judge. "How early were you doing this shopping?"

"Before the store opened."

EQUIPMENT SPOTLIGHT

Eddy Current Separators

by MARY M. COX

maryc@americanrecycler.com

Ideal for use in the recycling industry, the eddy current separator (ECS) machine uses powerful, permanent magnets that produce repelling forces for separation of various materials.



Global Equipment Marketing, Inc.

Marshall Gralnick is president of the Magnetics Division of Global Equipment Marketing, Inc. According to him, "The popularity of eddy current separators has increased considerably in the past few years. As recycling trends have grown, so has the need for this product. Originally, the ECS was designed for the separation of large pieces of nonferrous metal with a size in excess of .5" – items such as aluminum, copper and others. Today, the need for separation of smaller ground or shredded pieces of nonferrous is a requirement that most ECS manufacturers are able to accommodate, including our company, Mastermag."

Mastermag is the brand name for the corporation's ECS products. Gralnick said that during the past 18 years, the company has offered a growing range of ECS systems, for any type of product and volume throughput.

Their new product line includes an ECS with 12" diameter concentric-designed rotors and 24 poles. According to Gralnick, it is one of the most powerful rotors to be offered in an ECS anywhere in the world. The ECS units also offer vibratory feeders for even distribution onto the ECS belt – which is made of abrasion-resistant PVC material.

Mastermag offers a Belt Change Jacking System, which is designed to speed the belt-changing process so downtime is reduced. All units include variable speed motors for ECS rotors and conveyors. Rotors can be operated in forward and reverse modes.

"Another product addition, the rare earth magnetic drum, is integrated into our ECS system and includes chutes for discharge of any separated ferrous metals.

This is critical for any ECS unit, because if too much ferrous material is exposed to the rotor, the resulting damage will eventually destroy the rotor – the heart of the system. A rotor cannot be easily repaired without a total rebuild, at a cost that can approach 45 percent of the total system, depending on the size and type of rotor," Gralnick said.

"The smallest ECS systems made today are used for the separation of aluminum beverage cans. This is the easiest separation for an ECS. The rotors used for this application range from 4" to 7" in diameter. At Mastermag, production and sales of all types of ECS systems have increased 71 percent in the past 12 months, worldwide."

He added, "ECS systems are evolving into full-scale separation systems, handling all types of ferrous and nonferrous metals and further integration with other separation systems that may handle glass, plastics and other materials. This is extremely important when dealing with e-recycling – a fast-growing segment of the recycling industry."

ECS manufacturer Eriez claims to offer the "original" eddy current separator. Mike Shattuck, project manager for Eriez, said that their products offer superior separation and are the right solution for any industry that requires an eddy current separator.



Eriez

Products are available in feed widths of up to 80" and are available for use in various applications. Eriez's FERRITE series is a basic economical rotor which removes larger, nonferrous metals in light-duty applications such as separating aluminum cans from trash.

REA is the company's most popular rare earth rotor, which removes small to medium-size nonferrous metals from e-scrap, plastics, glass cullet, foundry sand, wood waste, MRFs and municipal solid waste plants. Eriez's REO line utilizes a more powerful rare earth rotor, and is the company's heavy-duty model. It is used

to remove large nonferrous metals in high capacity auto shredding and municipal solid waste applications. It generally provides higher recoveries, which result in a quicker return on investment.

XTREME™ is the machine with the most versatile rotor. The powerful, heavy-duty unit features a long throw to recover very small and very large nonferrous in high-capacity applications. Long throw improves separation, delivering a better grade product. SUPER, the machine with Eriez's most powerful rotor, includes large magnetic poles that are used in select, high-tonnage applications, where maximum recovery is required.

The newest Eriez ECS is the RevX-E™. It employs an eccentric magnetic rotor for separation of nonferrous metals and is designed with an eccentrically-mounted magnetic rotor within a non-conductive, larger diameter shell. "This eccentric rotor concentrates eddy current forces into a zone of separation at the end of the belt. By focusing the function in this way, the machine process ignores ferrous items in the flow of material. The eccentric rotor design reduces long-term wear due to heated ferrous build up," Shattuck explained.

