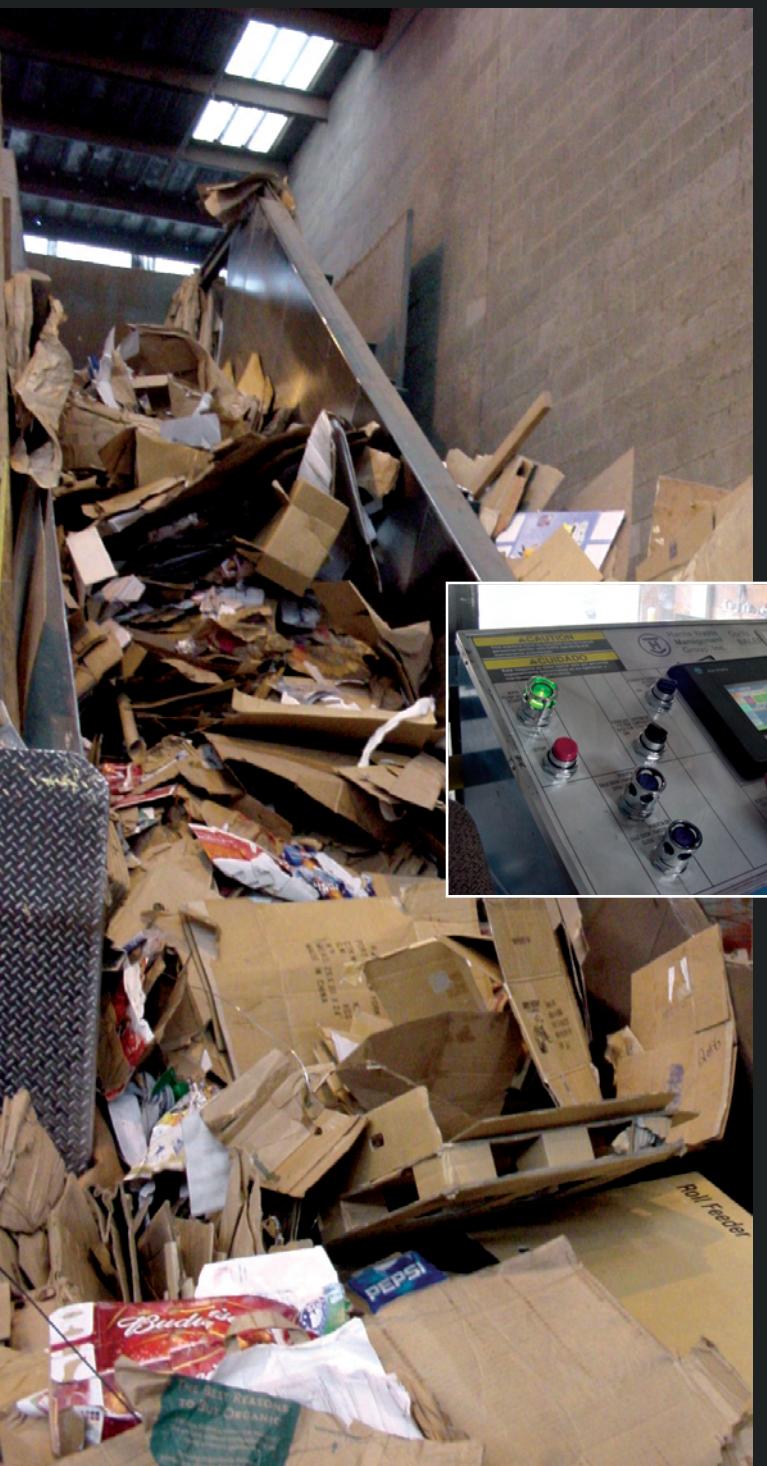




When high capacity customers of; solid waste, fiber, recycling operations & non-ferrous scrap processors asked Harris to develop a tough baler suitable to handle a wide array of materials in the most demanding conditions, Harris listened. Then we delivered an HRB™ line of 2-Ram balers that thrives in virtually any baling application.



Benefits

- New efficient flooded suction inlet power plants.
- Each bale is strapped under tension. Thus reducing bale expansion, giving you the highest possible density. The auto tie system eliminates wire waste, reducing the amount of wire needed to bind each bale. Also, you can use high-strength, smaller gauge wire, further reducing wire costs.
- UL listed control panel, baler meets or exceeds ANSI Z245.5 safety standards.
- Harris offers an HRB baler for virtually every baling application. Sold and serviced by our national network of authorized Harris distributors and international agents , who will work with you to configure the right system for your exact needs.
- The Harris Operator Interface Terminal (OIT) is utilized to control diagnostic operation tools to ensure that all systems function properly. This system allows the operator to bale in automatic cycle, semi automatic, or manually. The controls provide for up to twenty full automatic baling modes with multiple strap patterns. Full diagnostics for quick and easy trouble-shooting with phone modem are included. With a modem, technicians at the factory can observe the operation of your baler. The Harris OIT provides for production data reporting and alarm history. Material Screens include: Start-up, System Overview, Production, Material Selections Programs, Material Set-up, Manual Short Stroke, Alarm Summary, Alarm History, Maintenance, Trouble-Shooting Help Screens, Input/Output Module Status, Device and Sensor Status.
- Harris HRB™ models feature replaceable AR400 liner plates in the machine frame and platen that are even stronger and more resistant to wear than the usual T1 liners, saving wear and tear on structural components, reducing maintenance and service costs.
- With Harris' unique poppet manifold, hydraulic operations take place within a self-contained unit, creating better oil control and dramatically reducing piping, shock, and leak points.



