BALEMASTER "EO" SERIES CONTINUOUS HORIZONTAL BALING PRESSES
GENERAL MACHINE SPECIFICATIONS

Group 8 (4500 Series) – Standard Feed Chute					
Specification:	**EO-690**	**EO-970**	**EO-1340**	**EO-1850**	**EO-2450**
Bale Size (Width X Height) (Fully Adjustable Length)	48" X 40"				
Hydraulic Unit Power	50 HP (Regen)	75 HP (Regen)	100 HP (Regen)	150 HP (Regen)	225 HP (Regen)
Standard Feed Chute Opening (Width X Length)	45.5" X 75"				
Empty – Ram Stroke Cycle Time	27.9 sec	20.6 sec	15.5 sec	11.7 sec	8.2 sec
Empty – Ram Strokes per Minute	2.2	2.9	3.9	5.1	7.3
Ram Cylinder Diameter	12"				
Charge Chamber Volume	94.1 ft^3				
Total Ram Thrust @ Relief Pressure (3,000 psi)	339,300 lbs. = 169.7 tons				
Compaction @ Relief Pressure (3,000 psi)	177.4 lbs. per in^2 (@ Ram Face)				
Compaction @ Relief Pressure (3,000 psi)	12.8 Tons per ft^2 (@ Ram Face)				
Hydraulic Tank Capacity	350 gallons		400 gallons		600 gallons
Automatic Bale Density Control Configuration	9 – 6" Cylinders				
Auto-Ty Configuration	5 Wire Ties				
Approx. Gross Weight (Includes Auto-Ty, Oil)	54,000 lbs.	54,100 lbs.	54,750 lbs.	54,950 lbs.	56,850 lbs.

Standard with All Models:				
Fully Automatic Features:	Baling Ram Cycle	Pump Start/Stop (Energy Saver)	Bale Tying Length (1" Increments)	Full Width Spring Loaded Bale Locks
Dust Control Features:	Fully Enclosed Ram Chamber	Ram Chamber Seal Only Broken During Tie Cycle	Ram Wiper	Filtered Hydraulic Tank Breather
Installation/Maintenance Features:	Prewired Control Circuit – 115 V	Replaceable Ram Liners/Rollers	Dual Vane Pump (High Pressure/ High Volume)	Filtered Pump Suction Intake

FACTORY INSTALLED ELECTRICAL EQUIPMENT MEETS OSHA AND NATIONAL ELECTRICAL CODES
***NUMBERS ARE ROUNDED/APPROXIMATED**

BALEMASTER PERFORMANCE SPECIFICATIONS: MAXIMUM RATED CAPACITY SCHEDULE
GROUP 8 – 4500 SERIES

The maximum rated capacity for each baler model relates directly with the loose bulk density of the materials within the baler charging chamber. The loose bulk density is averaged in pounds per cubic foot within the entirety of the charging chamber, with material being discharged via an air conveyance feed system.

Corrugated/OCC	News	High Grades
2 lbs./ft^3	1.2 lbs./ft^3	2.5 lbs./ft^3

When selecting a particular baler model for a capacity requirement, the baler should have 25% to 40% greater rated capacity than the actual pounds or bales per hour requirement to allow for all contingencies in feeding to the baler. The actual output of the baler is directly related to a consistent, even, high rate of feed providing a "Head" of material in the feed chute.

Bale weight and density information listed is approximate and relates to the amount of moisture in the paper stock, hydraulic force applied, and piece size/configuration. Adding a zero to the model number of each baler provides the number of cubic feet per hour the ram travels through the charging chamber without material (Example: E-660 provides 6600 cubic feet per hour dry capacity).

Type of Material	Bale Weight (lbs.)	Bale Density (lbs./ft^3)	Capacity Rating	GROUP 8 (STANDARD FEED CHUTE) MODELS				
				EO-690	EO-970	EO-1340	EO-1850	EO-2450
Corrugated/OCC	2,000 – 2,400	25 – 30	*Bales/Hour* *lbs./Hour*	6.4 13,900	8.5 18,600	11.1 24,200	14.3 31,300	19.6 42,800
News	2,160 – 2,480	27 – 31	*Bales/Hour* *lbs./Hour*	3.7 8,500	5.0 11,400	6.5 15,000	8.5 19,600	11.8 27,300
High Grades	2,400 – 2,880	30 – 36	*Bales/Hour* *lbs./Hour*	6.6 17,400	8.8 23,200	11.5 30,200	14.9 38,900	20.3 53,200

** Weights and Capacity Ratings Based 72" Bale Length*
*** Calculated with Auto-Ty Cycle Duration of 25 Seconds*
**** Assumes Feed Efficiency Losses of 40%*