Henry A. Wiltschek Inc. is the manufacturer of the "CanSort," a turn-key rare earth neodymium eddy current separator. The CanSort offers concentric or eccentric rotors, depending on the application involved, whether it be ASR, fines metal recovery or electronic scrap sorting, with adjustable splitters. Units are also available with lower-priced ferrite eddy current rotors for UBC sorting.

Henry Wiltschek, company owner and president said, "Machines are available from 24" to 70" width options, with various belt cleaning systems. The control cabinets for our products are equipped with digital read-outs for conveyor belt speed, rotor RPMs and brake resistors for the eddy current motors. The bearings are easily accessible for greasing."

The company also offers compact and versatile eddy current units, material in-feed conveyors, equipped with magnetic pulleys of varying strengths or a choice of magnetic crossbelt conveyors, which remove magnetic metals and slightly magnetized stainless steel, prior to eddy current separation. The discharge chutes of the eddy currents have sufficient height for easy removal of the sorted



Henry A. Wiltschek, Inc.

materials by either conveyor or Bobcat, according to Wiltschek.

He also noted, "The metal and scrap metal industries have been hit hard by the recession, as most other industries and businesses, but the economy indicates a slow recovery and conditions will likely improve by next year. Equipment buyers have been holding back because of economic uncertainties and this will also change."

Manufacturer List

Dings Magnetics Group
Harold Bolstad
414-672-7830
www.dingsmagnets.com

Eriez
Mike Shattuck
800-345-4946
www.eriez.com

Global Equipment Marketing, Inc.
Marshall Gralnick
866-750-8662
www.globalmagnetics.com

Henry A. Wiltschek, Inc.
Henry Wiltschek
888-518-8469
www.hawiltschekinc.com

Huron Valley Steel Corporation
Ben Davis
256-238-1746
www.hvsc.net

Industrial Magnetics, Inc.
Dennis O'Leary
800-662-4638
www.magnetics.com

Magnetic Products Inc.
Ellen Kominars
800-544-5930
www.mpimagnet.com



'CanSort' Air-Less Metal & Magnetic Sorting Machines

Machines available from 24 - 100" wide. Call today!

Cansort offers a complete line of Rare Earth Neodymium Eddy Current Separators, Magnetic Products and (see inset) Air-Less Narrow-Finger Machines for E-Scrap Sorting. The Cansort FINES Metal Recovery Machine is also available.

hawiltschek.com

Henry A. Wiltschek Inc.

888-518-8469



AK Steel receives Honda's Green Factory Environmental Achievement Award

AK Steel has received Honda's Green Factory Environmental Achievement Award in the category of Conservation of Natural Resources. The award recognizes the company for its ongoing environmental restoration efforts at its steel plant in Coshocton, Ohio.

"Through its actions, AK Steel is showing the importance of land stewardship and how it can benefit society while also providing a rich habitat for diverse native plants and animals," said Rich Spivey, senior manager in Honda's North American Purchasing Division. "This award recognizes AK Steel's commitment to restore and protect a unique natural environment in its local community."

Since the summer of 2008, AK Steel has restored more than 10 acres of property at its Coshocton Works into native Ohio prairie land. The area includes several nesting boxes for bluebirds and purple martins, as well as native flowers and grasses. The company said it will maintain the restored area and plans to expand the

prairie to more than 20 acres over time.

Honda's Green Factory Achievement Awards recognize environmental stewardship among Honda's nearly 600 parts suppliers in North America, and reflect Honda's ongoing commitments to protect the environment through its products and its operations. Through this awards program and the participation by many suppliers at its annual environmental symposium, Honda encourages all suppliers to achieve excellence in environmental management and land stewardship.

The award is presented to companies each year based on their achievements in three areas: conservation of natural resources, energy reduction and pollution prevention. AK Steel participated in the symposium this year by presenting its environmental restoration initiatives.

