



Harris[®]

FERROUS
EQUIPMENT





HARRIS SHREDDERS

Our engineers work seamlessly with fabricators at our manufacturing facility using today's communication technology to offer shredder operators a set of resources that is

-----> **unmatched**
by other suppliers of shredding equipment.



The Harris shredder division in San Antonio, Texas, engineers and designs complete shredder systems.

Harris metal shredders include the HS6090, HS80115, HS98115, and HS125125 models which are 60-, 80-, 98-, and 125-inch hammer swing shredders, respectively.

Features include patented, reversible hood, back wall castings, and fully interlocked fabrication. Available in 2000-8000 horsepower, Harris shredders have full system capabilities. Harris shredders process auto scrap, white goods, secondary metals, aluminum, and selected structural steel shapes.

Harris also offers total infeed and downstream equipment for turnkey shredder installations.



Equipment built with
Tradition
and designed with
Performance and Power
in mind.



HARRIS BSH Guillotine Shears

Featuring the patented

"Tuck-&-Fold"

compression box, which densifies the material before shearing, the Harris BSH shears are available in capacities of up to 2,200 tons cutting force. The "Tuck-&-Fold" compression box reduces pre-processing time, allowing faster feeding and great production. BSH Shears are available with throat widths of 3' to 5' (.9m to 1.5m).

Other exclusive features include external gib and knife adjustments, **Harris cylinders**, a wide-open charge hopper for fast loading of irregular scrap, an easy-to-service power pack, and Teflon-protected pistons for minimum friction and more hours of trouble-free operation. BSH Shears process auto scrap, steel mill scrap, selected freight car and ship sections, shapes, pipe, plate, no. 2 heavy melting scrap, and selected no. 1 heavy melting scrap.



GS Baler/Logger/Shears ← - - -



The Harris Global Shear line of baler/logger/shears is one of Harris' product lines designed to fulfill the requirements of the electric arc furnaces. The GS Shear comes in 700, 900, and 1100 ton shearing capacities. They include a clamshell type box with higher side compression force designed for better trapping. To bale or log, the GS has up to 226 tons of baling force.

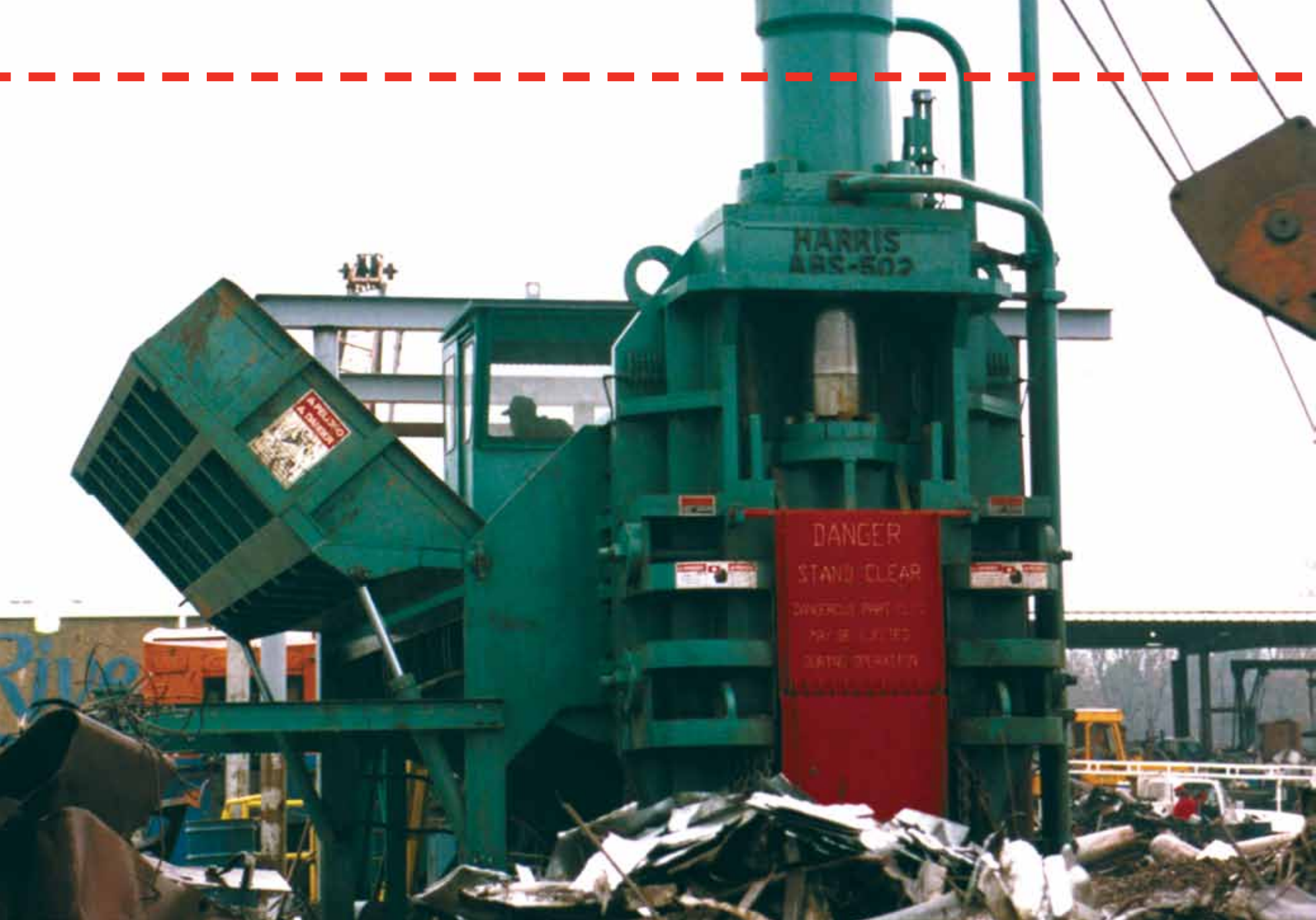


The **GS** is equipped with the **new** Harris **advanced** hydraulic system utilizing flooded suction pumps, and is **fast** with decreased cycle times and **increased productivity.**

The best operation is a safe one.

