

SolidWorks Software Helps Metso Texas Shredder Quickly Hammer out Durable Products; Texas Company's Machines Can Pulverize More Than 300 Cars an Hour.

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CONCORD, Mass. -- Metso Texas Shredder, Inc. is using SolidWorks(R) software to design powerful machines that grind up automobiles, refrigerators, and other metal products in seconds. SolidWorks enables the company to cut design time in half, reduce errors, and streamline custom retrofit part development.

The largest shredder manufacturer in the country, Metso Texas Shredder builds machines for metal recycling facilities around the world. Its shredders use heavy hammers spinning on a rotor at up to 600 RPM to fragmentize a whole car into fist-sized pieces in 10 seconds. The machines must be durable to process more than 300 cars an hour and handle dense unshreddable pieces that are fed into the shredder. The company standardized on SolidWorks to design all of its custom replacement parts.

"SolidWorks allows us to quickly and accurately perform design analysis including parts weight and center of gravity calculations to ensure our machines will continue to perform as expected," said Metso Texas Shredder Design Engineer Felipe Gonzalez. "With our 2D software, we had to calculate each part's weight by hand to get a rough estimate. We also had to redraw designs to incorporate changes. SolidWorks saves time by giving us exact weight figures and automating design changes."

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Vibration and constant use take a toll on shredders. The company uses SolidWorks to ensure the accuracy of existing designs and accelerate development of new designs. The software automates weldment creation so engineers can quickly and accurately design metal joints that will withstand the fierce shocks from the shredding process.

According to Gonzalez, using SolidWorks has reduced design time from four weeks to two. Intuitive tables allow engineers to plug in different part specifications to accelerate customization. Engineers also use SolidWorks to create compelling 3D models of its products for sales presentations and internal project reviews for management.

"There are few mechanical environments as demanding as the inside of a metal shredder," said SolidWorks Vice President of Worldwide Marketing Rainer Gawlick. "Everything from the four-inch thick walls to the manganese hammers must be exact. Using SolidWorks ensures engineers design Metso Texas Shredders to last longer and meet all production requirements."

Metso Texas Shredder relies on authorized SolidWorks reseller MLC CAD Systems, Inc. for ongoing software training, implementation, and support. To view one of the company's shredders in action, click here: <http://blogs.solidworks.com/mediapodcasts/2006/05/post.html>.

About Metso Texas Shredder

Metso Texas Shredder is part of Metso Minerals, the world's leader in the manufacture of process machinery and metal recycling equipment with the largest installed customer base of shredders throughout the globe. The Metso acquisition adds substantial resources to the previous Texas Shredder, which was positioned as the market leader in North America for sales of shredder systems, prior to its integration. For more information, visit the Web site (www.texasshredder.com).

About MLC CAD Systems, Inc.

MLC CAD Systems, Inc. provides affordable, easy-to-use engineering and manufacturing solutions to companies and educational institutions throughout the Southwestern United States and Mexico. MLC's success is a direct result of combining experienced professionals with a mission of providing "Unbeatable Service" to a vast array of design and manufacturing clients. With offices in Austin, Dallas, Houston, New Orleans, Stillwater, Okla., Jackson, Miss., Huntsville, Ala., and Phoenix, MLC provides its complete engineering to manufacturing solution to clients throughout the South Central U.S. and Mexico. For more information on MLC, visit the company's Web site at (www.mlc-cad.com) or call +1-800-364-1652.

About SolidWorks Corporation

SolidWorks Corporation, a Dassault Systemes S.A. (Nasdaq: DASTY, Euronext Paris: #13065, DSY.PA) company, develops and markets software for design, analysis, and product data management. It is the leading supplier of 3D CAD technology, providing intuitive, high-performing software that helps product design teams develop great products. For the latest news, information, or an online demonstration, visit the company's Web site (www.solidworks.com) or call 1-800-693-9000 (outside of North America, call +1-978-371-5000).

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