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THE **BIGGER** THEY COME

As competition for feedstock continues to be intense, some auto shredders are changing hands, while smaller shredders have become more prevalent.

hen Recycling Today last published its U.S. auto shredder list in 2012, scrap processors in the nation reported shredding capacity additions, and competition for automobile hulks grew with the total number of auto shredder installations. The intense competition described by processors at the time still is prevalent in the industry today.

More than 40 auto shredders have closed since Recycling Today last published its auto shredder list, which we update every two years. Of those closures, nearly 90 percent represent shredders with rotors measuring 104 inches in width.

We have identified 297 shredder installations in the U.S., two of which are idled temporarily. Five shredders not included in the total figure are proposed installations.

Including shredders located in Canada as well as in Mexico, the shredder count in North America jumps to 325.

The shredders running today range in size from relatively small, "mini" 1,000-horsepower models to 10,000-horsepower "mega" shredders. Sources say mini shredders are more commonplace today, as the larger shredders typically did not run at 50 percent capacity, let alone at 100 percent capacity.

Two years ago, the U.S. auto shredder list topped the 300 mark, though seven of the plants included in that list were proposed installations for the upcoming year. More than 20 of the shredders listed in 2012 were idle at the time of publication, some of which have been shuttered completely since, while others are up and running again, largely because they were acquired by larger companies.

STATE BY STATE

Texas again tops the list in terms of the U.S. states with the largest number of auto shredders at 26, despite the fact that it lost four shredders to closures over the past two years, The cities of Brownsville and Houston each house three shredders.

With 16 shredder operations each, Ohio and Florida share the No. 2 spot in terms of number of auto shredders currently in operation. The Ohio cities of Canton, Columbus and Toledo each are home to two shredder installations.

Pennsylvania dropped to third place in 2014, with 15 shredder locations.

New York state had the most shredder shut downs, with six shredders no longer in operation, while the Northeast saw the most regional closures, with 13 shredders shuttered.

In addition to Brownsville and Houston, Baltimore and Peoria, Illinois, also have three shredders running today, while 25 U.S. cities have two shredders in operation.

CONSTANT COMMITMENT

One factor contributing to the large number of shuttered shredders in the last two years, sources say, is the proliferation of auto shredder installations in recent years, further increasing overcapacity and competition for available feedstock.

Danny Rifkin, CEO of MetalX LLC, Waterloo, Indiana, says several businesses attempted to grow their companies by investing in a new shredder, without considering the associated costs and total investment involved in such a decision.

"It's entering a business that takes a commitment other than buying a machine," Rifkin says of the decision to add an auto shredder to a yard.

Consolidation is another factor contributing to shredder closures, says steel industry veteran John Harris, CEO of Canadabased metals sector information service Aaristic Services Inc. Large steel operations have been buying shredding companies, shutting them down and directing their feedstock to other shredders they own, he explains.

A look at our 2014 auto shredder list shows various acquisitions by Gerdau, with North American headquarters in Tampa, Florida; David J. Joseph Co., Cincinnati; and SA Recycling LLC, based in Orange, California, among a number of other companies.

Chicago-based metals recycling company Scrap Metal Services (SMS), for example, purchased 360 Degree Metal Recycling's auto shredder and full-service scrap metal facility in September 2014.

New Carlisle, Indiana-based 360 Degree Metal Recycling was included in our October 2012 feature on the auto shredding landscape, "Too Much of a Good Thing," and owner Randy Schlipp had said at the time that the 80-by-104 American Pulverizer shredder, including a downstream sorting system, his company installed at a greenfield site would be a success.

Two years later, however, that shredder and yard have been acquired by SMS, which was founded in 2005 by Jeffry and Richard Gertler. SMS says the newly acquired facility is strategically located, allowing the company to cost-effectively transport shredder feedstock, including vehicles and obsolete scrap, from its nine Northwest Indiana and Chicago retail facilities and auto parts operations.

