

A LEGENDARY BRAND

Harris offers the recycling industry legendary machinery.
Its new ownership brings a deep commitment to the future.



www.HarrisEquip.com



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When I acquired Harris in December 2013 it was with my eyes wide open. I knew the company was not performing as it should. I also knew the Harris name had a tremendous legacy and that over its 126 year history it had built some of the best equipment ever produced for the scrap, recycling and waste industries.

As Chairman and CEO of Avis Industrial Corporation I'm familiar with the recycling industry. We've owned American Baler since 1979. I'm also a major shareholder of International Baler.

Avis Industrial owns 12 other firms engaged in a range of industrial manufacturing. That base allowed the Avis team to fully evaluate Harris. We saw that while Harris was not currently living up to the legacy the founders R.C. Harris and Robert Tomlin began, it was solid.

Avis Industrial is unlike other companies that have owned Harris. We are a private holding company focused on long-term value. We believe that you must invest in businesses to ensure they can provide long-term value to their customers.

Over the past year I have spent a lot of time meeting Harris customers, distributors and employees. In some instances those meetings have been contentious. We saw that Harris had not always been delivering as it should. We've worked diligently, and invested, to correct that and will continue to do so.

However, the vast majority of those meetings have been wonderful learning and relationship-building experiences. We've seen the tremendous pride and satisfaction of Harris customers who have been using their equipment for decades. We've heard them share the significant value the machinery has delivered for their businesses.

During the course of the past year we had the opportunity to acquire IPS Balers. We did that in July 2014. The IPS line offers a number of unique features that help recyclers enhance production and efficiency while lowering their costs. IPS is now a product line offered by Harris.

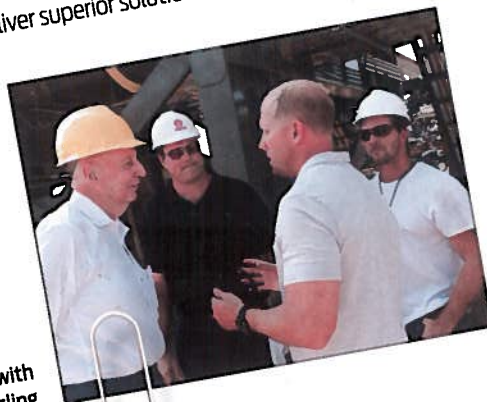
That is one of many investments we're making in Harris. From plant and machinery to people, support services and engineering for product development, we're highly focused on the future.

Harris has a bright future, one guided by the quality and performance standards the Harris founders intended when they originated the business way back in 1889. Harris shredders, shears, compactors and balers are the hallmark of quality in the recycling industry. Often they have been the first of their kind, like Harris BSH shears and the legendary HRB baler. Always they have been offered with superior performance for the customer in mind.

Our mission going forward is to unleash Harris, allowing it to deliver superior solutions and value for its customers.

Sincerely,

Leland E. Boren
Chairman and CEO



Leland Boren, left, visits with
Harris customer Encore Recycling

LOCAL EXCELLENCE

Harris two-ram and horizontal balers are sold and supported by the industry's best independent distributor network.

Harris has the strongest baler distribution network in the waste and recycling industry. Many of our distributors have been partners with Harris for decades. Harris is committed to continually developing our distribution network by investing in training for safety, equipment installations and startup, service and parts support, product knowledge for different applications and overall operations.

Most important to our customers, however, is that these independent businesses deliver unmatched customer support.

They have technicians and mechanics who understand the machinery and can handle everything from preventive maintenance to entire machine overhauls with exacting precision. They have sales consultants who can help match our customers' requirements to the best Harris product. They have financial strength that ensures they'll



be able to work with clients for the long term.

Our distributor network also plays a critical role in installing our two-ram and horizontal balers. Their experienced personnel know how to plan projects to minimize disruptions to our customers and to their customers. Their preplanning can also help to avoid installation problems that lead to cost

overruns. It's the kind of service only experienced Harris distributors can provide.

Of course, Harris supports our distributors every step of the way. Our parent company, Avis Industrial, and Harris have a corporate philosophy grounded in trust and relationships. It guides Harris to ensure that every detail is attentively completed to the customer's satisfaction.

We have one of the industry's largest parts inventories—at our factories and distributor locations—and an extensive service organization, ensuring that Harris customers receive unmatched service and support.

Harris is exceptionally proud of our distributor partners. They are the critical link between Harris and many of our customers—and they are also the best in the business. Most importantly, they are professional, reputable and dependable local partners for you, no matter where you are in the world.

Ferrous Machinery

For scrap processing machinery, Harris provides factory-direct sales and service.

Harris machinery is available worldwide. Our professional sales consultants work directly with our customers. In North America and Europe these professionals are Harris employees, while throughout the rest of the world they are factory-trained agents and/or distributors. Our product specialists and engineers support them all.

We understand that specifying the correct plants for our customers' needs is critical. Harris has more than 100 years of experience building, installing and servicing the world's finest scrap processing machinery. We appreciate that regardless of the size of a client's business it's a strategically important investment.

