



2015 YTD Press Coverage

Summary By Marketing Dynamics International

1/30/16

Marie Hartis

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Recycling Inside (Netherlands) – May company profile and Hammermill coverage

Recycling Today Global Edition –

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- **March 24** --- Magnatech Saturn Hammermill announcement(-newsletter/online)
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American Recycler – Dec Equip Spotlight

Page B4, December 2015 Metal Recycling

EQUIPMENT SPOTLIGHT

Loggers/Balers

by MARY M. COX
mary@mhfi.com

Auto loggers and balers are familiar components within the overall metal recycling market. They're used to reduce a very large, common material found in the industry so that it can be further handled in the most economical way possible.

cycles, in a cutting edge design unmatched by traditional balers," said Greg Wright, business development manager. The unit also features semi and fully automatic operating modes. Built to withstand the rigors of auto logging operations, all surfaces which come in contact with material are lined with wear plates of abrasion-resistant, high-alloy steel.

Wright commented on industry developments: "To diversify operations and increase revenue streams, many yards are taking in more loose scrap and white goods in addition to cars than they ever did before, to supplement their business. A versatile machine like the MAC Magnum logger gives today's auto scrap yards the flexibility to also handle a larger variety of materials, including light iron loose scrap, white goods recycling and nonferrous recycling.

"In January of 2018, Tier IV engines will be required on auto loggers. These engines are more expensive and complicated and manufacturers will need to be compliant. This will increase the industry for these types of machines, which are heavy and so will likely require permits and a tri axle tractor for hauling."

Because Iron Ax owns and operates scrap yards and has been in the scrap business for 45 years, "we know the scrap industry and what is needed to get a job done. That gives us a unique perspective that our customers seem to really appreciate," stated John Kitchens, vice president. Iron Ax manufactures two different size balers. One has a 16' long baling chamber, and the other has a 20' long baling chamber. Both balers can be purchased with or without a crane. The company's most popular baler, the IPB-20, has a 20' long baling chamber, but no crane. The 16' balers are more popular in international markets due to the smaller size of their automobiles but the firm's U.S. customers prefer the larger sized baler.

Iron Pack Balers are high speed, high production balers. The baling cycle is approximately one minute long, and each baler features remote control and automatic cycle. Programmable pressure settings are also offered, so the hydraulic pressure can be increased or decreased with the touch of a button. The feature provides the operator with total control for making a loose or tight bale. General processing volumes vary but volume consistently increases for those who use an Iron Pack Baler. Kitchens said, "Our balers are used in small, single yard operations and in large yards across the world too. Set up time is minimal because units are designed to increase production and efficiency. Once a baler is in place and the outriggers have been lowered, the operator is ready to process within minutes." He added, "I think the baler market will continue to grow. A car crusher is limited to one function only, but a baler can do everything a crusher can do and produce a superior baler/logger – a leader in the recycling industry. With a 26.5' crane and a lifting capacity of 5,000 lbs. at 25' filling and with a 20' baling chamber, it can handle the largest trucks, cars or vans a scrap yard has to offer. Setup time is 5 minutes from time of placement.

See LOGGERS/BALERS, Page B6

Manufacturer List

Al-jon Manufacturing LLC
Mike Stout
800-255-6620
www.aljon.com

Colmar USA, Inc.
Liliana Gambino
716-693-9877
www.colmarequipment.com

Diamond Z
Pat Crawford
208-585-3031
www.diamondz.com

Granutech-Saturn Systems
Greg Wright
888-900-4308
www.granutech.com

Harris
Holly Waters
800-468-5657
www.harrisequip.com

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

Overbuilt, Inc.
Steve Besch
800-548-6469
www.overbuilt.com

The RM Johnson Co.
David Van Vleet
800-328-3613
www.ezcrusher.com

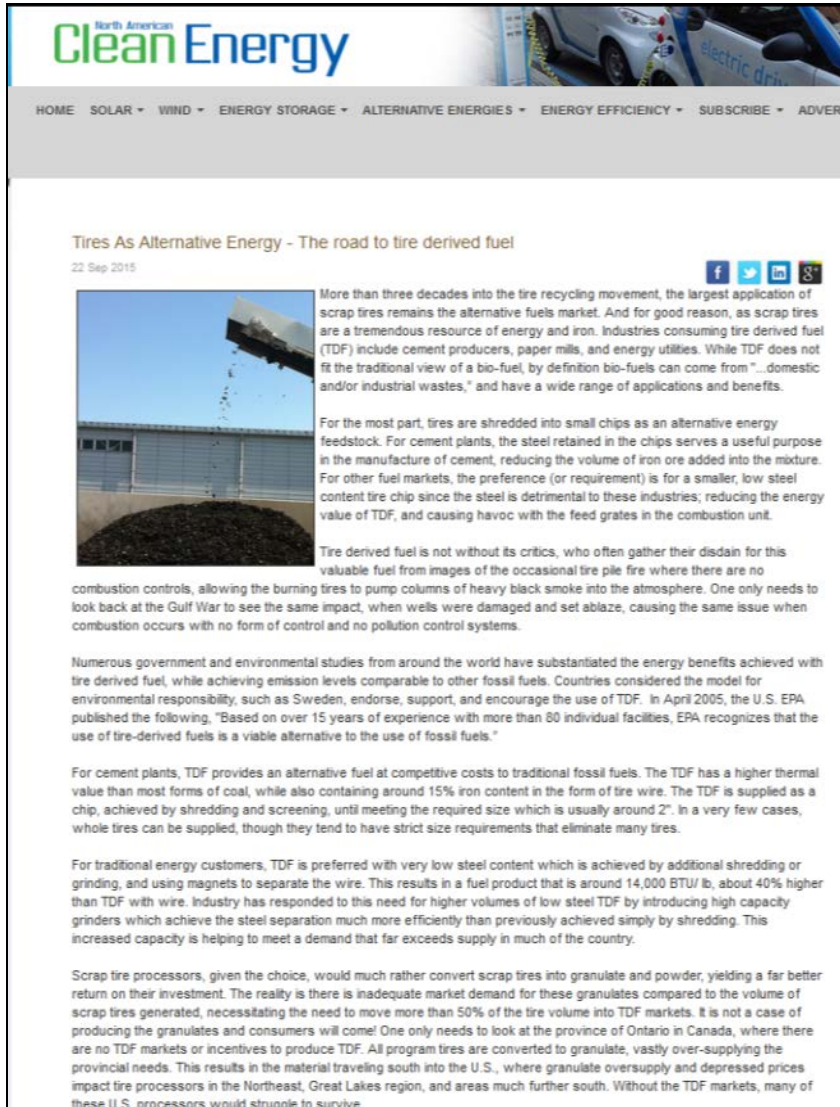
Sierra International
Jose Pereyra
800-343-8503
www.sierraintl.com