While Harris products are known for their power and stability, the most important feature in all applications is safety. Harris considers itself ahead of the pack when it comes to safety.





HARRIS
ABS-502

A PELIGRO
A MENOS

DANGER
STAND CLEAR
DANGEROUS PARTS
MAY BE LIFTED
DURING OPERATION

— — ➔ HARRIS ABS Shears

Developed with an emphasis on economy, the Harris line of ABS Shears has proven to be **fast** and **economical**, meeting the needs of scrap processors around the world. Offered in 623, 800, and 1000 ton models, the ABS employs a unique concept in design; a **pre-compression charging box** in which one half of the box opens to accept scrap, and the other half remains rigid with the “Tuck-and-Fold” flipper. All this, plus the dependable, heavy-duty Harris construction and design, makes the ABS Shears a wise choice for any yard.



Other exclusive features include external gib and knife adjustments, Harris cylinders, an **easy-to-service** power pack, and Teflon-protected pistons for minimum friction and more hours of trouble-free operation. ABS Shears process steel mill scrap, shapes, pipes and plate, no. 2 heavy melting scrap, and selected no. 1 heavy melting scrap.

TGS Balers

The TGS line of balers offer **high production** and **versatility** which makes them a profitable performer in virtually any scrap yard. They use a three-compression baling system and have the **widest range** of bale sizes from 8"x8"xV to 24"x24"xV.

TGS Balers process soft alloys of stainless sheet, factory clips and skeletons, shapes, wire, tubing, non-ferrous metals (copper wire, low alloy aluminum sheet, etc).



TG Balers

The TG line of balers produce

high density

uniform bales that meet all industry standards. They precompress material into the charging box with a massive lid and utilize a three-compression baling system to produce a bale. The TG line is perfect for companies that need a **heavy-duty, reliable** baling system.

Harris TG balers are the most preferred balers in the industry.

TG Balers process slitter coils, industrial clips, skeletons, steel mill sheet, automobiles, railroad boxcar sides and roofs, selected structural steel, wire, and reinforcing rods.



HARRIS SC (Side-Compression) Shears

Harris created the SC Shear with energy efficiency and on-demand control in mind. The SC Shear utilizes the latest technology to create a smart shear with intelligent monitoring and control systems that increases productivity.

ENERGY EFFICIENT

POWER UNIT & HYDRAULIC DESIGN

The SC Shear power unit develops 30% more flow than the competition with equivalent horse power saving energy. The innovative hydraulic system uses exhaust fluid from the cylinders to retract the charge box simultaneously. This method reduces opening time by 50% and greater reduces energy consumption.



HARRIS SS (Side-Squeeze) Shears ←

The Harris SS Shear with lid is designed to confine and compress scrap utilizing a fully **guided side compression system**. It provides maximum productivity through continuous, efficient production while requiring only limited maintenance due to simplicity of operation. The SS Shears are available with throat widths of 3' to 5' (.9m to 1.5m) and shearing forces ranging from 700 to 2200 tons. Other exclusive features include external gib and knife adjustments and Harris cylinders.







Harris is proud to be the exclusive distributor for the Ecotecnica line of balers, loggers and shears to the Americas, Asia and Australia.

Katana

The Katana is a ruggedly designed, small footprint shear available in mobile, transportable and stationary models. The Katana is designed with a rugged and robust principle in mind. The structure is designed to allow both maximum protection and access to critical components. **500, 600, 800 ton models.**

Manta

The Manta 54 is a small footprint baler/logger, perfect for operations that need a transportable or permanently stationary machine. The Manta's design and construction eliminate the need for site preparation or elaborate foundation requirements. Manta balers only require a stable surface for operation.

Orca

The Orca is a superbly engineered small footprint baler/logger, with available attached crane, for mobile, transportable and stationary operations. The Orca requires limited or no foundations for operations. This may limit the permits required for operation. All an Orca baler requires is a stable surface for safe operations. The Orca is also available for use on a trailer for the ultimate in transportable/mobile operations.





SALES AND SERVICE

Our promise

At Harris we believe in the on-going *support* of our machines. Our domestic and international partners are there to make sure that your experience with a Harris product is superb.

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.

H a r r i s e q u i p . c o m

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.

TYPICAL CUSTOMER APPLICATIONS ← — — — — —

Shears:

Auto Manufacturers, Auto Dismantlers, Scrap Processors, Steel Mills, Can Plants, Foundries and Smelters

Ferrous Balers:

Auto Manufacturers, Auto Dismantlers, Scrap Processors, Steel Mills, Can Plants, Foundries and Smelters

Shredders:

Auto Manufacturers, Auto Dismantlers, Scrap Processors and Steel Mills

Harris equipment is

fully assembled

at our manufacturing plant to test fitting and eliminate problems during installation.





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



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