

BALEMASTER DIVISION PERFORMANCE SPECIFICATIONS - MAXIMUM RATED CAPACITY SCHEDULE
"E" SERIES CONTINUOUS HORIZONTAL BALING PRESSES - MODELS WITH BALE SIZE OF 30"W X 40"H

The maximum rated capacity for each model baler relates directly to the loose weight of the properly prepared materials in the charging chamber of the baler. Actual loose weight of a particular classification of the paper stock relates to its basis weight and the following are established averages in pounds per cubic foot in the charging chamber, with materials discharged from an Air Conveyance Feed System used in the preparation of this schedule.

NEWS PRINT - 1.2 MAGAZINE - 1.5 CORRUGATED - 2.5 CHIPBOARD - 2.0 FIBERBOARD - 3.0 BOXBOARD - 3.0

When selecting a particular model baler for a particular 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 approaching the rated capacity of the baler relates to a consistent, even, high rate of feed providing a "HEAD" of material in the feed chute.

Bale weight and bale density information listed is approximate and relates to the amount of moisture in the paper stock, hydraulic force applied and piece size or configuration. Example: All trim or all shredded or mixture. Adding a Zero (0) to the model number of each baler gives the number of cubic feet per hour the baling ram travels through the charging chamber operating without material. Example: Model E-980 provides 9800 cubic feet per hour dry capacity.

TYPE OF MATERIAL	BALE WEIGHT RANGE IN LBS. 72" = 50 CU/FT. E-730 THRU E-1750	BALE DENSITY RANGE IN LBS. PER CU. FT	METHOD OF BALE TYING*	RATED CAPACITY								
				NUMBER OF TIED BALES PER HOUR/LBS. OF TIED MATERIAL PER HOUR								
				GROUP 5				GROUP 6				
				E-730	E-1070	E-1430	E-1880	E-410	E-710	E-980	E-1310	E-1760
NEWSPRINT	1400 TO 1800	28 TO 36	MANUAL	3.6 5,000	5.4 7,500	6.8 9,300	8.3 11,500	1.9 3,200	3.0 5,100	4.0 6,700	5.2 8,600	6.4 10,800
			AUTO-TY	4.0 5,500	6.3 8,600	8.1 11,300	10.5 14,400	2.0 3,400	3.3 5,600	4.4 7,400	5.9 9,900	7.6 12,800
MAGAZINE	1500 TO 1900	30 TO 38	MANUAL	4.1 6,100	6.1 9,100	7.6 11,300	9.3 13,700	2.2 4,000	3.5 6,300	4.6 8,200	5.9 10,500	7.3 13,000
			AUTO-TY	4.6 6,800	7.2 10,700	9.4 13,900	12.0 17,700	2.4 4,200	3.9 6,900	5.2 9,300	6.9 12,300	8.9 15,800
CORRUGATED	1250 TO 1600	25 TO 32	MANUAL	7.3 9,000	10.2 12,600	12.2 15,000	14.2 17,400	4.2 6,200	6.4 9,400	8.0 11,800	9.9 14,600	11.8 17,400
			AUTO-TY	8.9 10,900	13.7 16,800	17.4 21,400	21.7 26,700	4.7 7,000	7.6 11,200	10.0 14,800	13.1 19,300	16.6 24,500
CHIPBOARD	1400 TO 1700	28 TO 34	MANUAL					3.3 5,200	5.0 8,000	6.4 10,200	8.1 12,700	9.8 15,400
			AUTO-TY					3.6 5,600	5.8 9,100	7.7 12,100	10.1 15,900	12.9 20,300
FIBERBOARD	1400 TO 1750	28 TO 35	MANUAL					4.7 7,400	7.0 11,000	8.7 13,800	10.7 16,800	12.6 19,900
			AUTO-TY					5.3 8,300	8.4 13,300	11.1 17,500	14.5 22,800	18.3 28,800
BOXBOARD	1400 TO 1750	28 TO 35	MANUAL					4.7 7,400	7.0 11,000	8.7 13,800	10.7 16,800	12.6 19,900
			AUTO-TY					5.3 8,300	8.4 13,300	11.1 17,500	14.5 22,800	18.3 28,800

*Manual - Manual insertion of the tie wire - "Tie on Fly" - Approximately 120 seconds per bale.

