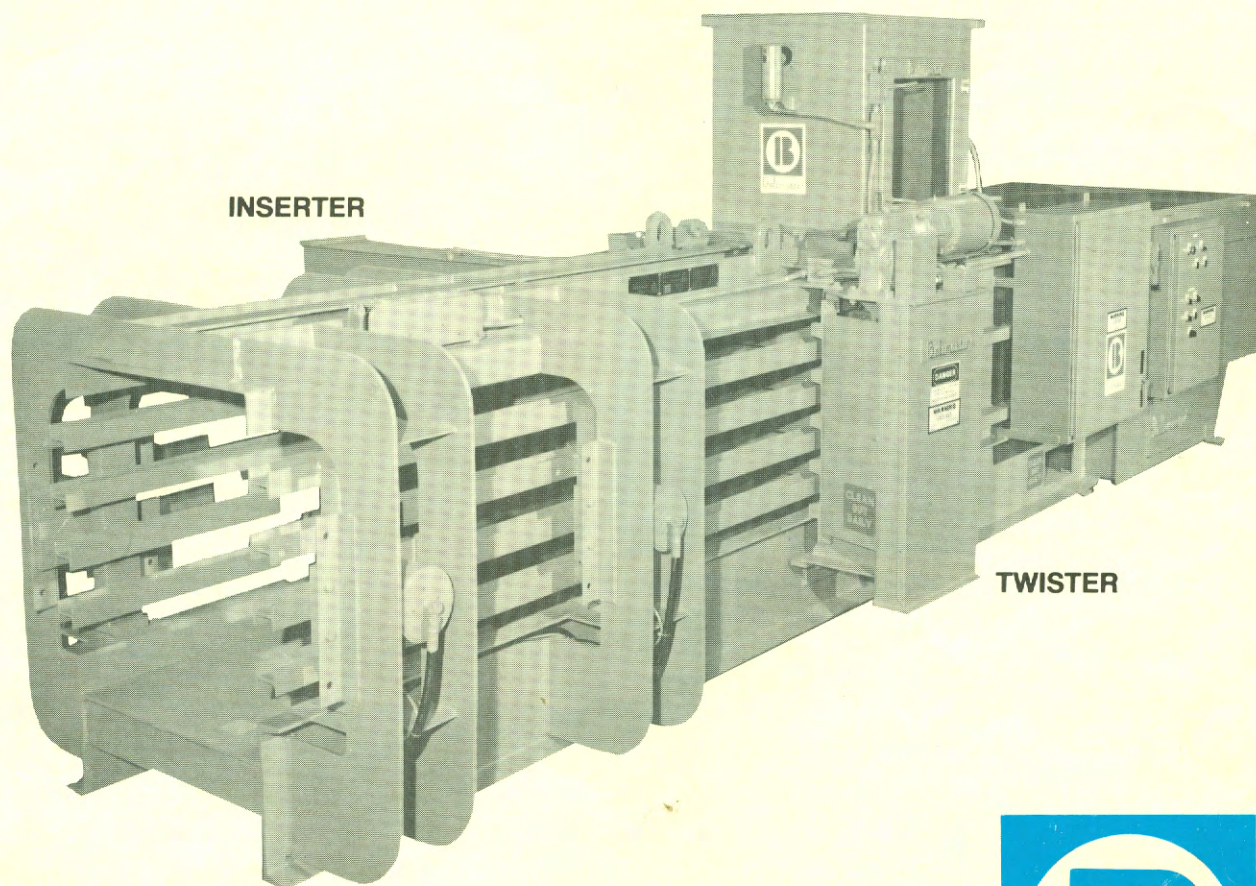


AUTO-TY

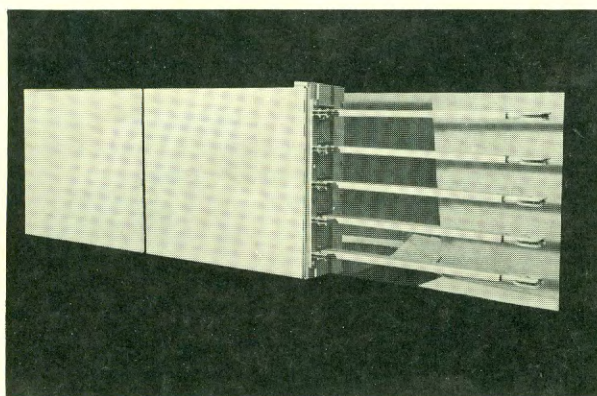
by **BALEMASTER®**



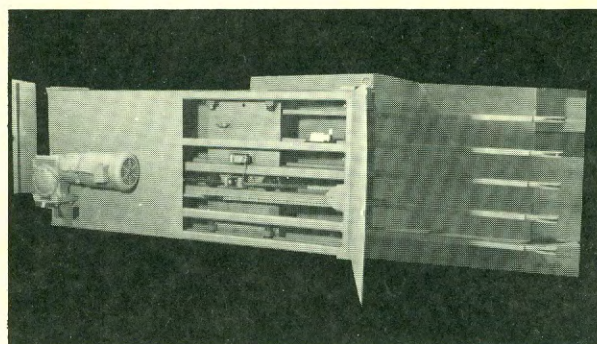
***Engineering vision
is the prime ingredient
in every Balemaster® product***

Balemaster - ENGINEERED IT

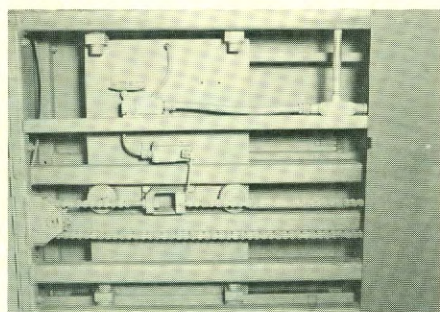
BALEMASTER AUTO-TY INSERTER



REVERSE SIDE



For reliability and accuracy the Balemaster Inserter is driven by a gear reducer and electric motor with brake, eliminating the problems associated with hydraulic or ball screw drives.