NA Clean Energy (Sept) — *Tire Derived Fuel as Alternative Energy*




The screenshot shows a webpage with the following content:

North American Clean Energy

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Tires As Alternative Energy - The road to tire derived fuel

22 Sep 2015



More than three decades into the tire recycling movement, the largest application of scrap tires remains the alternative fuels market. And for good reason, as scrap tires are a tremendous resource of energy and iron. Industries consuming tire derived fuel (TDF) include cement producers, paper mills, and energy utilities. While TDF does not fit the traditional view of a bio-fuel, by definition bio-fuels can come from "...domestic and/or industrial wastes," and have a wide range of applications and benefits.

For the most part, tires are shredded into small chips as an alternative energy feedstock. For cement plants, the steel retained in the chips serves a useful purpose in the manufacture of cement, reducing the volume of iron ore added into the mixture. For other fuel markets, the preference (or requirement) is for a smaller, low steel content tire chip since the steel is detrimental to these industries; reducing the energy value of TDF, and causing havoc with the feed grates in the combustion unit.

Tire derived fuel is not without its critics, who often gather their disdain for this valuable fuel from images of the occasional tire pile fire where there are no combustion controls, allowing the burning tires to pump columns of heavy black smoke into the atmosphere. One only needs to look back at the Gulf War to see the same impact, when wells were damaged and set ablaze, causing the same issue when combustion occurs with no form of control and no pollution control systems.

Numerous government and environmental studies from around the world have substantiated the energy benefits achieved with tire derived fuel, while achieving emission levels comparable to other fossil fuels. Countries considered the model for environmental responsibility, such as Sweden, endorse, support, and encourage the use of TDF. In April 2005, the U.S. EPA published the following, "Based on over 15 years of experience with more than 80 individual facilities, EPA recognizes that the use of tire-derived fuels is a viable alternative to the use of fossil fuels."

For cement plants, TDF provides an alternative fuel at competitive costs to traditional fossil fuels. The TDF has a higher thermal value than most forms of coal, while also containing around 15% iron content in the form of tire wire. The TDF is supplied as a chip, achieved by shredding and screening, until meeting the required size which is usually around 2". In a very few cases, whole tires can be supplied, though they tend to have strict size requirements that eliminate many tires.

For traditional energy customers, TDF is preferred with very low steel content which is achieved by additional shredding or grinding, and using magnets to separate the wire. This results in a fuel product that is around 14,000 BTU/ lb. about 40% higher than TDF with wire. Industry has responded to this need for higher volumes of low steel TDF by introducing high capacity grinders which achieve the steel separation much more efficiently than previously achieved simply by shredding. This increased capacity is helping to meet a demand that far exceeds supply in much of the country.

Scrap tire processors, given the choice, would much rather convert scrap tires into granulate and powder, yielding a far better return on their investment. The reality is there is inadequate market demand for these granulates compared to the volume of scrap tires generated, necessitating the need to move more than 50% of the tire volume into TDF markets. It is not a case of producing the granulates and consumers will come! One only needs to look at the province of Ontario in Canada, where there are no TDF markets or incentives to produce TDF. All program tires are converted to granulate, vastly over-supplying the provincial needs. This results in the material traveling south into the U.S., where granulate oversupply and depressed prices impact tire processors in the Northeast, Great Lakes region, and areas much further south. Without the TDF markets, many of these U.S. processors would struggle to survive.

[Click here for Full Online article](#)

Recycling Inside- (May – company profile)



**RECYCLING
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Granutech-Saturn Systems

Founded in 1971, the global company that is today Granutech-Saturn systems, is a leader in recycling equipment design, quality and innovation, and based in Dallas, Texas. Its world class product offering includes Saturn® shredders, hammermills, grinders & granulators, powderizers and refiner mills, and MAC® (Mobile Auto Crushers) auto flattening units and high density balers and loggers, which are among the most widely used pieces of equipment of their kind in the world.

