

# **REB-1**

## **TWO-RAM BALER**

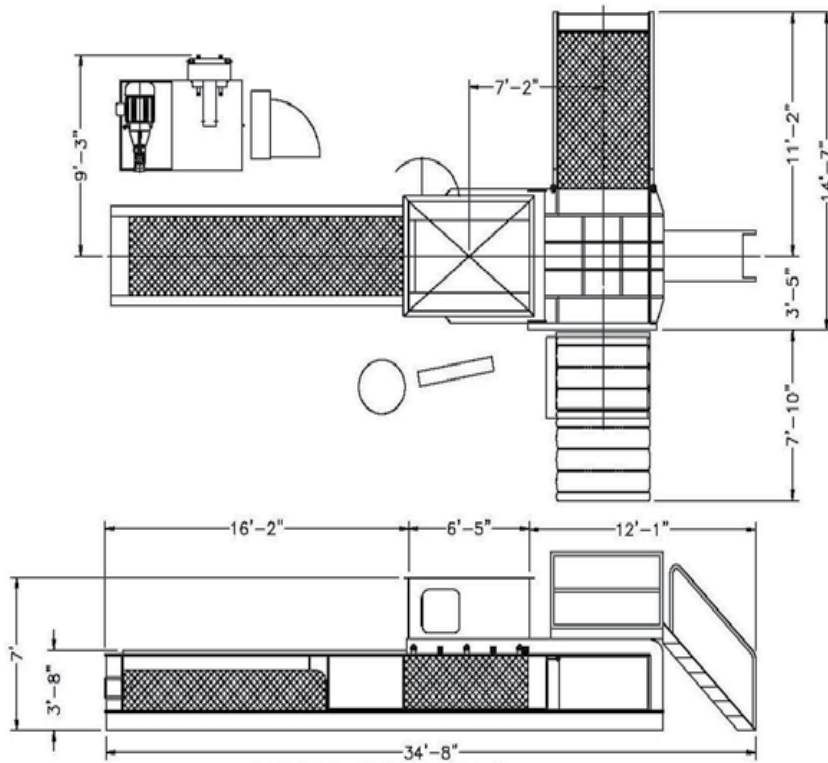
Aluminum, Extrusions, Cans, Stainless Steel, Copper, Radiators and Wire are easy work for the Sierra REB-1. The REB-1 will also bale ALL your OCC, Paper and PET.



## **Standard Features**

- 75 HP (56kw), 480 volt, 3 phase, 60 hertz
- 4500 PSI (306 bar) hydraulic system operating pressure
- Wye Delta main motor starting
- Filtration: 5 micron return-line, 3 micron kidney loop
- Flooded suction power unit
- Oil Cooler/Heater
- Adjustable Ram guides "patent pending"
- Separation Door with Bale relief
- Tongue and Groove floor liner plates
- Hardox 450 Replaceable liners
- Allen Bradley PLC
- Panelview HMI provides for material selection and diagnostics
- Modem for on site diagnostics
- Automatic Operations on Most Materials
- Conveyor controls
- Main Ram penetration 60% of bale chamber
- Heavy Duty Frame and Ram construction
- Automatic Wire Tier (Accent or L&P at customer's choice)
- Operator's platform
- Bale Table

# **SIERRA**



## Specifications

Overall dimensions:	360"L x 175"W x 84"H
Hopper opening:	60"W x 77"L
Charge box opening:	41"W x 72"L
Bale size expanded:	46"W x 31"H x 62"L
Dry cycle capacity:	12,000 CU.FT./ HR
Dry cycle time:	15 SECONDS
System pressure:	4500 PSI
Shear / Baling force:	143 TONS
Ramface pressure:	241 PSI
Main pump flow:	153 GPM
Main motor:	75HP – 460V – 3 PH – 60 HZ – TEFC
Shipping weight:	55,000 Lbs

## Performance

Material	Bale Weight
*Aluminum Sheet	1500 - 2000 Lbs.
*Aluminum Extrusions	1200 - 1400 Lbs
*Copper Wire	3300 - 5500 Lbs.
*Copper Tubing	3800 - 4200 Lbs.
*Radiators	2800 - 3500 Lbs.
*Stainless Steel	3500 - 4500 Lbs.
*Aluminum Cans	1000 - 1100 Lbs.
*PET Bottles	1100 - 1200 Lbs.
*OCC	1400 - 1600 Lbs.
*News	1200 - 1600 Lbs.
*Solid Waste	2300 - 2500 Lbs.

\*Note: Performance rates, bale weights and bale densities are subject to moisture content, material pre-bale densities, feed rates and other variables in baling.

\*Sierra Reserves the right to change specifications without notice. Rev. 2-3-12

# SIERRA

www.sierraintl.com  
 Ph: (661) 327-7073 | USA - (800) 343-8503  
 1620 E. Brundage Lane | Bakersfield, CA 93307