In addition to receiving Honda's Green Factory Award, AK Steel's Coshoc-



AK Steel has restored more than 10 acres of property at its Coshocton Works into native Ohio prairie land.

ton Works received "Wildlife at Work" certification in 2009 from the Wildlife Habitat Council, a leading non-profit organization dedicated to restoring and enhancing wildlife habitat. AK Steel uses high efficiency lighting throughout its Coshocton facility, and all of the company's plants are ANSI/ISO 14001:2004 certified to meet internationally recognized environmental management standards.

Ball to relocate manufacturing line to Belgrade plant

Ball Corporation announced that the company will relocate a metal beverage can production line originally intended for a plant in Lublin, Poland, to Ball's Belgrade, Serbia, plant. The line will be integrated into the existing Belgrade facility and is expected to begin production by the end of the first quarter of 2011.

The new production line will initially manufacture approximately 750 million aluminum cans per year.

"Relocating the production line to an existing manufacturing facility requires minimal capital and provides additional benefits from economies of scale," said Raymond J. Seabrook, executive vice president and chief operating officer, global packaging operations. "This line will enable us to supply the needs of our customers and meet growth rates in regional markets."

The new production line will initially manufacture approximately 750 million aluminum beverage cans per year and can be expanded as demand warrants. It will be the second line in the Belgrade plant, which opened in 2005 and employs approximately 140 people. Ball continues to evaluate options regarding the planned Lublin facility.

United States Steel reports 2010 3Q results

United States Steel Corporation reported a third quarter 2010 net loss of \$51 million, or \$0.35 per diluted share, compared to a net loss of \$25 million, or \$0.17 per diluted share, in the second quarter of 2010 and a net loss of \$303 million, or \$2.11 per diluted share, in the third quarter of 2009.

Commenting on results, United States Steel chairman and CEO John P. Surma said, "Results for the quarter were lower than the second quarter as all three of our segments had lower shipments and production as activity in most of our markets slowed. Results were also affected by higher facility repair and maintenance costs, most notably for inspection and repairs of critical struc-

tures at our flat-rolled facilities, lower flat-rolled average realized prices, and higher raw materials costs in our flat-rolled and European operations. Our tubular operations benefitted from increased average realized prices and had improved income from operations for the fifth consecutive quarter."

The company reported a third quarter 2010 loss from operations of \$138 million, compared with income of \$198 million in the second quarter of 2010 and a loss from operations of \$412 million in the third quarter of 2009.

Other items not allocated to segments in the third quarter 2010 consisted of a loss from the sale of the majority of the assets of Fintube Technologies,

which decreased net income by \$15 million, or 11 cents per diluted share. There were no other items not allocated to segments during the second quarter of 2010 or the third quarter of 2009.

As of September 30, 2010, United States Steel had \$643 million of cash and \$2.2 billion of total liquidity as compared to \$947 million of cash and \$2.5 billion of total liquidity at June 30, 2010.

AR 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

1/11	Auto Loggers
2/11	Rubber Grinders
3/11	Concrete Crushers
4/11	Container Loading Systems
5/11	Refuse Bodies

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.