Granutech-Saturn Systems is not only the result of inherent engineering and design expertise, but also strategic acquisitions of long established brands (Saturn Shredders, Granutech tire recycling systems equipment and Magnatech Engineering hammermills) in the industrial recycling equipment market. The company produces standard models and highly customized and configurable models through a comprehensive engineering services offering and in-house design, manufacturing and fabrication shop and test area with nearly 200,000 square feet of space.

The company's success in the market place is a result of continuous investment in fabrication, machining, and automation integration capabilities.

Our staff has an average 18 years in the industry and our company has been a leading industrial recycling manufacturer for over 40 yrs.

If company stability, application experience, engineering expertise and innovation, equipment longevity and service after the sale are qualities you look for in a capital equipment supplier, then Granutech-Saturn Systems Corporation is your full-service recycling equipment and systems company.



Company name: Granutech-Saturn Systems

Address: 201 E Shady Grove Rd

Zipcode: 75050

City: Grand Prairie

State: Texas

Country: United States

Phone number: ☎ 877-562-7800 **FREE**

Company website: Granutech-Saturn Systems

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UPCOMING EVENTS

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POPULAR SUPPLIERS

<p>01 Jul 2015 - 03 Jul 2015 🇨🇳 WasteMET China 2015 - Shenzhen Convention and Exhibition Center Shenzhen, China</p> <p>12 Aug 2015 - 13 Aug 2015 🇦🇺 Australian Waste & Recycling Expo - Melbourne Convention and Exhibition Centre South Wharf, Australia</p> <p>01 Sep 2015 - 03 Sep 2015 🇺🇸 E-Scrap 2015 - Omni ChampionsGate ChampionsGate, United States</p> <p>15 Sep 2015 - 17 Sep 2015 🇬🇧 RWM 2015 - NEC Birmingham Birmingham, United Kingdom</p> <p>23 Sep 2015 - 25 Sep 2015 🇨🇭 20th International Congress for Battery Recycling ICBR 2015 - Fairmont Le Montreux Palace Montreux, Switzerland</p>		
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Recycling Inside- (May *Hammermill coverage*)



NEWSLETTER


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NEW HAMMERMILL LINE TO LAUNCH UNDER SATURN BRAND

MAY 15, 2015 COMPANY NEWS



GRAND PRAIRIE, TX – Granutech-Saturn Systems, a world-leading manufacturer of the Saturn brand of industrial and mobile shredders announced today it has acquired a comprehensive line of industrial hammermills and ringmills, formerly marketed under the Magnatech brand.

"In line with our history of strategic acquisitions, the long established and proven Magnatech Engineering line of hammermills provides us with the opportunity to complete our unique line of high-performance shredders and more effectively address a wider variety of material applications, such as non-ferrous scrap metal," said Matthew Morrison, Granutech-Saturn's newly appointed President.

With hundreds of machines successfully installed and operating in the United States under the Magnatech brand, Granutech-Saturn will continue and enhance the line's legacy under its Saturn shredder brand. Granutech will be manufacturing the Saturn hammermill line in its Dallas-based vertically integrated 50,000 sq. ft. design, manufacturing and machining facility, and will be selling and supporting it globally through its established network of direct sales, distributors and agents. Continuity for the line will further be ensured by Granutech's hire of Michael Graveman as one of its key account executives with regional responsibility for the metal recycling market. Mr. Graveman was President and chief sales executive at Magnatech Corporation for over ten years.

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Schutte-Buffalo Hammermill
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Resource Recycling (May)

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Industry and supplier news

May 11, 2015

Shredder manufacturer **Granutech-Saturn Systems** has acquired a comprehensive line of industrial hammermills and ringmills formerly marketed under the Magnatech brand, the company announced. The acquisition allows the Dallas-based company to supply shredders for non-ferrous scrap metal. For more, click [here](#).

Eugene, Ore.-based **Bulk Handling Systems** has hired Ted Pierpont as its director of sales, the company announced. Pierpont has more than two decades of sales leadership experience. For more, click [here](#).

Cart manufacturer **Toter** has created a 35-gallon cart with a larger footprint and 10-inch wheels, boosting stability. For more, click [here](#).

Equipment maker **eFACTOR3 LLC** has announced the addition of two partners: **Pallmann Industries** and **Pla.to Technology**. Pallman is a major manufacturer specializing in size reduction and preparation techniques, and Pla.to specializes in washing and drying lines. For more, click [here](#).

The Institute of Scrap Recycling Industries has released two videos aimed at demonstrating the value and impact of recycling to the public. The videos are focused on plastics and tire recycling. For more, click [here](#). ISRI has also elected three new directors to its board: Brian Henesey, Matthew Kripke and Michael Potash. The three are the new directors-at-large serving two-year terms ending in 2017. For more, click [here](#).

American Recycler (April)

www.AmericanRecycler.com

Metal Recy

Granutech-Saturn acquires Magnatech hammermill line

Granutech-Saturn Systems, a manufacturer of the Saturn brand of industrial and mobile shredders, has acquired a comprehensive line of industrial hammermills and ringmills, formerly marketed under the Magnatech brand.

"In line with our history of strategic acquisitions, the long established and proven Magnatech line of hammermills provides us with the opportunity to complete our unique line of high-performance shredders and more effectively address a wider variety of material applications, such as nonferrous," said Matthew Morrison, Granutech-Saturn's newly appointed president. With hundreds of machines successfully installed and operating in the U.S. under the Magnatech brand, Granutech-Saturn will continue and enhance the line's legacy. Granutech will be manufacturing the Saturn hammermill line in its Dallas-based vertically integrated 50,000 sq-ft. design, manufacturing and machining facility, and will be selling and supporting it globally through its established

network of direct sales, distributors and agents.