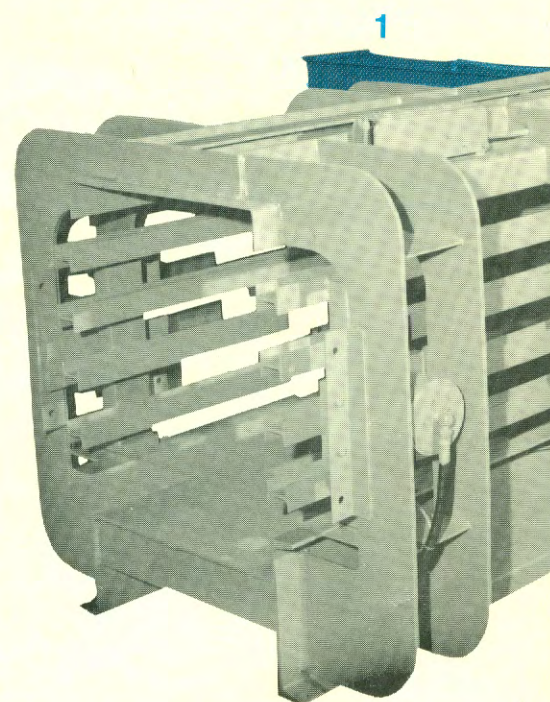
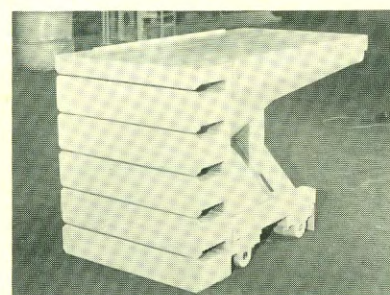


DETAIL
REVERSE SIDE

Close up of the carriage plate showing the heavy duty, oversize, cam roller guidance system, adjustable limit switch control, and chain monitoring switch which shuts off the baler if the inserter meets excessive resistance.

BALEMASTER AUTO-TY RAM

Balemaster Auto-Ty Ram. Note the heavy duty rollers and oversize liners for maximum guidance. The special needle slots eliminate the troublesome hinge covers.



