

Soft Press

Domestic Hay Press & Rebaler



UNIFORM BALES

Hunterwood
TECHNOLOGIES
www.hunterwood.com

Compressed Domestic Quality Bales

SOFT PRESS

The Hunterwood Soft Press processes big square bales into smaller, denser, and more familiar farm style bales. The final product is ideal for domestic farm and feed use, as well as the pet market. This press allows growers and processors to be more efficient and more profitable.

ABOUT THE SOFT PRESS

The Hunterwood Soft Press accepts large square bales (4x4x8) which are sliced into slabs utilizing our unique Big Bale Slicing System. The slabs of hay are fed into the press along the intake pan to the scale, where the hay is weighed and compressed. Bales are then stacked and palletized by the Hunterwood Automated Product Handling System for a precise and easy to handle product.

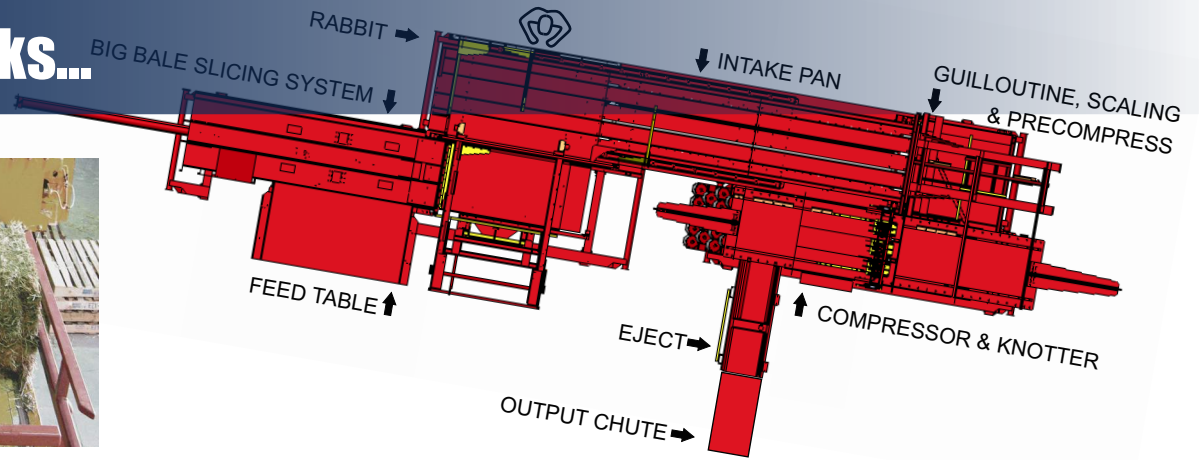
The Soft Press produces three, three string bales which eject out a straight chute ready to be stacked and or packaged as required. Repackages big square bales into 40lb - 60lb bales, ideal for domestic horse and pet feed markets.



Soft Press

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How it Works...



Soft Press Process

| | |
|----|---|
| 1 | 4 X 4 X 8 bales are loaded with a forklift (user provided) onto the feed table in a vertical orientation, with twines parallel to the earth. |
| 2 | The big bale is then advanced into the big bale slicing system with twines left on. |
| 3 | A plunger thrusts the big bale through 2 horizontal blades to create 3 equal slabs. |
| 4 | The slab gets advanced onto the intake pan to check for quality control and to remove the twines. |
| 5 | The operator uses the "rabbit" to advance the slabs onto the intake conveyer. |
| 6 | Once the slab enters the intake conveyer, each slab is automatically advanced creating a continuous flow of hay into the scaling area. |
| 7 | A guillotine allows a predetermined weight of hay into the pre-compress area and cuts off the flow when the scale has reached the desired weight. |
| 8 | A load device then advances the hay to the main compression chamber for final compaction. |
| 9 | The main compress adds the desired amount of compaction, cuts the bale into thirds and passes the bale through the knotters where twines are applied. |
| 10 | The result is three, three string bales which eject out a straight chute ready to be stacked and or packaged as required. |

Big Bale Slicing System



Designed to accept 3x4 or 4x4 big bales, and slice them down into slabs to feed the Soft Press. The Slicing System offers options which include; an intake conveyer designed to closely control the slabs of hay during feeding of the press and optional placement of the slicers.

PLC Automation



The Soft Press is fully automated and controlled from a PLC located on the operator's platform next to the press. The color touch screen allows operators to control and monitor all components of the press. The PLC provides up to the second reporting of production output, component pressures and temperatures, and can monitor third party equipment such as strappers or stretch wrappers.

Soft Press Details

| Soft Press Features | |
|-----------------------------------|---|
| SPEED | Operates at sprint speeds of up to 10-12 US tons per hour. (All production specifications are estimates based on Alfalfa/Lucerne forage and will vary by plant depending on the condition of the forage being processed, optional product handling equipment and experience of the production crew or other variables.) |
| INPUT SOURCE | Accepts 4x4x8 big square bales. |
| MINIMAL STAFF REQUIREMENTS | Under normal plant conditions 1 -3 people can run the machine. |
| OPTIMIZE TRANSPORT | Optimize transport weights with increased bale densities. |
| AUTOMATION | The Hunterwood Soft Press is fully automated and controlled from a PLC located on the operator's platform next to the press. The color touch screen allows operators to control and monitor all components of the press. The PLC provides up to the second reporting of production output, component pressures and temperatures, and monitoring of third party equipment such as strappers or stretch wrappers. |
| INPUT SCALING | Hay is digitally scaled for maximum accuracy. |
| POWER | Electric or Diesel Power Packs available. |
| QUALITY CONTROL | A Quality Control Station is located in the intake portion of the Soft Press, allowing the QC operator to spot and reject defective bales before they enter the final packaging area. |
| BALE OUTPUT FLEXIBILITY | Finished bale length, weight, and compression are easily adjusted by the press operator. |
| OUTPUT | The output package is three, three string bales which eject out a straight chute ready to be stacked and or packaged as required. Repackages big square bales into 40lb - 60lb bales, ideal for domestic horse and pet feed markets. |
| HUNTERWOOD ONLINE | Online access of press and components for 3 months. This program provides detailed shift by shift production and down time reports to assist the plant manager's ability to obtain consistent press operation at peak efficiency. Instructional videos and manuals provide troubleshooting advice 24 hours a day. |

*Production rates, bale weights and densities are subject to moisture content, material compressibility and other variables.

Soft Press Modular Components

Product Handling



Efficiency

Hunterwood's Fully Automated Product Handling System is the final link in the processing chain. The system consists of four main devices that work together to automatically package compressed bales into blocks by strapping, stretch wrapping or a combination these, for maximum efficiency and trouble-free container loading.

Packaging Options



Attractive Packages

Although the knotter is the included packaging component to Hunterwood's Soft Press; other packaging techniques like sleeving and strapping are also available.

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