Continuity for the line will further be ensured by Granutech's hire of Michael Graveman as one of its key account executives with regional responsibility for the metal recycling market. Graveman was president and chief sales executive at Magnatech Corporation for over 10 years.

The Saturn hammermill series features heavy-duty plate steel construction, and will initially be available in 36", 48" and 60" diameters, in a total of 5 different size configurations, featuring speeds of 900-1,200 RPM. The Saturn hammermills have several features designed to ensure product longevity, including replaceable wear liners throughout shredding chamber, spider rotors for maximum grate coverage, long-life alloy or manganese hammers and grate materials with optional hard-facing to increase cutting effectiveness, durability and life.

Novelis

Recycling Today (May)

EQUIPMENT REPORT

Granutech-Saturn acquires Magnatech hammermill line

Dallas-based Granutech-Saturn Systems Corp., manufacturer of the Saturn brand of industrial and mobile shredders, has acquired the Magnatech line of industrial hammermills and ringmills.

Matthew Morrison, Granutech-Saturn's newly appointed president, says, "In line with our history of strategic acquisitions, the long-established and proven Magnatech Engineering line of hammermills provides us with the opportunity to complete our unique line of high-performance shredders and more effectively address a wider variety of material applications, such as nonferrous scrap metal."

With hundreds of machines installed and operating in the United States under the Magnatech brand, Granutech-Saturn says the acquisition will enhance its line of Saturn shredders.

Granutech will manufacture the hammermill line in its 50,000-square-foot design, manufacturing and machining facility in Dallas, with global sales and support through its established network

of direct sales, distributors and agents.

Granutech has hired Michael Graveman, former president and chief sales executive of Magnatech, to ensure continuity for the expanded line of Saturn shredders and hammermills. Graveman will serve as a key account executive with regional responsibility for the metal recycling market, Granutech reports.

"It was time in Magnatech's strategic plan to consider outside options on how to most effectively and significantly grow the hammermill business and launch it in a new direction while ensuring the product line's legacy," Graveman states.

"Granutech's comprehensive and responsive manufacturing facility and on-site machining and design capabilities, sales channel and deep industrial shredder product portfolio make it uniquely

positioned to support and grow the hammermill recycling systems business

under its Saturn brand and position it for long-term success and growth on a global scale, and I'm excited to be an integral part of the next chapter," he continues.

Granutech says the Saturn hammermill series features heavy-duty plate steel construction and initially will be available in 36-inch, 48-inch and 60-inch diameters and in

five different size configurations featuring speeds ranging from 900 to 1,200 revolutions per minute.

Granutech says Saturn hammermills have features designed to ensure longevity, including replaceable wear liners in the shredding chamber, spider rotors for maximum grate coverage, long-life alloy or manganese hammers and grate materials with optional hard-facing.



Genesis expands XT Mobile Shear line

Genesis Attachments, Superior, Wisconsin, has added the GXT 225, GXT 1555 and GXT 2055 straight and rotator models to its line of XT mobile shears.

With the number of models now at 18, the XT Mobile Shear line fits 25,000-to-625,000-pound excavators. Shorter in length and height and lighter in weight, the XT features a center of gravity that is closer to the excavator, enabling models to mount on excavators that previously could only carry smaller, less powerful shears, the company says.

The XT also features an apex that is closer to the back of the jaws, improving material gathering and increasing cutting performance and efficiency while reducing maintenance, according to Genesis.



Imabe of America sells single-ram baler to Florida customer

Imabe of America has completed the sale of an H240/3000 single-ram baler to Miami Waste Paper, according to Jesse Nasianceno, sales manager for Imabe of America.

Nasianceno says Florida-based Miami Waste Paper has been operating balers made by a competing manufacturer for six decades.

Miami Waste Paper primarily bales old corrugated containers (OCC), though Nasianceno says the H240/3000 also can effectively bale office paper, old newspapers and plastics, including film. He calculates its OCC baling capacity as ranging from 35 to 45 tons per hour.


Nasianceno cites several advantages he says are offered by the Imabe H240/3000, including simplicity, robustness, a quick cycle time, the production of heavy bale weights, low operating costs and energy consumption, the ability to operate independently with one of its three pumps and lasting, high-quality performance.

"The H240/3000 has a longer distance from the cutting area to the tying area," says Nasianceno. "When the hydraulic system is released—after the tying operation, which is normally when it reaches the highest levels of pressure—then the main cylinder continues its cycle through an empty area that is totally free of material. We call this 'the Imabe stomach.' Then the tying operation takes place without requiring the high pressure in the system."

Nasianceno continues, "This feature, with all its consequences in daily operation a maintenance, extends the life of the whole hydraulic system and also saves on energy consumption." The company says the baler offers highly efficient operational costs in terms of energy consumption, reducing parts costs and downtime.

Imabe of America, also based in Miami, says it expects the installation to be complete by mid-June 2015.