From the beginning of the sales process through the commissioning of the plant and operator training, Harris is there to support our customers. For us, it's personal. We understand and respect that our customers rely upon us. That's the reason we continue to work alongside our customers for the life of their equipment.

BALING SUPERIORITY

The industry's leading two-ram and horizontal balers.

When Harris unveiled the first two-ram baler, the HRB, in 1968, it revolutionized the industry. Since then Harris balers have continued to evolve, remaining the industry standard.

Our Harris and IPS product lines offer the industry's finest, most advanced designs and capabilities.

Our Harris and IPS product lines offer the industry's finest, most advanced designs and capabilities. Harris equipment is backed by a well-trained, worldwide distribution organization, supported by a large staff of factory technicians and large parts inventories at both distributor sites and at our manufacturing plants.

Today, a majority of Harris



A Harris Badger processing plastic recyclables

power-packs and cylinders are produced in-house; it's part of the heritage that makes Harris the highest quality balers available. You'll receive the legendary performance and longevity that make

our balers the defacto choice for many of the industry's top firms.

Our unique unibody full-frame construction delivers superior frame integrity. Our clevis and pin cylinder mounts deliver maximum



IPS Conquest

High production auto-tie baler

The Conquest is a unique and highly productive baler. It offers high-volume processors an American-made extrusion baler ideal for processing a wide range of fiber and other mixed recyclables.

The patented hinge-side design offers the widest charge box opening available. This design virtually eliminates bridging of bulky materials, such as OCC. The articulating sidewalls precompress material in two directions, producing bale densities that are much greater than comparable machines. It also eliminates 75 percent of the shearing required by other balers. This results in reduced hydraulic shock, increasing the life of the hydraulic system and lowering electrical consumption.

The Conquest delivers superior production through our unique and patented

design. It is the ideal baler for those requiring high-density bales to maximize truckload and export container weights.



An HRB processing OCC



A TransPak installation

stability. Other features, like our Combo Door, touchscreen operator interface terminal and smart-knife shimless knife adjustment, make our balers uniquely easy to operate and highly productive.

With the acquisition of IPS Balers, we now offer even more innovation. Our precompression lid and bale tie continuous baling feature enhance two-ram operation in select applications, while our Conquest auto-tie balers deliver the largest feed openings and maximum production on many materials.

Avis' investment continues at Harris. In 2015 our production facility in Baxley, Georgia, will benefit from machinery upgrades, increased crane capabilities and streamlined production flows. At the same time, the Cordele plant will enjoy numerous equipment upgrades and streamlined production operations, including an upgrade to our cylinder manufacturing capabilities.

If you're investing in baling capacity that will stand the test of time and deliver superior production and performance day in and day out, it has to be Harris.

The Harris TransPak

Clean, Safe and Environmentally Friendly

The Harris TransPak Precompaction System makes the process of loading and transferring solid waste by road, rail or barge easy, efficient and clean by producing truckload-sized, untied, densified bales of solid waste and recyclable materials.

The TransPak's integrated weighing system forms each payload to maximum weight limits, maximizing transportation efficiency while minimizing costs. The design keeps your facility clean. It also eliminates steps in the process to improve plant efficiency.

The TransPak is a closed system. Once material enters, it is never exposed to the elements until it reaches its final destination. There is no spillage to clean up, no load to level off and no tarping station.

The Harris TransPak is designed to keep the operation simple. As opposed to top-loading systems, the precompaction method allows payloads to be built to capacity independently of trailers. The system, which loads the payload in the rear, is setup to use standard, less expensive trailers for transport.

Harris maintains a massive commitment to provide our customers with service capabilities and parts availability. We have at the ready service technicians trained in every aspect of baler service and maintenance. We car-

ry a multi-million dollar parts inventory and offer same-day shipping on many. This complements the local capabilities of our distributors to ensure Harris customer's maximum uptime reliability.

If you're investing in baling capacity that will stand the test of time and deliver superior production and performance day in and day out, it has to be Harris. From installation through our ongoing service programs, we offer the best possible return on investment for our customers.

SCRAP METAL PROCESSING

Legendary equipment that stands the test of time.

Harris has been the industry leader in manufacturing the finest designed and engineered machinery for scrap metal processing. Our equipment is backed by well-trained, worldwide sales representatives, a large staff of factory technicians and a substantial parts inventory.

Scrap processors and production plants generating scrap have come to rely on our long-lasting, high-performance machinery because it delivers a superior return on investment.

Shears and Balers. Long the industry standard, shears and balers from Harris stand the test of time. Our dependable, heavy-duty construction means our machines perform day after day and year after year.

Harris Balers. Harris produced its first hydraulic sheet metal press in 1938, giving rise to the legendary line of Harris scrap metal balers.

Scrap processors and production plants generating scrap have come to rely on our long-lasting, high-performance machinery because it delivers a superior return on investment.

Today, the TG and TGS, triple compression units, are capable of processing a wide range of ferrous, nonferrous and stainless steel scrap. They feature heavy construction for long life and proprietary Harris cylinders designed specifically for scrap processing applications.



