

Advanced Auto-tie SHEAR Balers



MAREN
Balers & Shredders
Building customer loyalty since 1962.



ProPAK A160
high production shear balers

Corrugated Box | Folding Carton | Printing | Converting
Tissue | Envelope | Document Destruction



Maren Balers have long been regarded the standard of the box, printing, and process industries.

The Maren ProPAK-A SERIES takes that standard to an even higher level. These balers are built specifically for the difficult duty cycle required in corrugated box, folding carton, printing, converting, envelope and tissue industries. If you run a high volume operation and things like bale weight, up time, durability, safety, serviceability and cleanliness keep you up at night take a good look at the Maren ProPAK-A SERIES.

With multiple horsepower options and several hopper sizes to choose from these workhorse's fulfill virtually any production requirements.

FEATURES:

- : "A" Frame single cylinder tension chamber takes advantage of maximum ram force during full pressure baling.
- : Bale sizes 30" x 40" x variable length, with weights up to 1750 lbs.
- : Hopper sizes to adapt with any air conveying system
- : Advanced automatic 5-wire bale tier with electrically driven inserter and twister.
- : Optional 1000# bulk wire feed system.
- : Optional easy lifting electric hoist wire loading boom.
- : Advanced progressive shear blade design with 30" penetration reduces shear jams and utilizes maximum ram pressure for compaction. Maren shear blade is a replaceable double edge design made of hardened and ground tool steel.
- : Interlocking baler chassis and ram is constructed of high strength plate steel, significantly increasing the strength of welded joints.
- : High strength steel plate floor is further reinforced with a replaceable AR400 abrasion resistant wear plate for ultimate durability, and virtually limitless service life.
- : Sealed tight and serviceable, the main ram is guided and sealed on bottom and sides by long wearing NyOil wear plates. The top of the ram is sealed tight with a spring loaded AR400 scraper. This provides unparalleled sealing and prevention of material migration behind the ram.
- : Chassis service door for easy access ahead and behind main ram. Door is electronically interlocked and can be padlocked to provide secure access only by maintenance personnel.
- : Maren's exclusive key lock main cylinder mount removes main cylinder tension from bolts while allowing easy services and maximum cylinder mount durability.

TOUCH SCREEN OPERATOR INTERFACE:

- : 10.4" Allen-Bradley Panelview.
- : Displays the baler's current status and indicates bale percentage complete with graphic progress bar.
- : Allows selection of saved material settings controlling bale length, photo eye options, etc.
- : Dual motor models when equipped, allow the operator to select either motor/pump A or B to operate, or allow automatic on demand activation of second motor.
- : Displays and stores machine faults, E-stop status and allows service personnel to display a fault message history log.
- : Optional conveyor controls allow operator to select upper or lower photo eye activation, run, jog, stop, conveyor auto stop delay and more.
- : Password protection allows operators to access run time features while blocking service only adjustments for authorized maintenance.



ProPAK A SERIES

high production shear balers



Hardened tool steel progressive shear blade and 30" penetration all but eliminates shear jams.



Maren's unique 100% gear driven twister maintains timing and avoids problems common with chain driven systems.



Lower ram chassis inspection door for easy maintenance access.



Key lock cylinder design provides maximum cylinder mount durability and allows easy maintenance access.



Raiser kit allows for easy cleaning and clearing around baler.

A160

DESCRIPTIONS

SPECIFICATIONS

Feed Opening – Width	27.5"
Feed Opening – Length	30" or 40"
Feed Opening – Depth	40"
Main Cylinder	7"
Operating Pressure	4200 PSI
Ram Force	161,635 lbs
Baling Force	134.7 PSI
Horsepower Options	Single 20/30, Twin 20/30
No Load Cycle Time	7.7 secs to 16 secs
No Load Displacement	Up to 18,700 cf/hr
Bale Size	30 x 40 x Variable Length
Typical Bale Density	OCC up to – 30#/cf

A160 MODEL INCLUDES

- Oil Cooling :** Closed loop air oil cooler w/ independent circulation pump
- PLC :** Allen-Bradley Micrologix
- HMI :** 10.4" Allen-Bradley Panelview
- Floor Liners :** AR400 replaceable floor liners
- Optional :** Full tank of oil shipped with baler
Bale wire run out sensor additional
5' or 10' Heavy Duty Bale Slide can be added



Because of Maren's continuous product improvements and changes, the features and specifications in this brochure are subject to change without notice.



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