Recycling Inside [\(click here for live article\)](#)




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NEW HAMMERMILL LINE TO LAUNCH UNDER SATURN BRAND

MAY 15, 2015
COMPANY NEWS



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"It was time in Magnatech's strategic plan to consider outside options on how to most effectively and significantly grow the hammermill business and launch it in a new direction, while ensuring the product line's legacy," Mr. Graveman stated. "With its established leadership position in the recycling market, Granutech's comprehensive and responsive manufacturing facility and onsite machining and design capabilities, sales channel, and deep industrial shredder product portfolio make it uniquely positioned to support and grow the hammermill recycling

UPCOMING EVENTS	POPULAR POSTS	POPULAR SUPPLIERS
17 May 2015 - 20 May 2015 BIR World Recycling Convention and Exhibition - Dubai Intercontinental Hotel Dubai , United Arab Emirates		
22 May 2015 - 24 May 2015 WASTE & RECYCLING EXPO - OLYMPIC CENTRE OF FENCING Athens, Greece		
26 May 2015 - 28 May 2015 WasteTech-2015 - Crocus Expo International Exhibition Centre Moscow, Russia		
11 Jun 2015 - 12 Jun 2015 Pellets Industry Forum - Messe Munchen GmbH Munchen, Germany		
11 Jun 2015 - 13 Jun 2015 recycling aktiv - Airport		

Recycling Product News (print-April)



UP FRONT

INDUSTRY NEWS

Granutech-Saturn announces acquisition of Magnatech hammermill line

Granutech-Saturn Systems announced in March that it has acquired the comprehensive line of industrial hammermills and ringmills, formerly marketed under the Magnatech brand.

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grow the hammermill recycling systems business under its Saturn brand and position it for long term success and growth on a global scale. I'm excited to be an integral part of the next chapter."

The Saturn hammermill series features heavy-duty plate steel construction and will initially be available in 36-, 48- and 60-inch diameters, in a total of five different size configurations, featuring speeds of 900 to 1,200 rpm. The Saturn hammermill is engineered to excel in a variety of applications including non-ferrous and ferrous scrap metal recycling, as well as waste-to-energy, medical waste and bulky waste recycling applications. Units can shred non-ferrous materials at rates between 1 to 30 tons per hour.

McCloskey forms partnership with Volvo Penta on Tier 4 Final engines for crushers, screeners and trommels

Through a recently announced partnership with Volvo Penta, McCloskey International will install Volvo Penta D8, D11 and D13 Tier 4 Final engines on their range of mobile jaw, cone and impactor crushers, as well as the Volvo Penta D5 engine on the company's mobile screeners and trommels. Designed and built in Canada and Northern Ireland, McCloskey equipment is sold throughout a network of dealers worldwide.

"Being attuned to our needs is a key requirement for our partners," said John O'Neill, VP of sales and marketing for McCloskey. "Volvo Penta made sure the engines were perfectly suited to working in some of the harshest conditions worldwide, from the Arctic Circle to the heat of the outback in Australia."

Volvo Penta says their team of engineers worked closely with McCloskey's engi-

neering department, tailoring an engine package to fit McCloskey's unique needs, and customized its engine assemblies - which include heavy-duty cooling packages - for a perfect fit. The company also says their engines are ideally suited to the power needs and arduous conditions of crushing and screening applications due to their robust design, no-DPF/DOC Tier 4 Final Stage IV solution, providing high torque and power density.



WasteExpo 2015 set for Las Vegas in June, with expanded organics program, "heavy-hitting" speakers

Running from June 1st to 4th, 2015 at the Las Vegas Convention Centre, this year's WasteExpo 2015 will feature a lineup of "heavy hitting" keynote speakers, an expanded composting and organics program, annual investor's summit (which kicks off the show) and over 550 exhibitors, including manufacturers of equipment and technology, distributors, service providers, associations, recyclers and waste management professionals from around North America and abroad. This year's conference program, offering education and training, includes topics ranging from MRFs and organics recycling to waste-to-energy, landfill technologies and hauling.

With help from the National Waste & Recycling Association and Dr. Stuart Luckner, former director of the U.S. Composting Council, the third annual Composting & Organics Recycling Conference Track will be held.

keynote speakers Eric Herbert, CEO, Zero Waste Energy; Carla Castagnero, president, AgRecycle; and Dr. Sally Brown, research professor, University of Washington.

At the show's Heavy Hitters Keynote Panel, attendees will hear from industry CEOs, from Advanced Disposal, Progressive Waste Solutions, Waste Connections and Waste Management, for perspective on the latest trends, technologies and challenges facing the industry in recycling and disposal of solid, industrial and E&P energy waste. Plus, "Super Sessions" seminars will dig deep on the topics of safety and leadership development through expert panels and case studies.

Additionally, during WasteExpo 2015 the Environmental Research & Education Foundation (EREF) is holding a

Canada Fibers opens plastics recycling plant in Toronto

Canada Fibers Ltd. announced at the beginning of March that it is commissioning a new, technologically advanced plastics recycling plant named Urban Polymers. The new venture will focus on creation of pure, homogeneous plastic materials from post-consumer and post-industrial waste, using state-of-the-art equipment and additive formulations sourced globally. Urban Polymers will commence operations this spring at a 160 thousand square-foot facility located in northern Toronto.

During the initial phases of development, Urban Polymers will focus on production of polyethylene terephthalate (PET) flake material, as well as production of compounded polyethylene (PE) and polypropylene (PP) in pellet form. Urban Polymers says they will be capable of processing 25 million pounds per year of PET and 20 million pounds per year of PP/PE during the initial phases of development, representing a significant investment to recycling infrastructure in Canada.

