

Fall Edition 2010 - Volume II

CM Europe - Installs New Stage One and Stage Two Processing for FDG, Sardinia, Italy



Two views of the CM4R Liberator being installed at FDG's new recycling plant.

CM Europe recently completed the installation and start-up of a stage one and stage two processing system as a part of a complete crumb rubber plant.

Stage one consists of the CM Primary Shredder. This machine is specifically designed to process European super single truck tires. Stage one will reduce whole tires to 6" x 6" or 300 x 300 mm tire shred.

Stage two introduces the CM4R Liberator. The Liberator processes the primary shred material into 18 mm minus product. The system is configured to extract clean steel that will also be sold to a recycler. All wire free rubber will be fed to additional equipment for sizing cleaning and screening.

The Collu family are natives of Sardinia, a beautiful island paradise off the coast of Italy. For many years the family business was a parts assembly plant for trucks and buses but as the times have changed they have redirected their focus and have come together and formed a new family owned and operated company called FDG Recycling and are now forging ahead in the tire recycling business producing a variety of crumb rubber products.

Sardina has a population of more than 6 million people

and prior to FDG contracting with the Italian government to become the sole tire recycler for Sardinia, there was no system in place for tire disposal and recycling. Now Giampaolo and his two daughters Frederica and Danielle are going green and doing their part in cleaning up the many tire piles on the island.

CM Europe headed up by Sales Manager, Martin Rots worked with the Collu family along with an Italian engineering firm to help in the design plan for the recycling facility.

FDG is producing both 1-3mm and 4-7mm crumb rubber for use as field turf and for molded rubber products such as floor matting and tiles.



CM - Multi Stack Primary Shredder assembled and testing in production.

CM Asia - Installs New Dual Speed Tire Shredder for OSUNG Resources Co., Korea



Osung Resources Co. President, SU-UI Lee standing in front of the newly installed CM Dual Speed Tire Shredder

CM Asia managed by Sales Mgr. Chris Aum of e & Resources of Korea recently completed the installation of a **CM Dual Speed Tire Shredder**, a stage one machine designed to process whole passenger, SUV and truck tires at a rate of 8-12 tons per hour. This CM Dual Speed is configured to produce a two inch tire chip to be used as Tire Derived Fuel (TDF) and sold to a local cement plant in Daegu located on the Korean Peninsula.

Daegu is a large city with a population of over two and

a half million people and Osung is planning to process 20,000 tons per year to support recycling efforts for this region.

Osungs's President SU-UI Lee is already a pioneer in the waste plastic treatment field and is currently the President of the Waste Plastic Association in Korea. Lee currently employs more than 50 people and now plans to acquire another factory to process end of life tires in another largely populated region and strives to be the top tire recycler for all of Korea.

CM has several installations currently in operation throughout Korea.



New CM Dual Speed on site in new Osung factory in Daegu City

By Land and By Sea - CM Ships Worldwide



A CM Dual Speed Tire Shredder on its way to the Port of Savannah for overseas transport to Korea

No matter where you decide to set up your operation CM has the experience and logistics knowledge when it comes to delivering your equipment safely and on time.

Our Sales and Customer Service Team works with trucking companies and international freight forwarders to schedule the best and most cost efficient means of transport available.



Conveyors and parts being packed in an open top 20' container for transport to England

Each of our machines are packed in open top containers with parts and accessories encased in custom made wooden crates for overseas shipping. Domestic orders are secured to low boy, flatbed trailers along with their crates for both long and short hauls throughout N. America.

CM has successfully delivered machines in both North and South America, Europe, and Asia.

CM Trade Show News

CM made the trip to Central America to exhibit at the Latin American & Caribbean Tyre Expo in Panama City, Panama - July 8-11, 2010.



Rick Colyar, Sales Manager for CM



ATLAPA Convention Center, Panama City



Birds eye view of the Caribbean from the top of the Sheraton Hotel in Panama City.



Manufacturers from throughout Central and South America and the Caribbean were in attendance.

Look for CM to be exhibiting this fall at:

- * The Rubber & Recycling Expo at the Sheraton Centre Hotel, Toronto, Ontario Canada, Sept 29-Oct. 1, 2010
- * CM is a sponsor for this years "Scrap-to-Profit" (STP) Conference at the Peabody Hotel in Little Rock, AR Nov. 3-4, 2010.
- * CM to exhibit with its Korean partner e & Resources at Reifen China at Shanghai New International Expo Centre (SNIEC) from 25-27-Nov-2010.

Did you know?

Producing one pound of recycled rubber versus one pound of new rubber requires only 29% of the energy.