FIERCE COMPETITION

Intense competition continues to affect business, sources say. Taking in heavier steel scrap as well as additional types of mixed scrap and maintaining sophisticated shredders with nonferrous systems are valuable steps to take to increase the capabilities of existing shredders, according to sources. **rt**

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2014 AUTO SHREDDER MAP AND LIST

The Recycling Today Media Group has been trying to locate auto shredding plants operating in Canada. If you know of shredding plants operating in Canada, please contact Recycling Today Associate Editor Megan Workman at mworkman@ gie.net or at 216-393-0298.

ALBERTA

Calgary . Metals Navajo Edmonton <u>Sherwood Park</u> BRITISH COLUMBIA **Richmond** Richmond Steel Recycling (Sims Metal Management) <u>Surrey</u> Steel (dba Amix Recycling) MANITOBA <u>Selkirk</u> erdau Ameristeel Corp. Winnipeg General Scra Industrial Metals NEW BRUNSWICK West Saint John American Iron & Meta **ONTARIO Brampton** Triple M Meta Hamilton Scrapmer Triple M Metal (2) **Kingston** Kimco Steel Sales Ltd Mississauga Ottawa et (ArcelorMittal Ottawa) Sault Ste. Marie Triple M Metal Smith's Falls and Meta Thunder Bay Lakehead Scrap Metals Whitby Gerdau Ameristeel Corp QUEBEC La Prairie Arcelori\ <u>Laval</u> SNF (American Iron & Metal) <u>Longueuil</u> Sainte-Catherine Associated Steel Industries

SASKATCHEWAN

<u>Regina</u>

Wheat City Metals Saskatchewan

BN Steel & Metals Inc.

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<u>Tijuana</u> cling (Deacero) Baja Recycling <u>Chihuahua</u> Kalischatarra s de rl de cv (jv with Liberty Iron & Metal)

MEXICO

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ALABAMA	CONNECTICUT	HAWAII	Morristown	<u>Topsham</u>	Flowood	North Chili	OKLAHOMA	Spartanburg	<u>Stephenville</u>
Albertville	North Haven	Kapolei	Integrity Metals New Carlise	Grimmel Industries	General Recycling (Nucor Corp.)	Union Scrap Processing Owego	<u>Arkoma</u>	OmniSource Corp.	Erath Iron & Metal Vinton
	Sims Metal Management –	Schnitzer Steel	Scrap Metal Services (SMS)	MICHIGAN	Greenville	Upstate Shredding –	Yaffe Cos.	TENNESSEE	ArcelorMittal
Progress Rail Services Birmingham	North Haven	Industries Inc.	<u>Rochester</u>		Sims Metal Management –	Weitsman Recycling	<u>Durant</u>		<u>Waco</u>
Steel City Recycling Calera	South Norwalk		Rochester Iron & Metal	<u>Detroit</u>	Greenville	<u>Rensselaer</u>	Durant Metal Shredding	<u>Chattanooga</u>	M. Lipsitz & Co. Inc.
<u>Calera</u>	LaJoie's Auto Wrecking Co.	IOWA	<u>Waterloo</u>	Strong Steel Products	<u>Sardis</u>	Rensselaer Iron & Steel Inc.	Oklahoma City	PSC Metals Inc.	<u>Waxahachie</u>
Circle K Scrap Metal	<u>Stamford</u>		MetalX	(a div. of Ferrous Process-	Martin Bros. Scrap Metal	Rochester	Derichebourg Recycling	Cornersville	Oak Cliff Metals
Decatur	Rubino Brothers Inc.	Council Bluffs	KANCAC	ing & Trading)	MONITANIA	Upstate Shredding –	USA	Harmon Scrap Metal	LITALI
Tennessee Valley Recycling	FLORIDA	Alter Metal Recycling	KANSAS	Ferrous Processing &	MONTANA	Weitsman Recycling	Standard Iron &	Halls	UTAH
Mobile Alter Metal Recycling	FLORIDA	Davenport Aleris International	Hutchinson	Trading (FP&T) <u>Flint</u>	Billings	NORTH CAROLINA	Metal Co. Inc. <u>Tulsa</u>	Hutcherson Metals (2) <u>Harriman</u>	<u>Plymouth</u>
Phenix City	<u>Apopka</u>	(Nichols Aluminum)	Midwest Iron &	Fritz Enterprises of Flint	Pacific Steel & Recycling –	North CAROEINA	CMC	PSC Metals	Western Metals Recy
Newell Recycling Southeast		Alter Metal Recycling	Metal Co. Inc.	Gaylord	Lockwood	<u>Charlotte</u>	Yaffe Cos.	Jackson	(David J. Joseph Co
Tuscaloosa	Arcadia	Des Moines	Kansas City	A & L Iron & Metal Co.		Southern Metals Co. Inc.		Gerdau Recycling	Salt Lake City
Liberty Recycling	Allied Recycling	Alter Metal Recycling	Advantage Metals Recycling	Grand Rapids	NEBRASKA	<u>Garner</u>	OREGON	Hutcherson Metals	Western Metals Recy