Novelis donates \$200,000 to Make-A-Wish Foundation

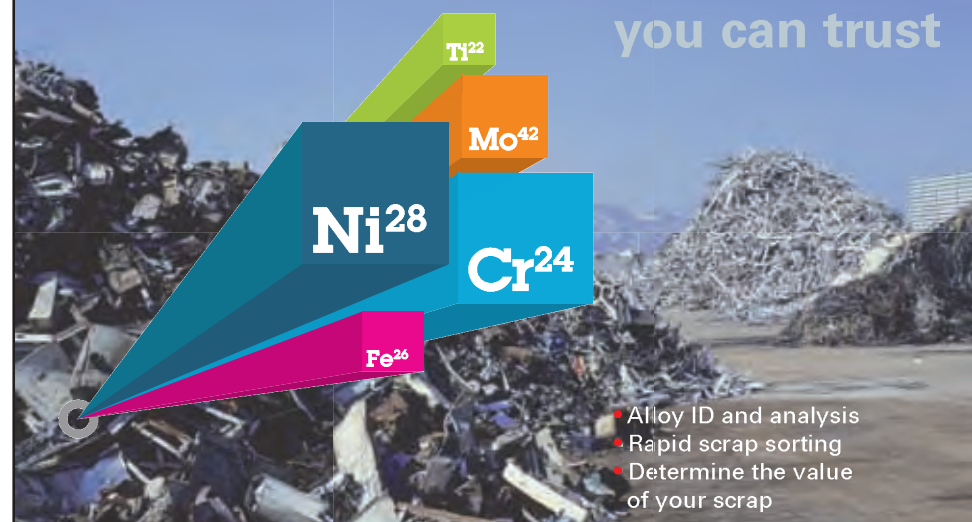
The Make-A-Wish Foundation® of Georgia and Alabama announced a new partnership with Atlanta-based Novelis, an aluminum rolled products and beverage can recycling company. Novelis donated \$200,000 to the foundation to be used to grant wishes and \$50,000 for event sponsorships, representing the single largest corporate gift to date for the Make-A-Wish chapter.

Novelis celebrated the partnership by inviting several wish families and Make-A-Wish board members to join them in a family day event at their new facility in Atlanta.

On a rural road a state trooper pulled a farmer over and said, "Sir, do you realize that your wife fell out of the car several miles back?" To which the farmer replied, "Thank God, I thought I had gone deaf!"



S1 SORTER Technology you can trust



- Alloy ID and analysis
- Rapid scrap sorting
- Determine the value of your scrap



The S1 SORTER XRF analyzer provides the best value in scrap sorting and analysis.

www.handheldxrf.com hhsales@Bruker-Elemental.net

Visit our website to enter our new **Promotional Drawing!**

Innovation with Integrity

Handheld XRF

A Closer Look

by Donna Currie

Midwest Equipment Sales

Jim Ashmus • 262-859-1888

"Grandpa was a gold miner," Jim Ashmus said as a prelude to the family's history in the recycling business, "He went into recycling after World War II." That business started off recycling the surplus army equipment left after the war. "He traveled all over the world," Ashmus said.

That business later transitioned into buying, selling and recycling mining equipment; a natural choice considering grandpa had worked in the mining business and had hands-on experience with the equipment.

"Mom and dad owned a sand and gravel pit," Ashmus continued. "I was sort of born into the recycling business." But like his father before him, Ashmus's father also transitioned his business into something else. "In 1962, my father bought the property here," Ashmus said, referring to his current site in Kenosha, Wisconsin.

Meanwhile, Ashmus's uncle started a business making conveyor belting, continuing with the family's interest in equipment used in the mining industry.

"I worked for my father for pennies," Ashmus said of his early years. "All I knew was that I was going to learn a trade." His father's business was involved in building conveyors, often for the mining industry, but also for recycling.

Ashmus said that in the 70s, the recycling conveyor business really took off. "We built conveyors for the largest recyclers in the world." While the need for recycling conveyors ebbed and flowed in the intervening years, it always remained part of the company's focus.

In 1996, Ashmus's father was thinking about retirement, and Ashmus bought the business. "We're still building recycling conveyors and recycling plants all over the world," he said. Ashmus rattled off a mind-boggling list of countries where he has customers, and ended with "every island in the Caribbean," an impressive accomplishment for a company that has had a maximum of 13 employees during its lifespan.

"We take new and used surplus parts from power plants, mines, iron ore plants, post offices, quarries – anyone who uses conveyors," Ashmus said. Those conveyors are shipped out as-is, or reconditioned for resale. "There are not a lot of people doing what we do."

Twenty years ago, Ashmus was the one who went to jobsites to tear out the equipment, but "now I instruct people how to repair it," Ashmus said. Customers come from all over the world to buy the refurbished equipment because "it costs a fraction of what it costs new – and some of what I have is brand new."

