CW 2200 BALE WRAPPER
BALE WRAPPED RIGHT

CROSS WRAP®
WRAPPING THE WORLD
CW 2200 BALE WRAPPER

Cross Wrap’s flagship product represents the long experience the company has from the waste industry.

The CW Bale Wrapper is reliable and adjustable with many options that offer the highest production rate and the lowest operational cost in the business.

This fully automatic machine is compatible with any baler and it suits all bale sizes and waste materials, such as RDF, SRF, MSW and recyclables.

**RELIABILITY** – CW reliability is based on high quality components, long experience and continuous R&D. This leads to smooth production and low maintenance cost.

**LOW OPERATING COST** – Thanks to the machine’s customizable wrapping programs the film consumption can be optimized according to the wrapped material and the bale handling needs.

**SMOOTH BALE HANDLING** – Heavy duty belt conveyors with highly sophisticated wrapping program move the bales carefully. The bales stay unbroken minimizing the material loss and cleaning.

**FAST WRAPPING** – The CW Bale Wrapper wraps up to 80 tons per hour. Our economical wrappers are also available for smaller production volumes.

**FLEXIBILITY** – The design of the CW Bale Wrapper can be individualized according to the customer’s capacity and bale size needs.
Front conveyor
Roll holders
Electric cabinet & Control panel
Hydraulic unit
Wrapping conveyor
Wrapping unit
Safety fence
Rotating table
Storage conveyor

FRONT CONVEYOR
Hydraulically operated heavy duty belt conveyor minimizes material loss and reduces maintenance cost. It moves unwrapped bale smoothly and carefully. The amount and dimensions can vary according to bale size and production.

WRAPPING UNIT
Wrapping unit has all the functions needed for automatic, efficient and clean crosswrapping process. The bale stays unbroken. Three wrapping programs optimize the film consumption according to different materials and other wrapping needs. CW Wrapper is capable to wrap also heavy and long bales and difficult materials.

ELECTRIC CABINET + CONTROL PANEL
Space saving integrated electric cabinet is equipped with high-quality components and high-resolution touch screen – Daily operating and settings changing are user friendly. Minimum protection class is IP 54, which may vary according to customer needs. Machine is equipped with Siemens safety logic; reducing extra safety relays and maintenance cost. Standard communication protocol is Profinet and customizations are made e.g. with Profibus. Flexible integration to factory systems is available as an option.

HYDRAULIC UNIT
Hydraulically operated wrapping functions are reliable, efficient and easy to maintain. Well sealed cabinet has easy access, and it provides dust protection and noise reduction. Cabinet structure and component placing allow efficient cooling.

WRAPPING CONVEYOR
Smooth start & stop feature ensures that the bale stays undamaged during the vertical wrapping. Customizable for different bale sizes.

ROLL HOLDERS
The amount of roll holders 1-3 and three stretching options offer fast and economical wrapping. The amount of roll holders depend on production volume. Film roll change from floor level improves working safety.

SAFETY FENCE
Safety fencing is equipped with interlocked system and transparent impact glass. CW safety fences fulfil the safety regulations and are included in deliveries according to customer needs.

ROTATING TABLE
Horizontal wrapping closes the bale, strengthens the bale sides and optimizes the film consumption to the right places. This ensures the bale is durable with lower film consumption.

STORAGE CONVEYOR
Heavy duty belt conveyor keeps the wrapped bale unaltered. Dimensions can vary according to the bale size and production volume. Optional longer storage conveyor gives flexibility for production and turning table option is available for bigger volumes.
CW 2200 BALE WRAPPER MEETS THE VERSATILE NEEDS OF WASTE INDUSTRY

Crosswrapped bales in storage and transportation.

Crosswrapped bales as a buffer and storage at Waste-to-Energy plant.

Crosswrapped bales at dry landfill minimize the odor, litter and pests.

OPTIONS

OPENING SAFETY FENCE
Easier maintenance and cleaning when fencing can be moved aside. Equipped with interlocked system and transparent impact glass.

WEIGHING
Data can be monitored from a control panel and transferred to factory's control systems.

LABELING
Labeling enables bale identification for storage and transport needs. Labeling may include wrapping date, material, bale weight, logo and QR-/barcode information.

CLEANING CONVEYORS
Cleaning conveyors collect the dropping litter minimizing cleaning cost. High quality belt conveyors ensure easy maintenance.

REMOTE CONTROL
Customizable remote control allows the operator to start and stop the machine and run the conveyors. This reduces workload, improves working safety and enables immediate actions, e.g. to stop the machine.

FILM WATCH
Alerts the operator if the film breaks or runs out. Film watch makes the operation smooth and continuous.
The Cross Wrap’s product range meets safety requirements of the industry and the manufacturing process is supervised under the certified quality system ISO9001.

Cross Wrap Ltd. is the world leader in manufacturing automatic wrapping machines and bale openers for the waste industry, including RDF, SRF, MSW and recyclables. We also operate internationally in the wood products and other industries. 450 machines delivered to 55 countries – with more than 45,000,000 bales Cross Wrapped to date.