Auto-Ty - Automatic wire insertion and bale tie complete - approximately 25 seconds per bale.

BALEMASTER DIVISION
"E" SERIES CONTINUOUS HORIZONTAL BALING PRESSES - BALE SIZE 30" W X 40" H
GENERAL MACHINE SPECIFICATIONS

SPECIFICATION DESCRIPTION	GROUP 5				GROUP 6				
	E-730	E-1070	E-1430	E-1880	E-410	E-710	E-980	E-1310	E-1760
Bale Size - width x height x adjustable length (inches).....	30 x 40	30 x 40	30 x 40	30 x 40	30 x 40	30 x 40	30 x 40	30 x 40	30 x 40
Motor Horsepower.....	30	50	75	100	30	50	75	100	150
Feed Chute Cross Section Dimension - width/length (inches) Std.....	27 x 32	27 x 32	27 x 32	27 x 32	27 x 32	27 x 32	27 x 32	27 x 32	27 x 32
Oversized Hopper.....	27 X 40	27 X 40	27 X 40	27 X 40	27 X 40	27 X 40	27 X 40	27 X 40	27 X 40
Charging Chamber Volume (cubic feet) Standard Hopper.....	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
Oversized.....	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
Baling Ram stroke cycle empty with allowance for delays:									
Strokes per minute (Oversized Hopper).....	3.3	5	6.7	8.8	1.9	3.3	4.6	6.2	8.2
Seconds per stroke (Oversized Hopper).....	18.4	12.1	8.9	6.8	31	18	13	9.7	7.3
Hydraulic Cylinder diameter - (inches).....	8	8	8	8	10	10	10	10	10
Baling Ram Thrust:									
3000 PSI - system pressure - total lbs.....	150,900	150,900	150,900	150,900	235,500	235,500	235,500	235,500	235,500
3000 PSI - system pressure - total tons.....	75.5	75.5	75.5	75.5	117.8	117.8	117.8	117.8	117.8
3000 PSI - system pressure - lbs.sq. in. of ram face.....	135	135	135	135	210	210	210	210	210
3000 PSI - system pressure - tons/sq. ft. of ram face.....	9.7	9.7	9.7	9.7	15.1	15.1	15.1	15.1	15.1
Number of Bale Ties.....	5	5	5	5	5	5	5	5	5
Oil Reservoir Volume (gallons).....	150	350	350	400	150	350	350	400	400
Pumping System - low pressure/high pressure (V/V = Vane/Vane).....	V/V	V/V	V/V	V/V	V/V	V/V	V/V	V/V	V/V
Bale Density Control - Fully Automatic - Hydraulic Cylinders.....	Four - 6"	Four - 6"	Four - 6"	Four - 6"	Six - 6"	Six - 6"	Six - 6"	Six - 6"	Six - 6"
Gross Weight (includes Auto-ty).....	22,800	24,100	24,700	26,800	24,100	25,400	26,000	28,100	29,100
Manifold Mounted Hydraulic Valves.....	STANDARD WITH ALL UNITS								
Oil Filter - suction line.....									
Automatic Baling Ram Cycle.....									
Automatic Bale Length Control - Adjustable 1" increments.....									
Automatic Balelocks - full width - spring loaded.....									
Electrical Control Circuit - prewired - 115 volt.....									
Dust Control:									
Fully enclosed ram cycling chamber.....									
Ram Wiper.....									
Dual Limit Switches - cycling chamber seal broken only during Bale tie-off.....									
Ram Liners and rollers - replaceable.....									

FACTORY INSTALLED ELECTRICAL EQUIPMENT MEETS OSHA AND NATIONAL ELECTRICAL CODES
ALL NUMBERS ARE ROUNDED OFF AND/OR APPROXIMATED