



TWO-RAM BALER

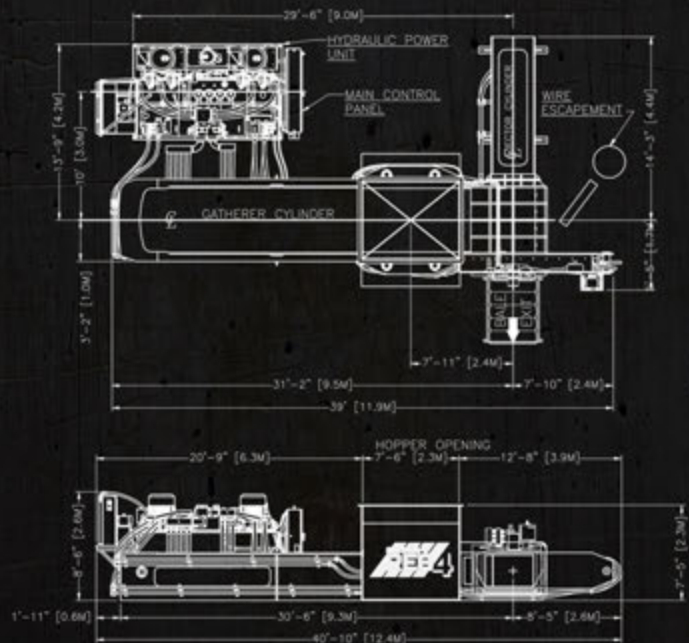
THE ONLY TWO-RAM BALER THAT FEATURES SIERRA'S PATENT PENDING DUAL-COMPRESSION DOORS



SPECIFICATIONS

OVERALL DIMENSIONS 40'-10" L X 19'-5" W X 89" H
 HOPPER OPENING 74" W X 90" L
 CHARGE BOX OPENING 57.5" W X 90" L
 BALE SIZE EXPANDED 31" H X 45" W X 62" L
 DRY CYCLE CAPACITY 50,000 CU. FT./HR
 DRY CYCLE TIME 12 SECONDS
 SYSTEM PRESSURE 4500 PSI
 SHEAR/BALING FORCE 254 TONS
 RAMFACE PRESSURE 304 PSI
 MAIN PUMP FLOW 564 GPM
 MAIN MOTOR (2) 2@ 125HP-460V-3HP-60HZ-TEFC
 SHIPPING WEIGHT 65 TONS

LAYOUT



SIERRA®

RECYCLE EVERYTHING BALER

	REB-1		REB-2		REB-4
	75 HP		150 HP	250 HP	
Main Cylinder	9" Bore - 143 Tons		12" Bore - 254 Tons		12" Bore - 254 Tons
Gatherer Face Pressure	241 PSI		304 PSI		304 PSI
Eject Cylinder	8" Bore - 88 Tons		8" Bore - 113 Tons		8" Bore - 113 Tons
Ejector Face Pressure	105 PSI		205 PSI		205 PSI
Door Cylinder	6" Bore - 49 Tons		7" Bore - 87 Tons		7" Bore - 87 Tons
Door Face Pressure	270 PSI		480 PSI		360 PSI
Dual-Compression Door Cylinders	N/A		N/A		6" Bore - 55 Tons
DCD Face Pressure	N/A		N/A		300 PSI
Bale Size	30 x 45 x 62		30 x 62 x 45		30 x 62 x 45
Main Motor	75 HP Y/D start	2 x 75 HP Y/D start	2 x 125 HP Y/D start	2 x 125 HP Y/D start	2 x 125 HP Y/D start
PLC Type	Allen Bradley MicroLogix				
Operator's Display	Allen Bradley PanelView				
Material Setup	16 Materials with 15 Baling parameters per material (Save, Restore and Reset Factory Defaults)				
Reservoir Capacity	500 Gallons	900 Gallons	1400 Gallons	1400 Gallons	1400 Gallons
Total Pump Flow	153 GPM	306 GPM	564 GPM	564 GPM	564 GPM
Pump Type	Kawasaki Piston / Vickers Vane				
Hydraulic System Pressure	4500 Psi Operating Pressure				
Oil Filtration	Return line Oil filtered 5 Micron / On/Off Line filtration 3 Micron				
Hopper Opening	60" W x 77" L		78" W x 101" L		74" W x 90" L
Box Opening	41" W x 72" L		57.5" W x 96" L		57.5" W x 90" L
Charge Box Displacement	50 Cu Ft	100 Cu Ft	100 Cu Ft	100 Cu Ft	175 Cu Ft
Dry Cycle Time	14 Seconds	15 Seconds	9 Seconds	9 Seconds	12 Seconds
Approximate Tie Cycle (5 Ties)	35 Seconds	35 Seconds	30 Seconds	30 Seconds	30 Seconds
Shipping Weight Lbs.	27.5 Tons	45 Tons	50 Tons	50 Tons	65 Tons
Shipping Truck Loads	2 Legal Loads	1 Legal and 1 Heavy Haul (within dimensional limits)			
Electrical Service @ 480V	225 Amp	350 Amp	500Amp	500Amp	500Amp
Standard Colors	Red/Silver				
Auto Wire Tier	Accent 470 Wire Tier available in 10ga, 11ga or 12ga wire size				
Typical Bale Weights/TPH**	Weights / TPH	Weights / TPH	Weights / TPH	Weights / TPH	Weights / TPH
Extrusion	1325 / 6	1400 / 9	1400 / 12	1400 / 12	1450 / 14
Copper Radiators	2800 / 9	3400 / 14	3400 / 16	3400 / 16	3450 / 18
Aluminium Sheet	1850 / 5	2000 / 8	2000 / 10	2000 / 10	2050 / 12
Copper Wire	3800 / 12	4000 / 20	4000 / 25	4000 / 25	4000 / 30
Unflattened Beverage Cans	1100 / 5	1200 / 10	1200 / 12	1200 / 12	1200 / 18
P.E.T. Bottles	1250 / 5	1400 / 8	1400 / 10	1400 / 10	1400 / 17
Old Corrugated Containers	1500 / 8	1550 / 15	1550 / 22	1550 / 22	1550 / 28
Old News Papers	1700 / 14	1750 / 24	1750 / 34	1750 / 34	1750 / 42

** BALE WEIGHTS AND TPH ARE AVERAGE AND MAY CHANGE DUE TO MOISTURE CONTENT, MATERIAL DENSITY, ETC.

***SIERRA RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE. REV. 04-17-2018

SIERRA INTERNATIONAL MACHINERY, LLC.

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