

## Henry County Recycling

Baler Specifications for New Baler to be installed at:

Henry County Recycling Center  
450 Recycling Dr  
Paris, TN 38242

**GENERAL:** It is the intent of these specifications to describe the minimum requirements for one (1) new 30/50hp Closed End Full Eject Horizontal Manual Tie Baler with Conveyor. The new horizontal baler and conveyor shall be furnished complete and ready to use. The complete unit shall conform in design, strength, quality of material, workmanship and safety to the highest required engineering standards including all ANS12245.5 and OSHA standards. Henry County reserves the right to accept or reject the lowest or best bid and negotiate minor points with the successful bidder. Baler must be capable of baling the following material:

Old Corrugated Cardboard- Consistent 1400-1500 lb bales for maximum transportation and processing efficiency.

Office Pack

PET Plastic

HDPE Plastic

Aluminum Cans

Mixed Metal Cans

Magazines, Books, Newspaper

- Henry County Recycling must approve drawings and approve baler fit in location before bid will be awarded.
- Purchase will include installation of Baler and Conveyor System. Any needed Heavy Equipment to install should be included in final price. Henry County will reserve the right to provide heavy equipment if possible with pricing adjusted. Existing baler may be considered as trade-in toward new.
- Henry County will provide electrical connection to the machine. Vendor will specify voltage needed.
- Any standard equipment should be noted within bid proposal
- All Safety systems will be included and noted.

- Any warranty information will be clearly noted in the bid proposal with any support/ maintenance services offered by the vendor. Vendor will provide training on the use and routine maintenance of the machine to satisfaction of customer.
- Vendor must consult with Henry County Recycling to ensure proposed equipment will fit into existing workspace footprint to maintain proper work flow operations of dumping OCC into work area and the loading of OCC onto conveyor system. See location drawing provided.
- References must be included with contact information of existing customers using the same brand baler for at least five years.

Baler Specifications:

Heavy Duty Frame Construction

Maximum 50 Hp motor/Minimum 30 HP motor

Maximum 9" Bore Main Ram/ Must have ability to consistently compact 1400-1500 LB Bales Old Corrugated Cardboard

Compacting Platen Force greater than 180,000 psi

Bale size approx 48" x 30" x 60"

UL approved NEMA Electrical enclosures

Prefer Replaceable Floor Liner System

Prefer Replaceable/Shimmable Bolt-In Shear Assembly

Prefer Replaceable Easy Access Platen Guides

Prefer Replaceable Wire Guides

Infrared Auto Cycle Control

Low Oil indicator and shutdown

Prefer Pressure gauge built into control panel

Prefer Push button Controls for main baler operation

Conveyor Specifications:

Approx: 20 feet x 56" Conveyor with Hopper.

Conveyor Belt will be of high quality rubber belt with quality connected welded cleats non PVC. Warranty on belt.

Min 2 hp/3 phase electrical connection with auto on/off capability

Automatic Controls interfaced with baler Auto shut off

Include any add on equipment as optional