ARKANSAS Lowell North Little Rock Tenenbaum Recycling Group (TRG) Rogers Tenenbaum Recycling _Group (TRG) Rogers Texarkana Tri-State Iron & Metal Co. ARIZONA

<u>Baldwin</u>

Pull-It

ovanta Dade

Fort Myers

<u>Davie</u>

LKQ U-I Doral

Miami

<u>Opa Locka</u>

(Grimmel)

Pensacola

<u>Tampa</u>

Athens

<u>Covington</u>

<u>Doraville</u>

of Gwinnett East Point

<u>Savannah</u>

of Savannah

<u>Glendale</u> uthwest Metal Industries Phoenix Liberty Iron & Metal Southwest SA Recycling Tucson SA Recycling HVF West LLC

CALIFORNIA

<u>Anaheim</u> Bakersfield SA Recycling Colton Auto Inc. Long Beach SA Recycling (Terminal Island) <u>Oakland</u> Schnitzer Steel Industries Inc. Redwood City Sims Metal Management – Redwood City San Diego Ecology Auto Inc. Stockton Universal Service Recycling COLORADO

Denver Evraz Recycling Englewood All Recycling Inc. Western Metals Recycling (David J. Joseph Co.) <u>Greeley</u> Andersen's Sales & Salvage Pueblo American Iron & Metal

Mason City Gerdau Ameristeel Behr Iron & Metal Monona ounty Recycling Clayton Count Sioux City Sioux City Compressed Steel Co. Garden Street Iron & M Jacksonville Commercial Metals Co. Iron & Metal Spencer s. Corp. Shine Bros. Waterloo Iter Metal Recycling Recycling (CMC) Wilton Ferrous Processing & Trad-ing (FP&T) – Florida Ocala Gerdau **IDAHO** Trademark Metals Recycling (David J. Joseph Co.) **Mayfield** Pacific Steel & Recycling rademark Metals Recycling ILLINOIS (David J. Joseph Co.) Orlando Trademark Metals Recycling (David J. Joseph Co.) <u>Alton</u> Azcon Corp. Bellwood Port Manatee Scrap Metal Blue Island Scrap Metal Services (SMS) Nonferrous crap Inc. (a subsidiary of GSI Recycling Inc.) Pompano Beach <u>Chicago</u> General Iron Industries Inc. Sun Recycling – Southe _Waste Systems Sims Metal Management* Sims Metal Management – Rockledge Trademark Metals Recycling Paulina St. East St. Louis (David J. Joseph Co.) St. Louis Auto Shredding (a div. of Pielet rademark Metals Recycling Bros. Trading) (David J. Joseph Co.) <u>Lemont</u> t Scrap Processing **GEORGIA** <u>Peoria</u> Allied Iron & Steel Behr Iron & Metal (2) Rockford ce Corp. Behr Iron & Metal South Beloit etal Recycling Behr Iron & Metal Newell Recycling <u>Sterling</u> Cimco Zion Resources Inc Lawrenceveling LLC Lawrenceville Newell Recycli Columbus Corp. INDIANA Newell Recycling Southeast Lithonia Encore Recycling Metter Allied Metal Recycling **Bedford** ecveling dford F <u>Evansville</u> (Scrap Partners LLC) Pembroke Trockman & Sons Inc. Fort Wayne ann Car Crushing urce Corp <u>Gary</u> Summit Inc. Indianapolis Georgia Recycling LLC Newell Recycling OmniSource Corp