Information provided by: Oberlin College Resource Conservation Team • recycle@oberlin.edu

New CM Box Swap Program is Big Success with Customers



Geocycle's Dual Speed Shredder cutter box and assembly being loaded on a flatbed on its way back to CM for a complete rebuild.

Earlier this year, CM introduced a new program that is quickly revolutionizing the way our customers run their business by minimizing costly equipment downtime with the **CM Box Swap**. Currently we offer a complete rebuild for both the CM Dual Speed and Chip Shredder box which includes both the cutter box and gear drive assembly.

Over the years and with thousands of hours of run time; shafts, bearings, seals and gears experience extensive wear and if overlooked can cause major problems or even stop operations completely. Before this happens, consider the box swap as a cost efficient alternative.

With proper planning, CM will deliver a newly rebuilt box to your location and remove your existing box and place it on the same truck that your new unit came in on. In the time it takes to remove the old box, place it on the trailer and pick up the new box from the same trailer and re-connect, you are back in business. On average, a planned Dual Speed swap re-assembly can be completed in 3-4 days and a Chipper swap in just one day.

Recently, Joe Collard of Geocycle in Colorado Springs, CO swapped his Dual Speed Shredder box out for a rebuilt unit and was quite pleased with the results. "From time of delivery of the rebuilt unit to being back into full production was just 4 days" says Collard. "CM sent a technician to assist with the swap which was a huge help and I was glad to have a CM tech on site for this type of installation" he added. Joe also gives credit to Scott Wilson, CM Customer Service Manager for all of his support and scheduling of the project.

To date, CM has rebuilt and delivered three "box swaps" and has orders for 2 more coming up for end of year delivery.



Completed dual speed box swap ready to be shipped.

CM Historical Fact - Tire Shredder #1 built and delivered in 1983 to Emanuel Tire Co. is still hard at work in Baltimore, MD.

CM Cover Shots!

CM made the front cover of two major industry publications this summer. In July, CM and the new 2R Liberator made the cover of *Scrap Tire News*.

On the other side of the pond, CM was the cover shot and feature for the August edition of the UK's - *Tyre & Rubber Recycling*.



CM Appoints Joshua Spalding as New Engineering Manager



Josh on site at CM testing the performance of the new CM2R Liberator

In June of this year Joshua Spalding replaced the now retired David Stuhlmler as the new Engineering Manager for CM.

Josh is a native of Southwest Florida growing up in Port Charlotte. He is a graduate from The University of Central FL where he earned his degree in Mechanical Engineering. After graduation he was recruited to be part of a start-up team for the design and construction of a power plant in Central California. Upon completion of

the project Josh found a position closer to home and went to work for Supertrak in Punta Gorda, FL as an OEM for CAT designing “mulching heads” to custom fit on CAT tractors used for tree and land mitigation.

In 2006 Josh was offered the position of Design Engineer for CM Sarasota. After a year and a half in the position, Josh was promoted to Senior Design Engineer and remained in that position until moving into the management role earlier this summer. Josh’s accomplishments are extensive and he has been successful with redeveloping the second generation CM4R Liberator and worked as the lead designer for the new CM2R Liberator and new CM Primary Hook Shredder.

As Engineering Manager, Josh has a new scope of responsibility in addition to the design work. This includes managing all functions of the engineering department and he will become more involved with both new and existing customers when it comes to initial design, customization and troubleshooting for installations worldwide.

When not working, Josh enjoys golf, boating, fishing and spending time with his family. Josh is married to wife Melanie and they have a daughter Shaylah who is 3 and they are pleased to announce the arrival of a new child due the end of November.

CM Celebrates Birthdays & Anniversary’s

Happy Birthday to:

Rick Taylor - Aug. 17th
 Kenneth Jones - Sept. 5th
 Joseph Blodgett Sept. 18th.
 Andrey Kanarskiy Oct. 3rd.
 Richard Dietch - Oct 15th.
 Samuel Ortiz - Oct. 18th

Happy Anniversary to:

George LaGrange August 4th 2 Years
 Ziggy Kotlarczyk August 6th 37 Years
 Jeff Crandall August 11th 23 Years

Fabian Lanham	August 17th	23 Years
Charlie Astafan	August 19th	19 Years
Steven Gasper	August 24th	18 Years
Scott Wilson	August 24th	23 Years
Darin Bushong	August 27th	3 Years
Joesph Blodgett	September 21th	1 year
Bob Liptrot	September 24th	8 years
Steven Williams	October 5th	1 year
Andrey Kanarskiy	October 5th	1 year
Bob Weng	October 11th	11 years
Todd Moran	October 27th	13 years
Richard Colyar	October 31st	27 years