Ashmus said that he never did well when he was in school, but he credits a good friend and mentor for helping him learn about engineering, and for giving him an important life lesson as well. He quoted that friend, Glen, as saying, "Jimmy, nobody in the world can take away what you know." Ashmus took that to heart and started learning as much as he could about the conveyors he was selling.

"My dad guessed at horsepower, ratios, etc.," Ashmus said. But he wanted to do better, so whenever he did some work for Glen, he asked to be paid back in information. Glen was an engineer with advanced degrees, and he gave Ashmus lessons on horsepower, torque, ratios and how all of that related to the conveyors Ashmus was buying and selling.

Now, even though he doesn't have a formal education on the subject, he's proud of what he has learned. "The greatest feeling in the world is helping people solve their problems," Ashmus said. "People call with problems and I don't even need the fact book any more. I astonish them."

Even though the business has been around since 1962 under his father's ownership, and since 1996 as his own venture, Ashmus insisted, "We're just starting – I just bought out my father, and it took me ten years to buy him out."

"We buy it right and we sell it right," Ashmus said of his business philosophy. "We learned by our mistakes, and that's why we do it right, now. We stand behind what we sell." He also said that his broad distribution is a great sales tool, because when someone comes to him to buy, "you give them references in their home town."

The Ashmus family saga isn't over yet. Ashmus has two sons, aged 18 and 20, who are becoming interested in the business. "They're young, yet," Ashmus said. "I wasn't serious until I was 20." Both sons are in college, and both are working part time for the business at the same time.

While his original business sold a lot of equipment to the mining industry where his grandfather started out, the customer base has shifted. "Ninety-five percent of our business is now recycling and five percent is mining. It used to be the opposite."

But it's not all about the business. The engineering knowledge he picked up along the way has turned into a bit of a hobby as well. "I'm kind of an eccentric," Ashmus said, "with the things that I build."

Tyco's electrical and metal products business acquired

Clayton, Dubilier & Rice, LLC (CD&R) announced a definitive agreement to acquire a 51 percent ownership stake in Tyco International's electrical and metal products business. The transaction in which a CD&R-managed fund will invest \$306 million equity is valued at approximately \$1 billion.

Tyco's electrical and metal products business, which will operate under the name Atkore International, designs, manufactures and distributes galvanized steel tubes and pipes, electrical conduit, armored wire and cable, metal framing systems and building components. The business serves a wide range of construction, electrical, fire, security and mechanical applications, and generated revenue of \$1.4 billion in fiscal 2010.

Nelda J. Connors will continue to lead Atkore as chief executive officer. CD&R will have a majority of the board of directors and the chairman position.

With 37 manufacturing and distribution facilities worldwide, Atkore has North American market positions in electrical conduit, marketed under the Allied brand, metal clad cable, marketed under the AFC brand, as well as strut and support systems marketed under the Unistrut and Power-Strut brands. In addition to electrical products, Atkore's mechanical tube, sprinkler pipe and fence product lines also hold strong market positions.

Credit Suisse, Deutsche Bank Securities Inc. and UBS Investment Bank will provide debt financing for the transaction. BofA Merrill Lynch, Credit Suisse and UBS Investment Bank acted as financial advisors to CD&R. Debevoise & Plimpton LLP acted as legal advisor to CD&R.

The transaction is currently expected to close in the next two months.

