

**TWO RAM
BALERS**



Harris®







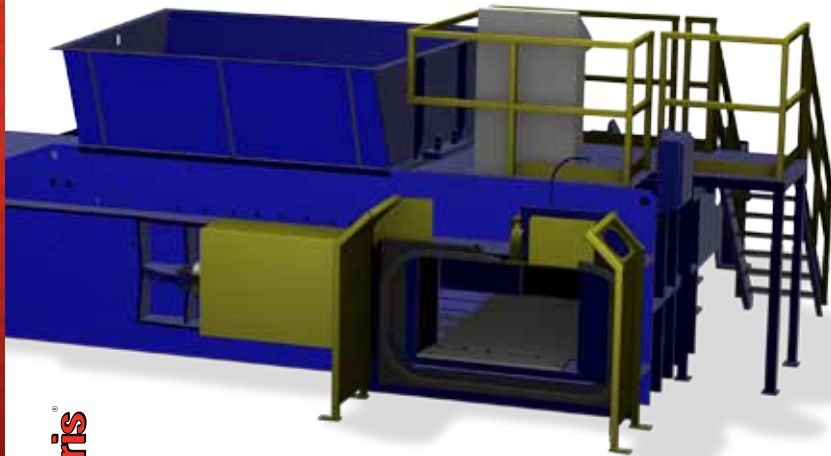
HARRIS TWO RAM BALERS

Baling has never been easier or more profitable. The Harris family of two ram balers are designed and built to withstand the extreme rigors of multiple applications, producing high density bales. Harris understands your needs and expectations when it comes to recycling and processing equipment. This is why more and more customers are turning to Harris for high performance, quality and reliable equipment.



The large, robust **HRB** series balers are the largest two ram balers available from any manufacturer. The **HRB - 1245, 1445** and **1545** are primarily utilized in MSW high volume applications but are also versatile for fiber, NF metals and other applications. The all NEW **HRB - 1035** is the **ideal material processor** for heavier NF metals, fiber bales or any application that requires higher shearing and baling forces (higher bale densities) with its 357 tons (324 tonnes) of force.

HRB®



FEATURES:

- Heavy duty frame assembly
- Main motors of 200HP (149.1 KW) or 300HP (223.7 KW)
- Non-ferrous floor strips
- Plug Bale compatible
- Touchscreen operator interface terminal (OIT)
- **HRB - 1245, 1445** and **1545** – vertical bale separation door standard.
- New **HRB – 1035** – standard combo door for bale separation and oversize bale release
- New **HRB – 1035's** high efficiency twin 100HP (74.6KW) power unit uses 50 - 60% less energy
- New **HRB – 1035** – fast 8.5 second dry cycle time





MATERIAL

OCC
ONP
High Grade Paper
Mixed paper
MSW
C & D

UBC's
Steel cans
Plastics
NF metals
White goods
Tin

CENTURION[®]



OCC	Plastics
ONP Mixed paper	NF Metals
High Grade Paper	White goods
MSW	Other applications on request
UBC's	
Steel cans	

MATERIAL



The NEW **HRB Centurion EHD** baler is the **premium** two ram baler for tougher material and/or higher volume applications. The **HRB Centurion EHD** has the **fastest cycle time** of any two ram baler in its class and is a heavy duty multiple material baler that is built for years of reliable service.

FEATURES:

- 300 tons (272 tonnes) force (main ram cylinder)
- High efficiency main ram cylinder with integral manifold and valves. Very fast 8.5 sec. dry cycle time
- Electronic controlled pumps to control the acceleration and deceleration of the main ram
- High efficiency twin 100HP (74.6KW) power unit uses 50% less energy than conventional 200HP (149.1KW) machines
- Uni-body frame construction with 2" (51mm) thick floor and reinforcing members
- Heavy duty separation and oversize bale Harris Combo Door™ with replaceable bolted guides
- Quick and easy cam adjustment of shear knife
- Shear knife Jam Detection and Prevention Sensors (Patent Pending)
- 24vDC controls and IP67 quick connection plugs with Ethernet connectivity
- 10" (254mm) color touch screen display and auxiliary manual controls
- CCTV camera and display monitor for infeed hopper
- Full automatic operation on majority of materials
- Plug bale compatible
- 3 micron kidney loop filtration



The newest addition to the Harris two ram product family, the **Grizzly**, a baler that brings advanced technological features for **more efficient and energy conserving operation** for higher volume requirements. With the solid, robust construction, this baler can handle multiple products with ease while saving valuable energy. The **Grizzly** Model 240 T100 PF will consume approximately 40–50 percent less power than a comparable model baler – the worlds first “**GREEN TWO RAM BALER**”!