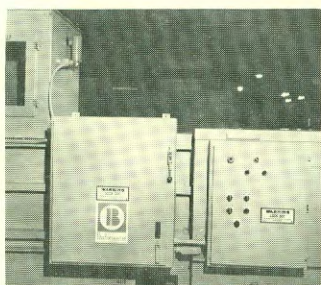
BALEMASTER

DIVISION OF EAST CHICAGO MACHINE

980 CROWN COURT — CROWN POINT,
219/663-4525

SIMPLE TO MAKE IT RELIABLE

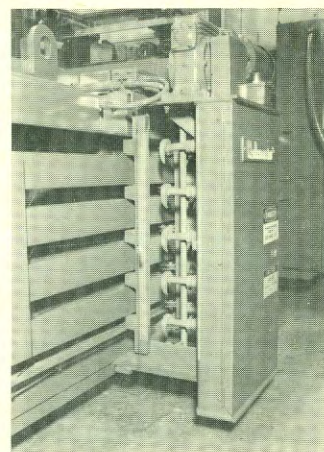
ELECTRICAL CONTROLS



3

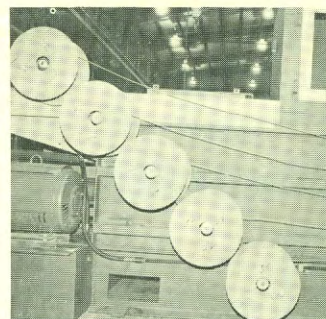
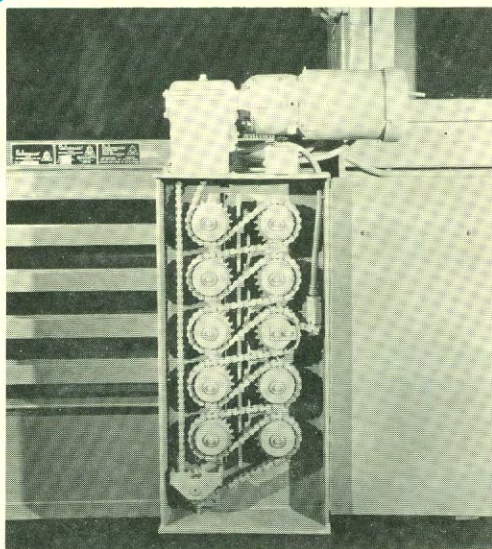
Fully automatic or complete manual control of all Auto-Ty functions. Short bale button allows tie off at will. The control circuitry (120v) is U.L. listed. The high voltage (480,240,208v) is located in a box with a disconnect switch as required by ANSI Code Z245.5-1982.

BALEMASTER AUTO-TY TWISTER



AUTO-TY TWISTER

3/4 view of the twister showing the heavy duty* twister hooks, oversize twister shafts and massive 3/4" thick discharge bar to handle down to 10 gauge wire.



2

Front view of the twister showing the heavy duty, simple, clean design and construction of the drive and cutter mechanism. Chain driven by a gear reducer and electric motor. A motor brake is standard for precise control and stopping. Notice the convenient location of emergency stop buttons as required by ANSI Code Z245.5-1982.

*See Bulletin 576-6 for Twister Hook comparison.