The BSH scrap shear

Our balers are high-production units capable of producing up to 180 bales per hour. Offering independent loading hoppers, large capacity charge boxes and heavy-duty

has continued to refine and develop scrap guillotine shears.

The Harris BSH "Tuck & Fold" charge box is an industry standard for its ability to handle bulky, hard-to-trap material, such as freight cars sections, ship scrap, storage tanks and automobile bodies. It's also proven excellent on large volumes of lightweight material.

For many processors, our side-squeeze shear is favorite for processing more uniform scrap. The Harris GS Series shear/baler/loggers are the highest quality combination SBLs on the market. Built in the U.S. with fully replaceable liners as well as with the heaviest, most durable structure available.

Over the years, Harris has sold hundreds of shears. It's not uncommon for them to continue cutting scrap for 40 years.

structures, these machines deliver unmatched production and long operating life.

Harris Shears. Harris built the world's first hydraulic scrap shear in 1956. It was a 500-ton model CS 500. From that moment onward, Harris



The Harris shredder cage



A Harris 6090 shredder

Complete Shredding Systems.

Our Integrated Recycling Systems Group is a team of highly qualified Harris engineers who collaborate with our customers to provide complete scrap processing plants.

Our shredders are built in the tradition of Harris scrap processing machinery, using the same production equipment as our legendary shears and balers. They are designed for power and performance.

We offer a complete range of mills from our 6060 to the massive 125125 with drive motors from 1,500 to 10,000 HP. Our engineers begin with heavy-duty infeed conveyors and can proceed all the way through the most advanced ferrous and nonferrous separation plants. By delivering total systems integration, Harris offers turnkey solutions with single-supplier responsibility.

Advanced Shredders. Our designs represent the next generation of shredding plants. Advanced engineering builds on our more than

100 years of experience. We integrate proprietary design features to extend casting life, reduce maintenance and increase performance.

It begins with the exclusive 3-tube design of our double-feed roller. From there our proprietary

shredding chamber design offers many features, such as our unique sideline design that reduces throwaway weights to our self-supporting bottom grate that eliminates the center support maintenance and delivers longer wear life. We offer heavy-duty rotors in welded and nonwelded disc as well as in spider configurations.

We marry our designs and fabrication with the Harris Production Management System, providing real-time access to production rates, energy use and other critical operational metrics. It also includes an

ergonomic control chair with joysticks and intuitive touch-screen controls for the mill's operator.

Downstream Systems. The engineers of our Integrated Recycling Systems Group collaborate with

Our unique shredder designs represent the next generation of shredding plants.

our customers to create highly efficient plants to produce clean ferrous and nonferrous streams. They manage projects from design through completion.

We deliver the full separation plant and can include processes for stainless steel and fines recovery, online or offline. We offer zero-emission air systems and airless separation (multi-magnet) systems.

No matter your budget or your needs, Harris can design a system that meets your needs today but that is flexible enough to accommodate your future requirements.

Rebuilds, Retrofits and Enhancements

For existing shredder operators, Harris offers a range of services.

Our team can supply rotor and wear part replacements, shredder box rebuilds or the integration of smart shredding with the Harris Production Management System. No matter the OEM of your mill, we can help make it more efficient and productive.

Harris engineers also can help you increase the effectiveness of your downstream systems, whether this means increasing ferrous yields, maximizing the recovery of nonferrous streams or beginning to capture plastics.

Put the proven team at Harris to work to increase the operational efficiency and yields of your shredder plant today.

HARRIS DISTRIBUTORS

Crigler Enterprises

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Bldg. 200
Mableton, GA 30126
404-874-4401
*Coverage Area: Alabama, Georgia,
South Carolina and Florida*

Carr Industrial

493 Elgin St.
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519-754-4059
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Quebec*

DeHart Recycling Equipment

11862 Missouri Bottom Rd.
St Louis, MO 63042
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Kansas, Missouri, Southern Illinois
and Western Kentucky*

Ohio Baler Company

3500 Lorain Ave., #505
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Western Pennsylvania, Western
New York*

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Tennessee, Northern Mississippi
and Eastern Arkansas*
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Coverage Area: Eastern Tennessee
800-548-3458
*Coverage Area: Southern,
Central and Western Arkansas and
Northern Louisiana*
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*Coverage Area: Southern
Louisiana and Southern
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Recovery Systems

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South Dakota, Minnesota,
Northern Iowa, Wisconsin and
Nebraska*

Recycle Systems LLC

PO Box 201
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Wyoming, Colorado, Utah,
British Columbia, Alberta,
Saskatchewan, Manitoba*

Recycling Equipment Systems/Service

130-37 90th Ave.
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Jersey, Eastern New York and
Connecticut*

Recycling Mechanical of New England

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Hampshire, Vermont and Rhode
Island*

Rise Equipment

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Sargents Equipment

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REC

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and Delaware*

Olympic Equipment

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and Arizona*

For a list of our worldwide distributors, please visit our website.

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