FEATURES:

- 86" x 105" (2184 mm x 2667 mm) hopper opening
- Main motors of 200 HP (149 KW)
- 10" (254 mm) standard main cylinder – 196 tons (178 tonnes) main cylinder force
- 11" (279 mm) optional main ram cylinder – 238 tons (215.9 tonnes) main cylinder force
- Uni-body full frame construction
- Non-ferrous floor strips
- Clevis and pin cylinder mounts
- Harris Combo Door™
- Harris Smartknife™ shimless knife adjustment
- Plug bale compatible
- High efficiency hydraulics
- Touchscreen operator interface terminal (OIT)
- Automatic wire tie
- Power consumption monitor



GRIZZLY



MATERIAL

- OCC
- ONP
- Mixed paper
- High Grade Paper
- MSW
- UBC's
- Steel cans
- Plastics
- NF metals
- White goods
- Other applications on request



GORILLA[®]

OCC	Plastics
ONP	Mixed paper
High Grade Paper	Light - medium gauge NF metals
MSW	White goods
UBC's	Other applications on request
Steel cans	

MATERIAL





The Harris **Gorilla** is the **economical** wide box two ram baler designed for medium volume applications for multiple materials. The **Gorilla** incorporates many robust features from the larger Harris two ram family including the automatic wire tie.

FEATURES:

- 58.5" x 101" (1486 mm x 2564 mm) hopper opening
- Main Motor options of 100 and 150 HP (74.6 and 111.9 KW)
- 12" (304.8 mm) standard main cylinder – 198 tons (179.6 tonnes) main cylinder force
- 13" (330.2mm) optional main cylinder – 232 tons (210.4 tonnes) main cylinder force
- Uni-body full frame construction
- Non-ferrous floor strips
- Clevis and pin cylinder mounts
- Harris Smartknife™ shimless knife adjustment
- Plug bale compatible
- Touchscreen operator interface terminal (OIT)
- Optional Harris Combo Door™



Harris

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The Harris **Badger** Baler line has been the **top selling** narrow box two ram baler in North America for the past six (6) years running. The **Badger's** versatility and robust construction has made it the narrow box two ram baler of choice throughout the fiber, non-ferrous metals and solid waste markets. With the standard automatic wire tie, the **Badger** can handle multiple products with some of the densest bales produced in this class of baler.

FEATURES:

- Standard **Badger** – 65" x 74" (1651 mm x 1880 mm) hopper opening
- **Badger "L"** – 65" x 94" (1651 mm x 2388 mm) hopper opening
- Main motor options of 50, 75, and 125 HP (37.5, 55.9, and 93 KW)
- 10" (254 mm) standard main cylinder – 137 tons (124.2 tonnes) main cylinder force
- 11" (279 mm) optional main cylinder – 166 tons (130.5 tonnes) main cylinder force
- Optional Harris Combo Door™ (bale separation and oversize release door)
- Uni-body full frame construction
- Non-ferrous floor strips
- Clevis and pin cylinder mounts
- Harris Smartknife™ shimless knife adjustment
- Plug bale compatible
- Touchscreen operator interface terminal (OIT)





OCC

ONP

Mixed paper

High Grade Paper

MSW

UBC's

Steel cans

Plastics

Light – medium
gauge NF metals

White goods

Other applications
on request

MATERIAL



OCC
ONP
Mixed paper
MSW
UBC's
Steel cans
Plastics

Light – medium
gauge NF metals
White goods
Other applications
on request

MATERIAL



Harris Wolverine™

The Harris **Wolverine** is an affordable narrow box two ram baler for those applications that do not require high volumes but still need the multi-product **versatility** and automatic wire tie provided by a two ram baler. The small footprint makes it easy to install even in tight spaces.

FEATURES:

- 42" x 60" (1067mm x 1524mm) hopper opening
- 40 HP (30 KW) main motor
- 88 tons (80 tonnes) main cylinder force
- Uni-body full frame construction
- Non-ferrous floor strips
- Clevis and pin cylinder mounts
- Plug bale compatible
- Touchscreen operator interface terminal (OIT)
- Optional Harris Combo Door™ (bale separation and oversize release door)



SALES AND SERVICE:

OUR PROMISE

Recycling companies, scrap processing facilities, solid waste operations, and waste handlers around the world rely on Harris for their total recycling and waste management equipment requirements. Through our global network of distributors and regional managers, Harris listens to our customer's needs.

WORLD CLASS PARTS: Harris has a world class parts department to help with all your machine needs from wear parts, such as liners, to hydraulic cylinders. Harris can solve any problem you have.

HARRISEQUIP.COM

Our website contains detailed information about all Harris products. You can skim through pages of products, download product brochures, read news on all the happenings with Harris, and find your local sales associate.

MSW Bale Bagging and Wrapping Systems are also available from Harris. Ask your dealer.

With manufacturing facilities in the United States and distributors around the world, we continue to offer our customers the best in both products and service. Harris has a strong commitment to innovation and quality workmanship. Just ask our customers...

We build it to last.

Harris equipment is **fully assembled** and **tested** at our manufacturing plant.

*All equipment is subject to change without notice.

harrisequip.com





Harris is a **worldwide leader** in
the **design, manufacture, and support** of
scrap processing, recycling, and waste handling equipment.



Harris®

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