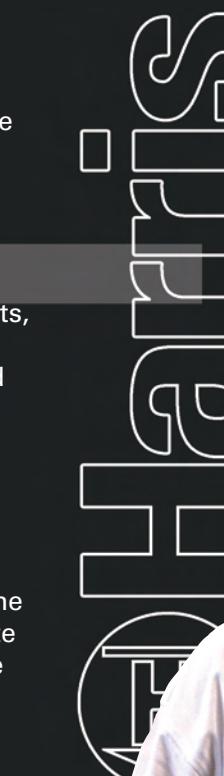
- Harris utilizes a 3500 PSI operating system pressure to provide maximum RAM FACE PRESSURE that dramatically increases bale weights and densities, permitting the customer to maximize payloads and participate in export, domestic and rail shipment markets for commodities.
- Harris utilizes flame hardened cylinder rod (on the main ram) with TFE piston seals for long life. There is no chrome to chip, scratch and peel.
- Harris offers the unique oversize vertical bale release mechanism on the **HRB 1020W** and **HRB 1035W**. With the vertical bale release option, you will rarely have to shut down your operation to free an oversize bale. Simply switch to manual operation and the mechanical door quickly opens allowing for easy bale ejection. Both the **1020W** & **1035W** balers can be equipped with a bale separation door. This feature delivers higher bale weights, densities and easy material changeover and allows greater flexibility in stacking and transportation of baled materials. The need for using a plug bale is eliminated, resulting in a cleaner operation. The separation door extends to provide a fully enclosed bale chamber. The HRB is capable of running plug bales when the needed. Both the **HRB 1020W** and **HRB 1035W** have the BR/BD option.
- The **HRB 1245W**, and **HRB 1445W** come standard with the heavy duty vertical bale door for the extreme solid waste baling application. It can be ordered as an option on the **HRB 1035W**.
- HRB Balers come standard with Y-Delta reduced voltage starting on the main motors.

**From
Mike Lee
General Manager
Cordele Operations**

Harris' strength lies in the experience of its people. From Engineering, to Production, to Service, Harris has the ability to design, manufacture, and support a diversified product line of material processing equipment for any application.

Change is our strategy and Lean is a tool we'll use to power our efforts. Thru constant product and process improvements, Harris continues to be the leader in the manufacturing of recycling equipment by providing a quality product to suit a vast variety of our customer needs. It's the knowledge that no matter how well our products are received throughout the industry, we know we can always find ways to make it better.

Harris takes pride in the quality of its work force. From upper management, to the shop floor, everyone is encouraged to share their thoughts on continuing improvement processes directed toward product improvements and customer satisfaction. Many of our customer relationship have spanned over several generations. This shows that our work force is totally committed to providing a quality product to our customers which in turn will provide a secure future for all of us.



Recycling companies, scrap processing facilities, solid waste operations, and waste handlers around the world rely on Harris Waste Management Group for their total recycling and waste management equipment requirements. Through our global network of distributors and regional managers, Harris listens to our customers' needs. Then, we deliver innovative products built around the best possible technology and engineering. By supplying a full range of recycling and waste management equipment for today's needs, Harris Waste Management Group helps companies manage scrap and waste operations productively, effectively and profitably.



HRB Centurion™ Features

SmartKnife™ System

The Harris Smartknife™ system allows for quick adjustment of the baler's fixed cutting blade without using the time-consuming shimming method. Instead the SmartKnife™ incorporates strategically placed bolts that are easily adjustable. This standard feature encourages the operator to maintain correct gap tolerance for smooth shearing which extends the life of the equipment.

Combo Door™

Harris' unique patented Combo Door™ option combines the bale separation and bale release in one door. When fully extended, the Combo Door™ is closed for clean bale separation. This separation features ensures high bale weights, densities, uniform bale lengths, and easy grade changeovers. For normal bale release, the door opens to its "home" position. During oversize bale operation it enlarges the bale door opening by an additional 8 in. (203.2mm) for the easy ejection of oversized bales. This simple, yet innovative mechanism, significantly reduces bale jamming.

Harris HRB™ Two Ram baler

From paper to PET. From solid waste to OCC. From extruded or sheet aluminum to light ferrous metals - the **Harris HRB™** is a work horse. With features like Harris' unique poppet manifold and high speed flooded suction inlet power pack. You get more uptime, lower maintenance and service costs and extended baler life.



Sales and Service by:

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10/07



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