Industrial division of Newalta becomes Terrapure Environmental


At the beginning of March, Terrapure Environmental began operations as a new stand-alone environmental services company. The new company is the result of the Calgary-based Newalta Group's decision to spin off its environmental services

SCRAP TIRE NEWS – Industry Spotlight (April)

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Industry Spotlight



SATURN

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- Grinders
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Saturn® Tire Recycling Systems

About The Industry Spotlight:
Each month our Industry Spotlight features a key player, product or service in the tire and rubber recycling industry. For more information click [here](#).

Industry Spotlight - April 2015

Granutech Saturn Systems

GRANUTECH-SATURN SYSTEMS (see us at ISRI-Vancouver BC – Booth #827)
Granutech-Saturn Systems is a world leading turnkey developer of tire recycling systems, including 2-stage to 3-stage and 4-stage, comprising the full offering of industrial machines including shredders, medium to high capacity grinders and granulators, powderizers, and refiner mills.

As a complete system provider, Granutech-Saturn Systems brings you:

- Leading edge, best-in-class tire recycling technology in an integrated system-level solution
- More than four decades' proven experience and customer satisfaction in systems design, development and supply
- Highest capacity systems (up to 10 tons tires processing per hour) with flexibility to process all tire types (OTR, truck, auto, farm, and more)
- Modular designs to allow expansion as markets dictate
- Extremely durable - highly reliable - high duty-cycle designs

Our systems deliver unmatched results in tire processing, including:

- Exceptionally clean crumb rubber even from auto tires (important as other suppliers request truck tire feed to make clean crumb as it has less fiber)
- Smallest powder from an ambient grind system, 30 mesh, 40 mesh, 60 mesh, and smaller!
- Highly automated controls for maximum machinery performance and monitoring
- Tight crumb rubber blend technology to meet stringent client requirements

Your system options include:

- 2-stage system - reduces whole tires to steel free mulch material or a low steel fuel quality material. System solution would typically include a Saturn shredder (dual or quad-shaft) plus our grinder (Saturn Grizzly Series- M80 or S80).
- 3-stage system - Would include granulator or a refiner mill. To produce large granulate, and then reduce to a 1-6 mm material output, add Saturn G-3 Granulator; for .5-3mm material output, alternatively add our Saturn G-4 refiner mill.
- 4-stage system - would reduce all material to 1-3mm by adding powderizer, or all under 1mm with the G-4 refiner mill.

For more details, please contact Granutech-Saturn Systems: ☎ 866-541-0035 FREE or visit us online at

American Metals Market Magazine

Something old, something new

Although the price differential between used and new equipment is as much as 40 percent or more, some scrap companies still prefer to buy new, even with current market conditions, while others are happy to grab the savings.

BY MYRA PINKHAM

T

The decision of when to buy equipment and what type of equipment a scrapyard should buy is never easy. Further complicating the matter is whether it makes more sense to buy new or used equipment.

Scrapyards have curtailed their investments in major pieces of equipment markedly over

the past six to nine months due to the weak market conditions permeating the scrap metals industry, especially in the ferrous scrap market, observed Daniel J. Shapiro, principal of Hilton Head Island, S.C.-based consulting firm DAS Enterprises LLC.

"Due to market conditions scrapyard margins are compressed, therefore, volumes are down. In this business environment, most companies are not looking to buy a lot of new equipment," although, perhaps they should consider doing so, he said. "It provides an opportunity for forward-looking companies to prepare for the future," for when the always-cyclical scrap metals market is once again on an upcycle.

Frank Giglio, general manager of Allied Scrap Processors Inc., Lakeland, Fla., however, played down the impact of the strength of the market on scrapyards' investment plans. "There is not necessarily a good time or a bad time to buy

equipment," he said. "It depends on your need and whether you can get a good deal. You need to take a long-term, not a short-term, view."

But it could be hard to look past fears that 2015 could be one of the worst years for the scrap market since 2008-09. "The mantra for most scrap processors is to just replace what they need to replace," said Donke, chief manager of operations for Tennessee Valley Recycling LLC, Decatur, Ala., said.

Depending on how long they last, those market conditions could result in an increased availability of good-quality used equipment with some scrapyards determining that it might not be cost effective to run some of their equipment at such low volumes, Shapiro said.

"That, in turn, could have a negative impact upon demand for new equipment, especially with the price differential between used and new equipment, which could represent as

difficult to find parts. "It is actually cheaper in the long run to buy new as we know it will run well. Downtime is our most expensive cost," he said.

Buying refurbished machines from equipment manufacturers is another lower risk way to venture into the used equipment world. Greg Wright, sales manager for Granutech-Saturn Systems, Grand Prairie, Texas, said that many of his customers prefer to buy new, possibly because they don't want to deal with someone else's problems. However, when things are tight they might look to buy used equipment that his company took in as a trade in and refurbished to get it in "like-new" condition.

Roberts warned that while Bud Roberts refurbishes its trade-ins as well, and returns to "reasonably good condition" or at least as good condition as can be expected with used equipment, they still aren't new. "But they are in good enough condition that we don't expect it to be returned."

Wright said it is the same for Granutech-Saturn. "While we do what we can to bring our traded-in equipment back to like-new condition, it still has some original components and nothing lasts forever. New equipment will always have a longer life than used equipment, even refurbished used equipment."

Another plus of buying refurbished equipment is that many manufacturers offer limited warranties while most other used equipment is sold "as is."



Granutech-Saturn sells primarily new equipment, although clients sometimes seek used equipment.

Finding reasonably priced, good-quality used equipment isn't as easy as it would seem. In fact, Ridall said when good quality used equipment becomes available it sells very quickly, usually within a week or so if it is fairly priced.

