

# Beyond SAFETY

MCM MANAGEMENT CORP. APPRECIATES THE SAFETY FEATURES OF ITS SENNEBOGEN MATERIAL HANDLERS AND SO MUCH MORE.

**B**loomfield Hills, Michigan-based MCM Management Corp., listed as one of the Top 10 demolition contractors in America, had not expected to change its choice of hydraulic material handlers. But when the company's preferred model was discontinued by the manufacturer, MCM Management's Fleet Manager Dan Perry found that his search for a suitable replacement also took his company's operations a step forward in safety.

MCM specializes in large scale demolition projects, such as auto manufacturing plants, stamping plants and steel mills.

Perry and the owners of MCM Management, Rob and Dave Mardigian, agreed to put their first Sennebogen 825 M to the test at the site of the former General Motors stamping plant in Grand Rapids, Michigan. The men say they were pleased with the material handler's ability to move in and out of the press plant to perform various cleanup tasks.

Sennebogen has been a leading name in the global material handling industry for more than 60 years. Based in Stanley, North Carolina, within the greater Charlotte region, Sennebogen LLC offers a complete range of purpose-built machines to suit virtually any material handling application. Established in America in 2000, Sennebogen LLC has become a leading provider of specialized equipment solutions for recycling and scrap metal yards, barge and port operations, log-handling,



With up to 1 mile to travel between work zones at the Sparrow's Point demolition site, Sennebogen's wheeled material handlers move quickly to keep material flowing for MCM Management.

transfer stations and waste facilities from coast to coast.

A growing network of distributors supports the material handler manufacturing company with sales and service across the Americas, which is designed to ensure the highest standard of professional machine

support and parts availability, according to Sennebogen.

MCM Management quickly discovered that in addition to its new material handler's agility and versatility, the machine also offered several equally impressive features, including:

- great visibility to the work zone;
- the stability of the cab, whether raised or lowered;
- rear and side camera systems to see blind spots;
- a railing system on the top of the machine's engine housing;
- a sliding door for ease of access to the cab; and
- a permanent catwalk beside the cab.

#### SAFETY FEATURES SET THE PACE

As Perry reports, "The 825 gives us an unparalleled level of safety to protect the operator and maintenance crews.

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— DAN PERRY,  
MCM MANAGEMENT

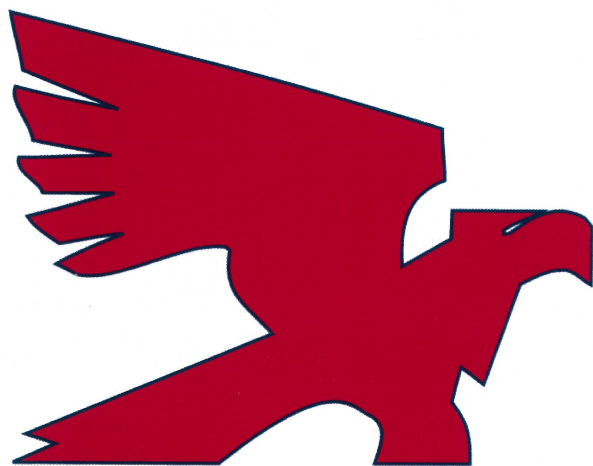
"The operators' input to us was that they really liked having these cameras and they feel that they provide them with an extra level of safety."

Perry continues, "Sennebogen does a great job with their catwalks and cameras, so we took that and adapted it and, where possible, customized our other machinery as well."

Along with the guarding that Sennebogen includes as standard equipment on its material handlers, Perry says the machines' autolube feature also contributes to their safety, as operators and technicians now spend less time walking on and around them for servicing.

According to Perry, MCM has been retrofitting its large fleet of heavy equipment, including demolition excavators up to 250,000 pounds, large dozers and water trucks, with similar hand railings.

"There are so many hazards in this field of work; Sennebogen recognizes it, and we're looking at our equipment the same way," he explains.



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**EQUIPPED FOR MAJOR PROJECTS**

Since MCM Management acquired its first 825 M wheeled material handler, its fleet of Sennebogen machines has expanded considerably. Today, most of the company's green machines are at work on one of the nation's largest-ever demolition projects: the decommissioning of the 3,500-acre site of the former Sparrows Point steel mill in Maryland.

Half-way into an estimated three-year undertaking, MCM Management will dismantle 20 million square feet of roofed mill facilities in 75 structures.

The company says it will recycle 98 percent of the material recovered from the Sparrows Point decommissioning project, with only the asbestos and other regulated wastes going for secure disposal.

While the 64,000-pound, 825 M models take on a wide variety of cleanup and pick-and-carry duties, MCM also has added a few larger machines from the same manufacturer, including the 123,000-pound 840 M and the 135,000-pound 850 M.

"The 850 is our superstar," says Perry. "We use it to load ships and barges and [to] load quarry trucks as well, while the 840 is pretty much dedicated to rail."

All of the material handlers are equipped with magnets, mostly in 69-inch to 72-inch diameters.

