



# BSH Shear

## Processes:

Auto Scrap  
Steel Mill Scrap  
Pipe and Plate  
No. 1 Heavy Melting Scrap  
No. 2 Heavy Melting Scrap  
Selected sections of freight cars  
and ship scrap.

Harris BSH Shears features Advanced Hydraulic System, Positive Knife Adjustment, strategically placed piping, protected lube line, flooded suction pumps, easier installation, side dump hopper, independent thru-bolt hinges, all designed for easy operation and maintenance.



# BSH Shear

## STANDARD FEATURES

- Stall Protection System
- External gib and blade adjustments - no shimming; easier and safer adjustments.
- Replaceable liners in shear frame and charge box - longer machine life.
- Charge box cylinder mounting - mechanical advantage in folding force.
- Flame hardened, polished, and ground cylinder rods - no chrome to scratch or chip.
- Heavy duty construction - many years of proven life and durability.
- 10 micron filtration - cleaner oil system.
- Single or Double Feed Hopper - Can feed from both sides of box - can segregate materials.
- High/Low Pressure Hydraulic System - Harris Tandem System design coupled with a high-low system provides higher oil flow at lower pressures giving greater ram speed at times when little or no force is required.
- Hydraulic Vane Pumps - Vane Pumps now have a design rating up to 4500 PSI. Harris utilizing system design of 3500 PSI. This reduces shock while providing longer pump life. Vane pumps can be repaired, on site, by replacing the internal vanes.
- Harris Tuck-&-Fold Compression Box - The "Tuck-&-Fold" box processes bulky, hard to trap material such as freight car sections, ship scrap, storage tanks, and automobile bodies. Also handles large volumes of light weight materials.
- Long Compression Box - Handles longer material which requires less preparation prior to loading. (22', 26', 30', 40')
- Use of Through Bolts on Hinges side and bed compression box - Easier to maintain and easier to remove for repair or replacement.
- Dual Cylinders on Compression Box Sides and Arms - Adds stability to the compression box for a longer life. Equal distribution of force through out length of box. (available for 30' and longer).
- Supply Qualified Installation Specialist during installation.
- Power Unit - More efficient hydraulics require less power to operate the system while maintaining high production rates. Less components and maintenance.
- Programmable Controller/Solid State Controls - Gives greater reliability and simplifies operation.
- PanelView HMI located on Operator's Control Station - Allows the operator to run diagnostics on the shear from the Operator's Station and gives the operator the ability to program certain features of the program such as length of cut.
- Harris Field Service Support - Harris maintains a large staff of highly trained Diagnostic Field Service Technicians which allow Harris to respond or fulfill the customer's service needs in a fast and efficient manner.
- All equipment is manufactured, pre-assembles and tested prior to shipment.



**Call today for more information**

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[www.harrisequip.com](http://www.harrisequip.com)

\*All products and features are subject to change. Photos not necessarily representative of new equipment



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