



MAREN
Balers & Shredders
A Komar Company

Recycling and
Distribution Centers
Paper Converters
Printers



ProPAK 2R185

two ram baler



SMART Bale
intelligent baler control

When there's TONS of work to be done, work smarter with our app! With Maren's Optional Smartbale Mobile Remote interface you can monitor and control the operation of your ProPak two ram baler with a portable full color touch screen. Easily monitor bale size and statistics, read messages, clear jams and change materials safely from the seat of your loader.

That means your loader operator is now your baler operator too!

Features:

Large "Wide Box" (54"W x 48"L), clear opening with standard tongue and groove floor, ideal for both post-Industrial cardboard and scrap metals, while easily processing paper, fiber, plastic and other recyclables.

Interlocking construction; stress is barred on steel not welds.

Chassis floor, sides and top are single sheet plate steel.

Abrasion resistant AR400 hardened wear liners eliminate costly floor replacements.

Progressive shear cuts material over a distance, allowing difficult materials to process without jams.

150 gallon hydraulic oil reservoir (optionally) shipped full of oil.

Maintenance reminders for hot oil, low oil and plugged oil filter on operator interface.

Ram position based on laser distancing. (No moveable wear items such as limit switches).

All safety E-Stops monitored by a redundant monitoring system.

- **Intelligent bale & material monitoring**
- **Advanced high pressure hydraulics**
- **Durable structure with interlocking construction**
- **Highest Ram Face pressure of it's class!**

The Model **ProPAK 2R185** is a fully automatic 2 RAM baler. The large feed hopper can be adapted for manual, pneumatic or conveyor feed devices. A Bale Separation Door assists in eliminating unwanted contaminated bales along with providing relief for oversize bales. "Preconditioning" is unnecessary due to a progressive shear blade design that is replaceable and made of hardened and ground tool steel. Using an Accent 470 wire tie system the bale is tied around the short dimension resulting in wire savings and better bale integrity during transportation. ***This adds up to time and money savings!***

Touch Screen Operator Interface:

Maren's SmartBale **Intelligent Baler Control** allows password protected saving of a complete set of parameters for each commodity to be baled. At run time the operator simply selects the proper material from a drop down list and the **ProPak 2R185** automatically configures for the commodity to be baled. Settings automatically adjusted include wire count, wire placement, baling pressure, bale size, photo eye selection, conveyor speed, multi motor settings and many more.

Displays statistics such as current bale size, remaining for full bale, average charge and largest charge, all helping the baler operator make easy cleanup free material changes.

Password protected maintenance screens accessible to onsite maintenance staff allow further customization and simplify troubleshooting with troubleshooting screens for inputs, outputs and other statistics.

Performance Data:

Motor: 20hp; (30hp Optional) TEFC 3 Phase motor.

Efficiency of hydraulic system allows for higher production rates with lower horsepower required.

Hydraulic: A simple but innovative hydraulic system allows the **2R185** to run faster and more efficiently while being more serviceable. Highly efficient piston pumps rated for 5,100 psi run at only 4,200 psi ensuring less stress and long life. All pumps are mounted below tank level to eliminate start-up cavitation and extend pump life.

Hydraulic System: Regenerative, 4,200 PSI hydraulic pressure, 5,100 PSI max system pressure.

Platen Force 187,000 lbs. | **Platen Pressure** 109 psi.

Cycle Time

SHORT: 18.5 seconds; FULL: 28 seconds



Highest Ram Face pressure of it's class!

The ProPak 2R185 cylinders deliver up to 187,000 lbs. of platen force, over 20% more force than competitive balers using 8" cylinders.



Advanced progressive shear blade design slices through material eliminating shock, maximizes shear performance and reduces the risk of shear jams.

Chassis:

Height

w/ conveyor – 124"
w/o conveyor – 77"

Width

w/o bale table – 206"

Length

w/o conveyor – 214"

Baler Shipping Weight

28,100 lbs.



Bale Weights *

OCC 1,500 lbs. (short stroke)
1,600 lbs. (full stroke)

MAGAZINES 2,000 lbs.

NEWSPAPER 1,500 lbs.

OFFICE PAPER 1,600 lbs

ALUMINUM CANS 700 lbs.

TIN CANS 1,200 lbs.

HDPE 1,125 lbs.

PET 1,000 lbs.

(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.

The one source for Reliability, Productivity & Innovation... Leading the way in paper converting baling.



MAREN
Balers & Shredders
A Komar Company

708-333-6250
800-875-1038

sales@marenengineering.com
www.marenengineering.com

111 West Taft Drive
South Holland, IL. 60473