Perry says he works closely with the Sennebogen dealer in Michigan, Alta Equipment, to build and maintain MCM Management's material handling fleet. "We have a technician from Alta come through once a month to go over every machine, front to back," he says.

Perry continues, "If I have a situation, Alta just brings in another machine, and I virtually lose no downtime."



Sennebogen's standard design with guarded catwalks, railings and safety cameras inspired MCM Management to retrofit its entire equipment fleet to a similar standard.

"They take the unit in and since they have the repair parts in stock, I get the unit back quickly," he adds.

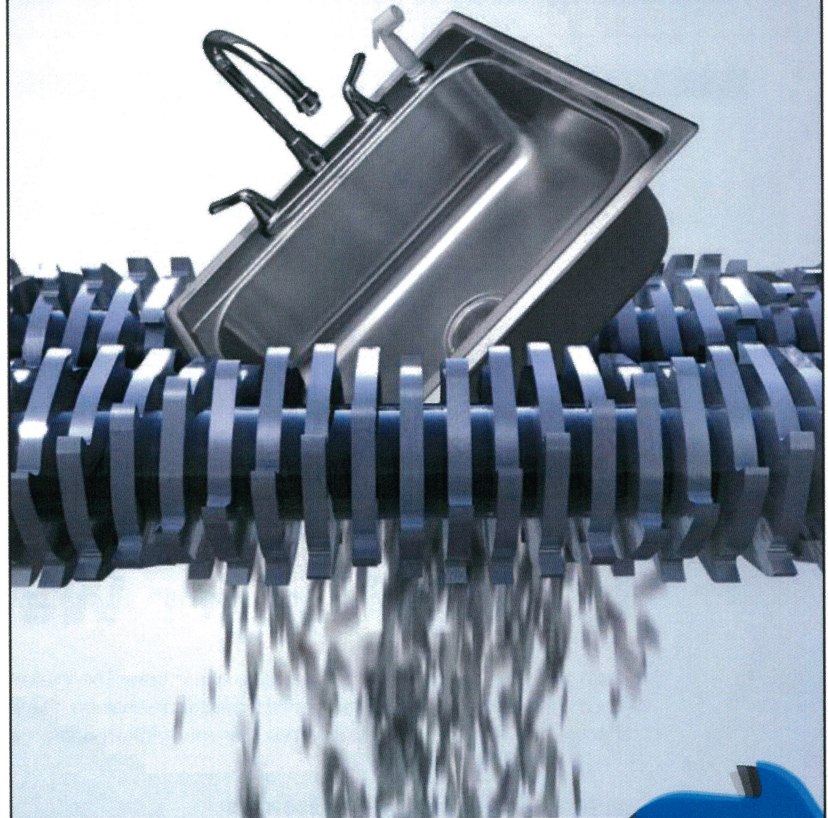
**MOBILITY AND TRANSPORTABILITY**

Mobility is a recurring theme when Perry talks about his material handlers. On large

sites where a crawler-based machine could take all morning to move from one job to the next, the wheeled machines make the trip in just five or 10 minutes.

Simply getting the scrap handlers to the project site was also a major factor in MCM's decision to go with Sennebogen

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### Swiss recycler adds Sennebogen 835 Electro

E. Flückiger AG, based in Rothrist, Switzerland, has purchased a Sennebogen 835 Electro mounted on a rail undercarriage. E. Flückiger AG specializes in building demolition and processing of steel and metal scrap.

The E-Series Sennebogen 835 has been in use at the Rothrist scrap yard since mid-2013. For this application, the material handling machine was mounted on a rail undercarriage in the factory, making it possible to more easily place the machine on the company's existing rail section, Sennebogen reports.

Powered by a 400-volt electric motor, the 835 E-series is designed to be energy-efficient, Sennebogen says. The unit is built to offer operating and service cost savings of up to 50 percent relative to conventional diesel machines, according to Sennebogen. Power is supplied via a laterally attached cable drum, designed so the machine can be moved over a length of up to 55 yards.

E. Flückiger uses the material handler to sort delivered scrap by type into storage areas and to feed its 1,000-metric-ton shear.

The handler has a working range of roughly 65 feet and is capable of loading trucks with the attached 650 l grab, Sennebogen says.

The handler features Sennebogen's elevated maXcab with armored glass, inclined windshield, LED lighting on the stick and boom and factory-standard camera system.

equipment, MCM's Perry says.

"The fold-up transport mode of the 825 M was a big, big thing for us—it was a key factor in Michigan. You just drive it onto the heavy hauler and drive it off," he says.

"With our previous machine, you had to remove the stick and reassemble it at the job," Perry adds. "I estimated any transport as at least a day."

He continues, "Now, if we have an emergency cleanup to do, we can get an 825 on the road in less than an hour."

"Our material handlers do a lot of moving around," Perry says. "We have been speaking with Sennebogen about taking them to the next level. They are pretty far advanced in moving on wheels, and we can see applications other than a grapple or a magnet for our next Sennebogen." ■

This article was submitted to *Recycling Today* on behalf of Sennebogen LLC ([www.sennebogen-na.com](http://www.sennebogen-na.com)), based in Stanley, North Carolina.



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