d J. Joseph Co.) <u>Holland</u> <u>Wichita</u> Padnos Iron & Metal Midwest Scran Jackson Management Glickman Metal Recycling (part of Yaffe Cos.) <u>Kalamazoo</u> **KENTUCKY** Kingsford <u>Ashland</u> ansbach Metal Co Lansing Glasgow Padnos Iron & Metal <u>Pontiac</u> Mid-State Recycling Co. Louisville Ferrous Processing & Trading (FP&T) Industrial Services Saginaw 3 8 1 of America **River Metals Recycling LLC** Rifkin Scra (David J. Joseph Co.) Iron & Metal Co. Newport <u>Taylor</u> River Metals Recycling LLC Fritz Enterprises Inc. **Warren** (David J. Joseph Co.) LOUISIANA Baton Rouge Southern Recycling (a_div. of EMR) <u>Anoka</u> Iter Metal Recycling <u>LaPlace</u> ArcelorMittal Recycling Monroe Brainerd Crow Wing Duluth hred of Louisiana New Orleans Southern Recycling (a div. of EMR) Port Allen Alliance Steel Service Southern Recycling EMR) (a div. of EMR) <u>New Úlm</u> New Ulm Steel & MASSACHUSETTS Recycling Inc. St. Paul <u>Greenfield</u> Gerdau St. Paul WTE Recycling Inc. Everett Schnitzer Steel – Everett Farmington MARYLAND crap'N Festus Baltimore <u>Kansas City</u> Baltimore Scrap Corp. Recovermat (a div. of EMR) United Iron & Metal (part of Atlantic Recycling Group) Capitol Heights Midwest Scrap Managemen Springfield Joseph Smith & Sons Inc. (a div. of EMR) Springfield II St. Louis Hagerstown Conservit Inc. PSC Metals MAINE **Berwick** Berwick Iron & Metal <u>Corinth</u> SMC Recycling

s Iron & Metal <u>Columbus</u> Alter Metal Recycling (Co-lumbus Metal Industries) Kearney Alter Metal Recycling rce Corp. Andersen Wrecking Norfolk Kalamazoo Metal Recyclers Alter Metal Recycling der Iron & Metal **NEVADA** Las Vegas SA Recycling **NEW HAMPSHIRE** <u>Concord</u> Schnitzer Northeast – Concord SLC Recycling LLC (Ferrous **NEW JERSEY** Processing & Trading) Camden MINNESOTA len Iron & Metal Inc. Clifton Parkway Iron & Metal (Park Stein Inc.) <u>Jersey City</u> Sims Metal Management – Wing Recycling **Claremont Terminal** Millville Bay Side Recycling Corp. Minneapolis Aluminum Recycling Enterprises LLC Northern Metal (a div. of Cumberland Recycling Corp. <u>Trenton</u> Trenton Iror and Metal Corp. NEW MEXICO MISSOURI Albuquerque Albuquerque Metal Recycling **NEW YORK** <u>Albany</u> Advantage Metals Recycling Upstate Shredding -(David J. Joseph Co.) Weitsman Recycling Bronx letal Management Sims N Brooklyn d Iron & Metal LLC Brooklyn Resource overy Inc. Grossman Iron & Steel **Buffalo** Depew MISSISSIPPI Twin Village Recycling Medford Gershow Recycling

TT&E Iron & Metal <u>Gastonia</u> Greensboro Kelford -mpire Recycling Kernersville iSource Corr <u>Monroe</u> Greer Recycling Rocky Mount Recovery) Recycling Smithfield niSource Corp Statesville Wilmington **Omnisource** Corn OHIO <u>Akron</u> <u>Canton</u> PSC Metals Slesnick Iron & Metal Cincinnati <u>Cleveland</u> Ferrous Processing & Trading (FP&T) Columbus **PSC Metals** Dayton Girard (LNM Holdings) Mansfield Miamisburg Cohen West Carrollton Toledo Cohen Wooster PSC Metal <u>Youngstown</u> Metalico Young