Football steel

■Continued from Page 1

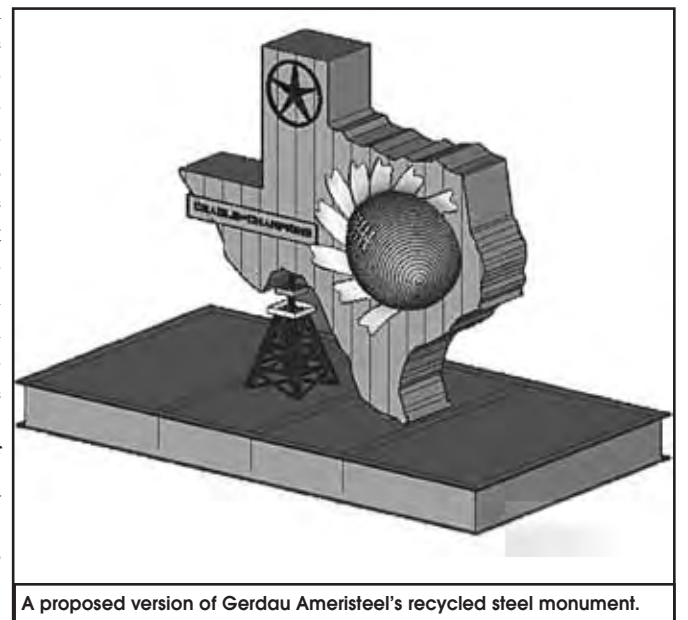
must-see destinations for both locals and visitors in each city.

This year's "Cradle of Champions" campaign is Gerdau Ameristeel's most-ambitious and exhilarating project to date. With the help of Fort Worth, they are asking all Texas high schools to submit the names of qualified alumni and a piece of steel (scrap, bolt, etc.) from their own football facility or school, which will be repurposed with recycled steel from the recently demolished stadium in North Texas, to create a special steel monument that celebrates Texas high school football. The legacy structure will list the names of every submitted and confirmed Texas high school football player who has successfully reached "The League."

"The great state of Texas has long been a national 'cradle' in developing some of history's greatest professional football players," said Mon-

crief. "With this season's championship game being played here in North Texas, there is no better time to honor and celebrate the achievements of our home-grown football stars. For this reason, I join Gerdau Ameristeel in encouraging every high school in the Lone Star State to register for this program, submit the names of their applicable alumni and send in a piece of steel from their school. There is no cost to participate."

Gerdau Ameristeel will be collecting and melting submitted steel for this year's monument at its Midlothian plant.



A proposed version of Gerdau Ameristeel's recycled steel monument.

For additional information, view this article on www.AmericanRecycler.com.

Liberty Steel

■Continued from Page 1

facility outside the United States. The list of services provided by the Offshore Group allowed us to overcome many unknown factors."

Liberty Steel was founded in 1965, and since then has grown from a single 4,000 square foot location to include 3 plants with a combined total of over 425,000 square feet. Liberty Steel processes coated, cold rolled and hot rolled steel,

as well as provides stamping and blanking services.

The Offshore Group is the largest provider of outsourced manufacturing support, or shelter services in Mexico. Currently 53 manufacturers, employing approximately 11,000 workers, are in production at The Offshore Group's 3 industrial parks, and additional industrial areas, in Sonora and the city of Saltillo, Coahuila. Through its Vangtel subsidiary, The Offshore Group also offers services to companies occupying the call center, IT development and BPO markets.

Ferrous markets

■Continued from Page 1

October. We are seeing that trickle-down in lower prices in scrap as well. It's just a reflection of a weaker domestic steel market.

"The prices in October dropped \$30 to \$40 dollars a ton. And while I think we can expect a rebound for November, it's not going to be as great as the drop was in October. And that's a reflection of currency considerations in export orders, and of course to replace existing inventories."

Garino does not see a slowdown of ferrous coming into scrap yards, but believes it is a function of price, not a function of lack of material. In an elastic market, as prices respond to demand, so does the flow of scrap ferrous.

There is no question that there has been a slowdown in construction, auto manufacturing and appliance sales, but the overall manufacturing component is trending higher. According to a Federal Reserve statistical report, United States industrial production and capacity utilization rose 5.4 percent from September 2009 to September 2010.

"If there's any concern on the supply side, clearly there may be less new industrial scrap because the level of manufacturing is not as great as it was, but it is improving, said Garino.

To get perspective on industrial scrap ferrous, American Recycler interviewed Jody Schottenfels, vice president of operations and sales at Marwol Metals, Ltd. Based in West Bloomfield, Michigan, her company has been in the scrap metal business since the 1920s. Today Marwol specializes in recovering industrial scrap from a dozen or so manufacturing plants in southeastern Michigan.