TER®

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INDIANA 46307

Balemaster®

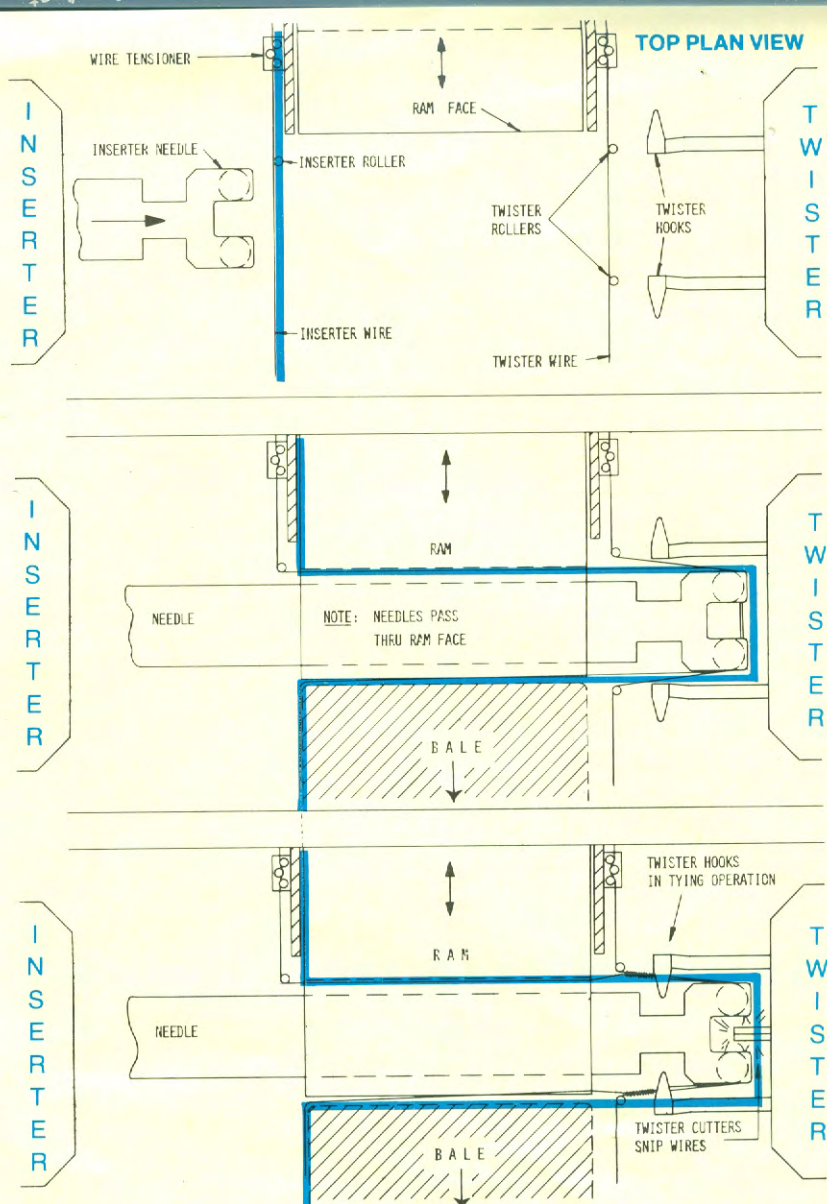
AUTOMATIC AUTO-TY SEQUENCE

NORMAL BALING — The baling ram reciprocates between the stored (rear) position and a forward limit switch which stops the ram before the end of the full forward stroke. This foreshortened stroke prevents the seal between the side walls of the baler and the material being baled from being broken, thereby controlling dust and blowout. The ram reciprocates between these two positions until a bale is formed to preset length.

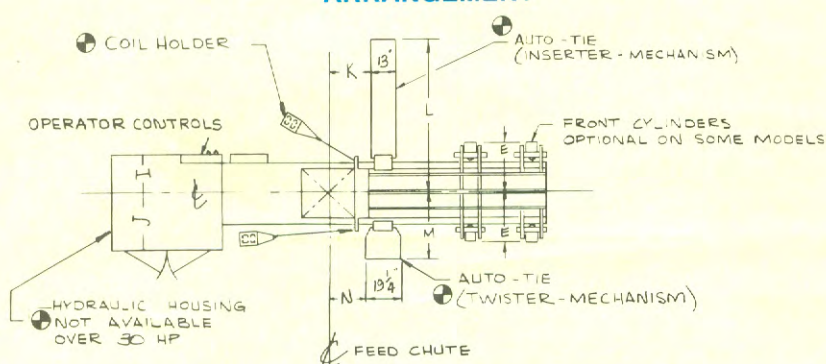
AUTO-TY NEEDLE INSERTION — After the bale is formed to length, the counter signals the Baler to tie off the bale. The ram proceeds to the full forward position (beyond the normal baling stroke above) to the tie off position. Two separate limit switches must be activated before the Auto-Ty sequence will commence. After the two separate limit switches are activated, the needles insert five wires through the ram into position in the tying head. Note: The wires are guided by rollers for proper tensioning and at each change of direction for a positive and smooth operation. The wire ties are made at the side of the needles to prevent contamination of the ties by material.

AUTO-TY TYING — With the wires in position, the twister head rotates and all five wire positions are simultaneously twisted and cut. After cutting, the twister continues to rotate twisting the two wires together forming two knots at each of the five positions, for the completed bale and one for the new bale to be formed. After the tie is completed, the twister reverses to disengage the knots, the needles retract, the bale length counter is reset to the preset length, and the baler is ready to form a new bale.

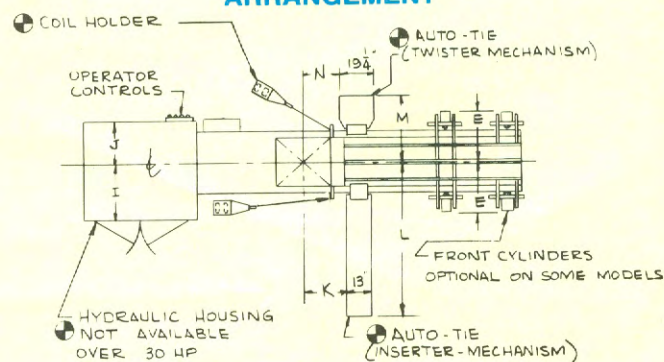
ALL OF THE ABOVE IS ACCOMPLISHED IN JUST 30 SECONDS.



LEFT HAND AUTO-TY ARRANGEMENT



STANDARD AUTO-TY ARRANGEMENT



As we constantly strive to improve our product, specifications are necessarily subject to change without notice.



Division of East Chicago Machine Tool Corporation

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LICENSEE IN EUROPE — BALEMASTER EUROPE B.V., NUTH, HOLLAND
TELEPHONE (045) 24 43 43, TELEX 56449

Your Local Balemaster Representative is: