



MAREN
Balers & Shredders
Building customer loyalty since 1962.

ProPAK 2R185 **two ram baler**

The Model ProPAK 2R185 is a fully automatic 2 RAM baler. The extra large feeder hopper can be adapted to gravity, pneumatic or belt conveyor automatic feed devices. After each bale is made, the chamber completely clears—so go ahead, switch materials on the fly—without making unwanted contaminated bales. A built-in shear eliminates the unnecessary extra step of “pre-conditioning” difficult materials. Using either Accent 470 or L.P. Pinnacle II wire-tie systems, the bale gets tied underneath and the short way: saving wire, increasing bale density and holding bales together better during transportation.

This adds up to time and money savings!

Operator Interface saves a machine configuration for each different commodity being baled. Operator selects the material being baled and the 2R automatically configures for the commodity to be baled.

- **Largest Hopper Opening of its Class**
- **Highest Ram Face Pressure of its Class**
- **Most Durable Baler of its Class**
- **Exclusive Smart Bale Technology**



**DISTRIBUTION
CENTERS**

**PAPER
CONVERTERS**

- **Intelligent bale & material monitoring**
- **Advanced high pressure hydraulics**
- **Durable structure with interlocking construction**

CHASSIS

Height	
w/ conveyor –	124"
w/o conveyor –	77"
Width	
w/o bale table –	206"
Length –	214"
Baler shipping weight –	28,100 lbs.

FEATURES:

- : Interlocking construction; stress is barred on steel not welds
- : Chassis floor, sides and top are single sheet plate steel
- : No metal-to-metal contact in baling chamber platen guides on Nyoil wear bearings
- : Abrasion resistant 450 hardened wear liners eliminate costly floor replacements
- : Progressive shear cuts material over a distance, allowing difficult materials to pass without jams
- : Machine can be greased from exterior
- : 150 gallon hydraulic oil reservoir shipped full of oil—no oil to buy
- : Pressure-sensing clogged oil filter sensor eliminates wasteful time-based maintenance practices by notifying operator when filter actually warrants replacement
- : Ram position based on laser distancing (no moveable wear items such as limit switches)
- : Bale Separation door allows for 13" of over charge
- : All safety E-Stops monitored by a redundant monitoring system

PERFORMANCE DATA:

Motor : 20hp ; (30hp Optional) TEFC Motor 460 Volt 3 Phase. Efficiency of hydraulic system allows for higher production rates with lower horsepower required

Hydraulic : 48 GPM 4400 psi rated, horsepower limited pressure compensated piston hydraulic pump w/ high pressure unloading valve, mounted below tank level to eliminate start up cavitation and extend pump life

Hydraulic System : Regenerative, 4,100 psi hydraulic pressure, 4500 psi max system pressure

Platen Force : 187,000 lbs.

Platen Pressure : 109 psi.

Cycle Time : SHORT : 24 seconds; FULL : 28 seconds

TOUCH SCREEN OPERATOR INTERFACE:

- : Save a machine configuration for each different commodity being baled. Operator selects the material being baled and the 2R185 automatically configures for the commodity to be baled
- : Automatically cycles rams between commodity changes to eliminate bale contamination
- : Create and save specific material recipes
- : Shows exactly how much bale is complete inside the chamber for easy material changes
- : Adjust speed of conveyor(s) independently
- : Password protected maintenance screens accessible to onsite maintenance staff allow further customization and simplify trouble shooting

BALEWEIGHTS (TONS/HR.) *

OCC	1,500 lbs. : SHORT STROKE – 1,600 lbs. : FULL STROKE (4.4)
MAGAZINES	2,000 lbs. (9)
NEWSPAPER	1,500 lbs. (8)
OFFICE PAPER	1,600 lbs. (8)
ALUMINUM CANS	700 lbs. (2.9)
TIN CANS	1,250 lbs. (5.5)
HDPE	1,125 lbs. (3.4)
PET	1,000 lbs. (2.5)

(percentage of caps on bottles will vary bale weights)

BALE SIZE :

Length	60"
Width	38" - 51" (*OS)
Height	30"

* Bale Weights are approximate, and may differ with moisture content, material density, etc.

* Due to Maren's commitment to product quality and refinement, these specifications are subject to change without notice, and without incurring responsibility to units previously sold.

IF YOU THOUGHT YOU KNEW MAREN—LOOK AGAIN

*The ONE SOURCE for innovation
for your Waste Management System.*

BALERS

Horizontal Auto Tie Balers
Closed Door Manual Tie Balers
2 Ram Balers
Wide Mouth Balers
Sawdust/Paper Dust Baler
Foam & Textile Balers
Vertical Balers

SHREDDERS

Pinch Conveyor Shredder
Top-Feed Shredder
Floor Sweep Shredder

CONVEYORS

Rubber Belt Slider Bed
Steel Belt Chain Edge
Automatic bale storage & weighing systems

BALING WIRE

CUSTOM SYSTEMS

DRUM CRUSHERS

USED EQUIPMENT



MAREN
Balers & Shredders
Building customer loyalty since 1962.

708-333-6250
800-875-1038

sales@marenengineering.com
www.marenengineering.com

111 West Taft Drive
South Holland, IL, 60473