Eugene Metal Recycling Services Recycling <u>Portland</u> (David J. Joseph Co.) Schnitzer Steel Portland Rivergate Scrap Metals D.H. Griffin Wrecking Co. Vancouver Metro Metals Northwest Inc PENNSYLVANIA Metal Recycling Services (David J. Joseph Co.) Reidsville **Beaver Falls** PSC Metals Inc Coatesville Coatesville Scrap Iron & RMR (Regional Materials Metal <u>Erie</u> Liberty Iron & Metal Co. Harrisburg Consolidated Scrap Gordon Iron & Metal Co. Resources Morrisville ms Metal Management New Castle Upstate Shredding Weitsman Recycling Philadelphia & Salvage Co. S.D. Richman Sons Inc. **Plainfield Township** Schuylkill Haven U.S.S. Achey Inc. Temple Garden Street Iron & Metal Royal Green LLC/AMG Resources (2) West Mifflin Wilkes-Barre Columbus Auto Shredding DMS Shredding Williamsport ranklin Iron & Metal Corp. Penn Recycling York J & K Salvage Interstate Shredding LLC **RHODE ISLAND** <u>Johnston</u> Schnitzer Stee Industries Inc OmniSource Corp. Toledo Shredding LLC (ProTrade Steel Co. Ltd.) West Carrollton Sims Metal Management SOUTH CAROLINA **Darlington** gton Shredding Co. Dillon Lockamy Scrap Metal Inc. Holly Hill Don's Car Crushing Lexington Commercial Metals Co. Recycling (CMC)

Auto Shredder List and Map

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Johnson City OmniSource Corp Knoxville SC Metals (2) Memphis Sims Metal Management Memphis Monroe cling LLC <u>Morristown</u> Morristown S Nashville PSC Metals Southern Recycling LLC Pulaski Tennessee Valley Recycling TEXAS <u>Abilene</u> eet Salvage Pine St **Amarillo** cycling Co. Inc. marillo Re **Brownsville** All Star Shredding (Scrap Metal Services) ESCO Marine Wilkinson Jim Iron & Metal Commercial Metals Co. Recycling (CMC) Dallas CMC Recycling Liberty <u>Donna</u> Metal Recycling Eagle Pass Newell Recycling Co. Edinburg Rio Grande Valley El Paso Fort Worth achman Iron & Metals Houston Derichesbour Recycling USA Rose Metal Processing Texas Port Recycling (David J. Joseph Co.) Kennedale Hawk Stee Laredo

ns Inc

Lynchburg Sims Metal Management der Inc. (Operated); Gerdau (Owned) Petersburg Richmond ith Iron and Meta Rocky Mount OmniSource Corp WASHINGTON Seattle eattle Iron & Metals Corp. Tacoma Schnitzer Stee Industries Inc. <u>Vancouver</u> Eau Claire Green Bay United Milwaukee Scrap Inc. Newton B&B Metal Pro **Waukesha** Benwood

(David J. Joseph Co.; 2)

VIRGINIA

stries Inc

Chesapeake Sims Metal Management

<u>Lorton</u>

Javis

Wilkinson Gary Iron & Metal Lubbock Jarvis Metal Recycling Midlothian Gerdau Recycling (Star Recycling) San Antonio Monterrey Iron & Metal (2) <u>Seguin</u> Commercial Metals Co.

Recycling (CMC)

Pacific Coast Shredding WISCONSIN Alter Metal Recycling Fond Du Lac Sadoff Iron & Metal Co. Alter Metal Recycling Madison Alter Metal Recycling Milwaukee Alter Metal Recycling Metal Processing Co. Waukesha Iron & Metal WEST VIRGINIA

Automatic Recycling (Strauss Industries) **Princeton** Recycle West Virginia

> *Indicates idled shredder at time of publication