And even if the used equipment is in good condition, the buyer is still not its first owner, Constantino Lannes, president of material handling equipment producer Sennebogen LLC, Stanley, N.C., warned. "The equipment could

could add to the risk. "You get what you pay for and if you buy equipment cheap; you need to take the risk of the cost of repairing it," he said.

And even worse, some used equipment up for sale might not be safe to use or even worth repairing, Ridall said. "Prospective buyers need to do proper due diligence and inspect used equipment properly, or hire someone to do so for them."

Alan Ross Machinery's Ross said it is best to

American Metals Market (April)

day with no refueling break needed thanks to the electric drive. Material is gathered constantly from the surrounding smaller scrapyards, sorted and then loaded onto vehicles. The easy operation and high power reserves make the machine a reliable partner in everyday use. The drivers and managers are extremely satisfied with the service provided by the Polish sales and service partner Bax Baumaschinen GmbH.

"We decided together that the Sennebogen 818 was the optimal machine for our needs. The technicians are on-site quickly when needed and support our drivers and mechanics with all maintenance work—this is a key aspect, as we can't afford downtime," Rusiecki said.

GRANUTECH-SATURN ANNOUNCES ACQUISITION OF MAGNATECH HAMMERMILL LINE

Granutech-Saturn Systems, a world-leading manufacturer of industrial and mobile shredders and other recycling equipment, has acquired a comprehensive line of industrial hammermills and ringmills, formerly marketed under the Magnatech brand, and will manufacture them at its Dallas facility for global sales.

"In line with our history of strategic ac-

quisitions, the long-established and proven Magnatech line of hammermills provides us with the opportunity to complete our unique line of high-performance shredders and address a wider variety of material applications, and address additional customer and market needs," Matthew Morrison, Granutech-Saturn's newly appointed president, said. With hundreds of machines successfully installed and operating in the United States under the Magnatech brand, Granutech-Saturn will continue and improve on the line's legacy and will be manufacturing the Saturn hammermill line and selling and supporting it globally through its established network.

The Saturn hammermill series features heavy-duty plate steel construction, and will initially be available in 38-inch, 48-inch and 60-inch diameters, in a total of five different size configurations, featuring various speeds. The Saturn hammermills have several features designed to ensure product longevity. These include replaceable wear liners throughout shredding chamber, spider rotors for maximum grate coverage grate coverage, long-life alloy or manganese hammers and grate materials with optional hard-facing to increase cutting effectiveness, durability and life, Granutech said.

URR G-BALERS ARE AVAILABLE IN NORTH AMERICA

Unlimited Recycling Resources LLC (URR), is the exclusive distributor in North America for the G-Baler series manufactured by Taiwan's Godswill Machinery Co. Ltd. Chino, Calif.-based URR has sales offices across the United States and Canada.

G-Balers have been sold and installed in over 60 countries around the world. Their quality and durability have been proven for many years, a URR spokesman said. A number of features set them apart from other similar equipment, including: all models have tool steel shear knives as standard equipment; the auto-ties have a unique combination of hydraulics and electrical to achieve faster tie cycle times; cylinder and bale dimension sizes are appropriate for export on all models; feed opening sizes have been designed to maximize recycling requirements; efficient, modern hydraulic systems achieve unusual speed per horsepower, lowering electrical cost per ton; and a network of service providers covers customers' needs throughout North America.

Unlimited Recycling Resources has a combined total of over 40 years experience in the recycling industry.

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GRANUTECH-SATURN ACQUIRES MAGNATECH HAMMERMILL LINE

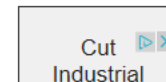
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"In line with our history of strategic acquisitions, the long established and proven Magnatech line of hammermills provides us with the opportunity to complete our unique line of high-performance shredders and more effectively address a wider variety of material applications, such as nonferrous," said Matthew Morrison, Granutech-Saturn's newly appointed president. With hundreds of machines successfully installed and operating in the U.S. under the Magnatech brand, Granutech-Saturn will continue and enhance the line's legacy. Granutech will be manufacturing the Saturn hammermill line in its Dallas-based vertically integrated 50,000 sq.ft. design, manufacturing and machining facility, and will be selling and supporting it globally through its established network of direct sales, distributors and agents.

Continuity for the line will further be ensured by Granutech's hire of Michael Graveman as one of its key account executives with regional responsibility for the metal recycling market. Graveman was president and chief sales executive at Magnatech Corporation for over 10 years.



Recycling Today/GE – online March 26 (linked from Newsletter)

PRODUCTS & EQUIPMENT

Granutech-Saturn acquires Magnatech hammermill line

Equipment company also adds Michael Graveman, former president of Magnatech, to its executive sales staff. [more](#)

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EQUIPMENT & PRODUCTS, INTERNATIONAL RECYCLING NEWS, METALLICS
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Recycling Today Staff
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The Saturn hammermill rotor.

With hundreds of machines installed and operating in the United States under the Magnatech brand, Granutech-Saturn says the acquisition will enhance the company's line of Saturn shredders.

Granutech will manufacture the hammermill line in its 50,000-square-foot design, manufacturing and machining facility in Dallas, with global sales and support through its established network of direct sales, distributors and agents.

In related Granutech news, the company says it has hired Michael Graveman, former president and chief sales executive of Magnatech, to ensure continuity for the company's expanded line of Saturn shredders and hammermills. Graveman will serve as a key account executive with regional responsibility for the metal recycling market, Granutech reports.

