



**KERNIC**  
S Y S T E M S



**MAREN**  
*Balers & Shredders*  
Building customer loyalty since 1962.

**Advanced Auto-tie  
SHEAR Balers**  
**for the Paperboard,  
Fiber and Tissue  
Converting  
Industries**



**ProPAK A SERIES**  
*high production shear balers*

**Corrugated Box | Folding Carton | Printing | Converting | Tissue | Envelope**



# 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.



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 up to 48"w x 42"h x variable length producing bales over 3000 lbs.
- : Hopper sizes to adapt with any air conveying system
- : Advanced automatic bale tier with electrically driven inserter and twister.
- : Optional 1000# bulk wire feed system.
- : Optional easy lifting electric hoist wire loading boom.
- : Maren balers ship with full tank of oil and 10' heavy duty bale slide section.
- : 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 NyLOil 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 Plus 7 color touch screen.
- : 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.





# A235 SPECIFICATIONS:

## Charge Hopper :

Length	48	64	80
Width	42	45	48
Depth	42	42	42

## Overall Dimensions (inches) :

Length	329	361	394
Width	165	168	171
Width (at A-Frame)	92	95	98
Hopper Height	97	97	97

## Product Bale :

Width	42	45	48
Height	42	42	42
Length	Adjustable		

**Bale Tier :** Maren 6-wire automatic bale tier

**Cylinder :** 10" bore

**Hydraulic System Pressure :** 3000psi

**Ram Thrust :** 235,619lbs

**Power Pack :** Up to 150hp

## Chassis Construction:

3/4" Interlocking plate steel

# A190 SPECIFICATIONS:

## Charge Hopper :

Length	48	64
Width	36	36
Depth	42	42

## Overall Dimensions (inches) :

Length	329	361
Width	157	157
Width (at A-Frame)	86	86
Height	97	97

## Product Bale :

Width	36	36
Height	42	42
Length	Adjustable	

**Bale Tier :** Maren 6-wire automatic bale tier

**Cylinder :** 9" bore

**Hydraulic System Pressure :** 3000psi

**Ram Thrust :** 190,851lbs

**Power Pack :** Up to 150hp

## Chassis Construction:

1/2" Interlocking plate steel

# A160 SPECIFICATIONS:

## Charge Hopper :

Length	30	40
Width	30	30
Depth	40	40

## Overall Dimensions (inches) :

Length	293	313
Width	146	146
Width (at A-Frame)	82	82
Height	95	95

## Product Bale :

Width	30	30
Height	40	40
Length	Adjustable	

**Bale Tier :** Maren 5-wire automatic bale tier

**Cylinder :** 7" bore

**Hydraulic System Pressure :** 4200psi

**Ram Thrust :** 161,635lbs

**Power Pack :** Up to 100hp

## Chassis Construction:

3/8" Interlocking plate steel

## ALL MODELS INCLUDE:

- Oil Cooling :** Closed loop air oil cooler w/ independent circulation pump
- PLC :** Allen-Bradley Micrologix
- HMI :** 10.4" Allen-Bradley Panelview Plus 7 color touch screen
- Floor Liners :** AR400 replaceable floor liners
- Additional :** Full tank of oil shipped with baler  
Bale wire run out sensor  
10' heavy duty bale run out slide



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



**MAREN**  
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Your authorized dealer



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