

BALEMASTER DIVISION PERFORMANCE SPECIFICATIONS - MAXIMUM RATED CAPACITY SCHEDULE
"E" SERIES CONTINUOUS HORIZONTAL BALING PRESSES - MODELS WITH BALE SIZE OF 30"W X 36"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-660 provides 6600 cubic feet per hour dry capacity.

TYPE OF MATERIAL	BALE WEIGHT RANGE IN LBS. 72" = 45 CU/FT. E-390 THRU E-1110	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									
				MODEL E-390	MODEL E-660	MODEL E-940	MODEL E-1250	MODEL E-1300	MODEL E-430	MODEL E-560	MODEL E-810	MODEL E-850	MODEL E-1110
NEWSPRINT	1260 to 1620	28 TO 36	MANUAL	3.0 3,100	4.1 4,900	4.7 5,700	5.4 6,500	6.6 7,900	2.8 3,400	3.3 4,000	4.0 4,900	5.0 5,900	6.1 7,300
			AUTO-TY	3.3 3,500	4.5 5,500	5.4 6,500	6.4 7,600	8.0 9,500	3.0 3,700	3.6 4,400	4.6 5,500	5.7 6,900	7.3 8,800
MAGAZINE	1350 to 1710	30 TO 38	MANUAL	3.7 4,000	4.9 6,000	5.4 6,900	6.2 7,900	7.4 9,500	3.3 4,200	3.8 4,900	4.7 6,000	5.6 7,200	6.9 8,900
			AUTO-TY	4.1 4,500	5.6 6,800	6.3 8,100	7.4 9,500	9.2 11,800	3.6 4,600	4.3 5,500	5.3 6,800	6.6 8,500	8.5 10,800
CORRUGATED	1125 to 1440	25 TO 32	MANUAL						5.3 6,400	6.2 7,400	7.4 8,900	8.8 10,500	10.4 12,500
			AUTO-TY						6.2 7,500	7.4 8,900	9.3 11,100	11.4 13,700	14.4 17,300
CHIPBOARD	1260 to 1530	28 TO 34	MANUAL						4.4 5,300	5.2 6,200	6.3 7,500	7.4 8,900	9.0 10,800
			AUTO-TY						5.0 6,000	6.0 7,200	7.5 9,000	9.3 11,100	11.7 14,100
FIBERBOARD	1260 to 1575	28 TO 35	MANUAL						6.2 7,400	7.2 8,600	8.5 10,200	9.9 11,900	11.7 14,100
			AUTO-TY						7.4 8,900	8.8 10,600	11.0 13,200	13.5 16,200	17.0 20,400
BOXBOARD	1260 to 1575	28 TO 35	MANUAL						6.2 7,400	7.2 8,600	8.5 10,200	9.9 11,900	11.7 14,100
			AUTO-TY						7.4 8,900	8.8 10,600	11.0 13,200	13.5 16,200	17.0 20,400

*MANUAL - MANUAL INSERTION OF 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 36" H
GENERAL MACHINE SPECIFICATIONS

6176-1b

SPECIFICATION DESCRIPTION	GROUP 1					GROUP 2				
	MODEL E-390	MODEL E-660	MODEL E-940	MODEL E-1250	MODEL E-1300	MODEL E-430	MODEL E-560	MODEL E-810	MODEL E-850	MODEL E-1110
Bale Size - width x height x adjustable length (inches).....	30 X 36	30 X 36	30 X 36	30 X 36	30 X 36	30 X 36	30 X 36	30 X 36	30 X 36	30 X 36
Motor Horsepower.....	20	25	30	30	50	25	30	30	50	75
Feed Chute Cross Section Dimension - width/length (inches)	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	27 X 32
Charging Chamber Volume (cubic feet)	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
Baling Ram stroke cycle empty with allowance for delays:										
Strokes per minute.....	2.9	5.0	6.7	9.4	9.4	3.1	4.0	5.8	6.0	8.0
Seconds per stroke.....	20.4	12.0	8.9	6.4	6.4	19.3	15.0	10.3	10.0	7.5
Hydraulic Cylinder diameter - (inches).....	6	6	6	6	6	8	8	8	8	8
Cylinders rated PSI.....	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Baling Ram Thrust:										
3000 PSI - system pressure - total lbs.....	84,900	84,900	84,900	84,900	84,900	150,900	150,900	150,900	150,900	150,900
3000 PSI - system pressure - total tons.....	42.5	42.5	42.5	42.5	42.5	75.5	75.5	75.5	75.5	75.5
3000 PSI - system pressure - lbs.sq. in. of ram face.....	85	85	85	85	85	150	150	150	150	150
3000 PSI - system pressure - tons/sq. ft. of ram face.....	6.1	6.1	6.1	6.1	6.1	10.8	10.8	10.8	10.8	10.8
Number of Bale Ties.....	5	5	5	5	5	5	5	5	5	5
Oil Reservoir Volume (gallons).....	150	150	150	150	350	150	150	150	350	350
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	V/V
Manifold Mounted Hydraulic Valves.....										
Oil filter - Suction Line.....										
Bale Density Control - Fully Automatic - Hydraulic Cylinders.....	Dual 6"	Dual 6"	Dual 6"	Dual 6"	Dual 6"	Quad 6"	Quad 6"	Quad 6"	Quad 6"	Quad 6"
Gross Weight (includes Auto-ty).....	16,900	17,400	17,900	18,400	19,100	17,900	18,400	18,900	19,800	20,300
Automatic Baling Ram Cycle.....	STANDARD WITH ALL UNITS									
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