Marwol enters into agreements with plants based on published price indexes to recover scrap, supplies containers that are staged at the plants and provides pick-up service. Regarding the current state of Marwol's business, Schottenfels said, "I'm as good as my plants are. My ferrous accounts are not generating as much scrap as they have in the past. Some of my plants are down now and have been down all this year, but now their phones are ringing and they are getting requests for proposals and putting out bids.

"Many of my plants have gotten away from automotive. They have diversified over the years because of what has been going on in the auto industry over the last ten years in Michigan. I have some plants that do military. Those are doing very well because they have good military contracts in place. I don't have any stamping plants doing auto parts, but I do have one automotive plant that is doing quite well. I have plants that do tool and die work and plants that feed the construction, mining and forestry industries, and their production has been inconsistent all year."

Schottenfels continued, "I would like to see more loads out of my plants. They are not generating a whole lot. Instead of getting a couple of loads a month, I'm getting one load, but there's a promise that it may pick up and I can buy scrap as they generate it." Marwol sells its scrap to a handful of scrap yards

American Recycler also spoke with Rich Brady, executive vice president of the



Supplementing its company-operated scrap collection sites, OmniSource acquires metals from industrial scrap generators, other scrap companies, peddler-dealers and construction companies.

ferrous commercial group for the OmniSource Corporation, a wholly owned subsidiary of Steel Dynamics, Inc. Founded in Fort Wayne, Indiana more than 65 years ago, OmniSource has grown to become one of North America's largest processors and distributors of scrap and secondary metals. "In 2008 we shipped 5.6 million tons of recycled steel, but for 2010 we will be slightly down from that probably somewhere north of 5.2 or 5.3 million tons," said Brady.

Supplementing its company-operated scrap collection sites, OmniSource acquires metals from industrial scrap generators, other scrap companies, peddler-dealers and construction companies. The company also manages and operates metal recycling programs for manufacturing companies and has national brokerage and trading operations serving metals buyers and sellers.

OmniSource processing facilities are located predominantly in the midwest and the southeast. "On our steel products, we are primarily a domestic supplier. We do ship some export via container for steel shred, but the majority of our steel scrap production stays domestic," Brady explained. "I would say the state of the market is very competitive today and that will likely continue given limited volumes, but I believe the market will continue to improve as the general economic conditions, particularly in the steel business, recover."

For the past nine months, Brady has seen an improvement in 2010 versus 2009 volume; however, margins continue to be strained. Primarily, he attributes it to availability issues due to the general economy being weaker. "There just is not as much scrap available that's being generated, primarily from industrial sources." As for obsolete scrap, he is seeing a much greater demand from the export market than OmniSource has experienced historically. "I don't believe it is necessarily a shortage, but more a function of the obsolete arena today being driven by an overcapacity in shredding coupled with strong export demand," Brady said.

Over the past 10 years, the number of shredder installations in the United States

has gone from roughly 200 shredders to over 300. That does not include shredders that have been upgraded to higher capacities. "You don't have to go back long ago, 10 or 15 years, when shredders had a capacity of 30 to 40 tons an hour. Shredders that are now running 150 to 200 tons an hour have replaced some of those older machines," said Brady.

This explains why there is a huge demand for feedstock for shredders. There are more shredders operating at higher capacities that accept a wider range of metal inputs. Shredding operations are also using more sophisticated downstream sorting technologies for finer separation of ferrous, as well as nonferrous, materials.

Many shredding companies are looking at developing feeder-type facilities in an effort to garner larger volumes of ferrous to put into these bigger machines. These machines require tens of thousands of tons of feedstock. Brady is seeing more efforts to establish base sourcing for shredders, looking to develop locations that are complementary and regional in nature where shredders can obtain feedstock on an economical basis.

"I don't think anyone is anticipating some huge, robust recovery, but a slow, steady improvement is probably in the works for 2010 and I think that will bode well for the business in 2011," Brady concluded.

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 for a
complete list of current equipment
and more photos.



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



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



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



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



2002 SIERRA 500SL

20,100 hours approximatly. 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