"It was time in Magnatech's strategic plan to consider outside options on how to most effectively and significantly grow the hammermill business and launch it in a new direction, while ensuring the product line's legacy," Graveman states. "With its established leadership position in the recycling market, Granutech's comprehensive and responsive manufacturing facility and onsite machining and design capabilities, sales channel and deep industrial shredder product portfolio make it uniquely positioned to design and grow the hammermill recycling systems business under its Saturn brand and position it for long-term success and growth on a global scale, and I'm excited to be an integral part of the next chapter."

Granutech notes that the Saturn hammermill series features heavy-duty plate steel construction and will initially be available in 36-inch, 48-inch and 60-inch diameters, in five different size configurations, featuring speeds of 900 to 1200 revolutions per minute (RPM).

The Saturn hammermills have several features designed to ensure product longevity, including replaceable wear liners throughout the shredding chamber, spider rotors for maximum grate coverage, long-life alloy or manganese hammers and grate materials with optional hard-facing to increase cutting effectiveness, durability and life, Granutech reports.

For added configurability, the units feature optional direct-drive or belt-drive motors from 150 horsepower to 1250 horsepower. Available as stand-alone units or as a fully integrated system, the Saturn hammermills can also be configured as ringmills, with configurable hammers, and are easy to install and integrate with other equipment, the company says. Auxiliary equipment includes conveyors, screeners, dust collection, magnets and other material handling components. Further downstream processing can be achieved by integrating additional equipment such as Saturn grinders, scrapers, powderizers and refining mills.

The Saturn hammermill is built for a variety of applications, including nonferrous and ferrous scrap metal recycling, as well as waste-to-energy, medical waste and bulky waste recycling applications.

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Recycling Today — online March 26 (ENewsletter)

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EQUIPMENT & PRODUCTS, INTERNATIONAL RECYCLING NEWS, METALLICS

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MARCH 24, 2015

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In addition to the hammermill's added configurability, the units feature optional direct-drive or belt-drive motors from 150 to 1250 horsepower. Available as stand-alone units or as a fully integrated system, the Saturn hammermills can also be configured as ringmills, with configurable hammers, and are easy to integrate with other equipment, the company says. Auxiliary equipment includes conveyors, crushers, dust collection, magnets and other material handling components. Further downstream processing can be achieved by integrating additional equipment such as Saturn grinders, granulators, classifiers and refining mills.

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Recycling Product News (3/25 newsletter)

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SHREDDING EXCELLENCE Now Includes Hammermills!

NEW! Saturn Hammermill, SideWinder, Comp-Sifter, Quad-Shaft

IROCK Crushers Offers Diesel-Powered Sidewinder Crusher



IROCK Crushers has responded to customer demand with the introduction of a diesel option for its line of SideWinder crushers. IROCK now offers the SideWinder-18 with a 350-horsepower Caterpillar C-9 diesel engine, which powers a 100-kilowatt generator for full on-board power. The power system is an alternative to the standard electric option.

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Granutech-Saturn Announces Acquisition of Magnatech Hammermill Line



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March 24, 2015



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Granutech-Saturn acquires Magnatech hammermill line

INTERNATIONAL, SUPPLIER NEWS

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Recycling Today Staff
MARCH 24, 2015



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Granutech-Saturn says Saturn hammermills can shred nonferrous metals of all sizes at rates between 1 to 30 tons per hour (TPH), offering high volume size reduction and low fines generation.

For more information on the new Saturn Hammermill, visit www.granutech.com/saturn-hammermill.html.

Recycling Product News (Jan/Feb)

www.orbiscorporation.com

SATURN DUAL SHAFT SHREDDERS FEATURE NEW "PATENT PENDING" HYBRID DRIVE FEATURE



Granutech has combined the best features of hydraulic and electric drive systems in a compact, integrated, energy-efficient, system for its Saturn line of shredders. Granutech's "patent-pending" hybrid-drive system provides the most energy-efficient and durable approach to powering single, dual or quad shaft shredders on the market today. Users can expect up to a 25% increase in efficiency compared to traditional hydraulic drives and up to 30% more production than equivalent horsepower hydraulic or electric drive shredders, in a footprint that is up to 50% smaller.

Granutech-Saturn System

www.granutech.com/saturn-dual-shaft-shredder

SHREDDER FEED ROLLS



Columbia Steel is a leading manufacturer of wear parts for auto and scrap metal shredders. From the smallest rotor caps to the largest rotor assemblies, Columbia Steel is a proven supplier to leading recyclers. The company's engineering staff works closely with maintenance supervisors to improve production and wear part life. Columbia Steel is a vertically integrated manufacturer, able to engineer, cast, heat treat, machine and

assemble the wide variety of wear-resistant parts needed.

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TEREX FUCHS PURPOSE-BUILT MATERIAL HANDLERS



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VECOPLAN IS THE WORLDWIDE LEADER IN SHREDDING & RECYCLING TECHNOLOGIES



Vecoplan designs, engineers & builds turnkey systems for all types of waste processing. These include systems that sort, separate & recover valuable commodities from waste, as well as systems that produce alternative fuel feedstock from waste. Capabilities include unloading of feed-stocks, pre-shredding, ferrous separation, conveying, screening, air classification, optical sorting, re-shredding, non-ferrous separation, testing stations, storage, & metered feeding. Contact us today. www.VecoplanLLC.com info@VecoplanLLC.com 336-861-6070.

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Environmental Expert –

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