

Model EX62/63/63F/66/77



Small Footprint Large Capabilities

Excel's EX Series balers are designed to be the most durable, efficient and productive closed-end single-ram balers in the industry. The Excel® EX62 and EX63 are designed to produce the best mill-sized bales in the industry without preconditioning. Excel Baler uses only the highest quality components available for ultimate performance and reliability.

EX SERIES BALERS

Full Penetration Horizontal
Waste and Recycling Balers

MARKETS

- Recyclers
- Printers
- Manufacturers
- Warehouses

MATERIALS

- ☒ Office Paper
- ☒ Newspaper
- ☒ OCC
- ☒ Magazines
- ☒ PET
- ☒ HDPE
- ☒ Aluminum Cans
- ☒ Tin Cans
- ☒ Plastic film
- ☒ Carpet padding
- ☒ Foam
- ☒ Textiles
- ☒ Other

Standard features:

- Hydraulic door latch (EX63 only)
- Regenerative circuit (EX63 only) reduces cycle time by 17 seconds.
- The EX62 is manufactured standard with either left-hand or right-hand door swing.
- 20HP TEFC motor, standard voltage — 208-, 230- or 460-volt, 60-hertz, three-phase
- Horsepower limited pressure compensated piston pump
- Removable shear blade with four cutting edges
- Six fully guided wire tie slots
- Automatic bale-sizing system
- Automatic shear jam correction
- Short-stroke feature to reduce cycle time.
- EXCEL's® 1-2-3 warranty (one-year labor, two-year parts, and three-year structure) (U.S.A. only)
- Complete with MV32 hydraulic oil
- NEMA 12-rated enclosures and controls
- Remote controls, according to door swing
- Safety interlock door with decompression
- Clean-out tool and extra touch-up paint.
- One bundle of 12-gauge x 13-foot single loop wire ties
- Sandblasted, primed and painted Excel Blue for long-lasting durability
- Standard hopper
- Lower photo eye
- UL-, CUL-approved (CE available)
- PLC-controlled operation
- Available with an Excel above-ground or inground conveyor for a turnkey system



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Factory Refurbished Balers
www.apexbalerequipment.com



General Specifications

Automatic Closed End Baling Press

	EX62	EX63	EX63F	EX66	EX77
Structural					
HEIGHT	62" Loading	62" Loading	62" Loading	62" Loading	62" Loading
LENGTH	179" (455cm)	179" (455cm)	283" (719cm)	186" (475cm)	186" (475cm)
WIDTH	79" (246cm)	79" (246cm)	79" (246cm)	84" (214cm)	84" (214cm)
CHAMBER	47" L (119cm) x 60" W (152cm) x 30" H (76cm)	47" L (119cm) x 60"W (152cm) x 30" H (76cm)	47" L (119cm) x 60" W (152cm) x 30" H (76cm)	45" L (112.5cm) x 60" W (152cm) x 30" H (76cm)	45" L (112.5cm) x 60" W (152cm) x 30" H (76cm)
FEED OPENING	54" (137cm) x 35" W (89cm)	54" (137cm) x 35" (178cm)	54" (89cm) x 70"W (178cm)	54" (89cm) x 35"W (178cm)	54" (137cm) x 35"W (178cm)
BALER SHIPPING WEIGHT	18,760 lbs. (8,509kg) (as shown)	18,760 lbs. (8,509kg) (as shown)	20,000 lbs. (9,072kg)	23,260 lbs. (10,550kg) (as shown)	24,860 lbs. (11,276kg) (as shown)
Performance Data					
PUMP	34 gal. (130 liters) Pressure Compensated Horse Power Limited Piston Pump, 4,000 PSI Rated	34 gal. (130 liters) Pressure Compensated Horse Power Limited Piston Pump, 4,000 PSI Rated	34 gal. (130 liters) Pressure Compensated Horse Power Limited Piston Pump, 4,000 PSI Rated	34 gal. (130 liters) Pressure Compensated Horse Power Limited Piston Pump, 4,000 PSI Rated	34 gal. (130 liters) Pressure Compensated Horse Power Limited Piston Pump, 4,000 PSI Rated
SYSTEM PRESSURE	3,000 PSI (207 BAR) automatic, 3,250 maximum	3,000 PSI (207 BAR) automatic, 3,250 maximum	3,000 PSI (207 BAR) automatic, 3,250 maximum	3,000 PSI automatic, 3,250 maximum	3,000 PSI automatic, 3,250 maximum
DIRECTIONAL VALVE	D08 Pattern, Hi-Flow Cushion Shift Design	D08 Pattern, Hi-Flow Cushion Shift Design	D08 Pattern, Hi-Flow Cushion Shift Design	D08 Pattern, Hi-Flow Cushion Shift Design	D08 Pattern, Hi-Flow Cushion Shift Design
DOOR CYLINDERS	N/A	4" bore x 6" stroke x 2" rod	4" bore x 6" stroke x 2" rod	(2) 4" (7.5cm) Bore x 42" (105cm) Cylinders Stroke X 2.25" (5.65cm) Rod	(2) 4" (7.5cm) Bore x 42" (105cm) Cylinders Stroke X 2.25" (5.65cm) Rod
CYLINDERS	(2) 6" (15cm) x74" (315cm) stroke x 4" rod	(2) 6" (15cm) x74" (315cm) stroke x 4" rod	(2) 6" (15cm) x124" (315cm) stroke	(2) 6" (15cm) Bore x 74" (188cm) Stroke X 4" (10cm) Hard Chrome Rod	(2) 6.5" (16.5cm) Bore x 74" (188cm) Stroke X 4.5" (11.5cm) Hard Chrome Rod
OIL RESERVOR	105 gal. (399 liters)	105 gal. (399 liters)	105 gal. (399 liters)	105 gal. (399 liters)	105 gal. (399 liters)
DOOR LATCH CYL.	N/A	(2) 3" (7.5cm) Bore x42" (105cm) Stroke x 2" (5.1 cm) Rod	4" (10cm) Bore x 6" (15cm) Stroke x 2" (5cm) Rod	N/A	N/A
MOTOR	TEFC 208, 230, 460 Volt, 60 Hertz, 3 Phase	TEFC 208, 230, 460 Volt, 60 Hertz, 3 Phase	TEFC 208, 230, 460 Volt, 60 Hertz, 3 Phase	20 HP TEFC 230-460 Volt, 3 Phase	20 HP TEFC 230-460 Volt, 3 Phase
ENCLOSURE	NEMA 12 Rated, UL Approved	NEMA 12 Rated, UL Approved	NEMA 12 Rated, UL Approved	NEMA 12 Rated, UL Approved	NEMA 12 Rated
CONTROLS	UL/CUL/CE Approved, NEMA 12 Rated	UL/CUL/CE Approved, NEMA 12 Rated	UL/CUL/CE Approved, NEMA 12 Rated	UL/CUL/CE Approved, NEMA 12 Rated	UL/CUL/CE Approved, NEMA 12 Rated
HYD SYSTEM PRESSURE	3,000 PSI (207 BAR)	3,000 PSI (207 BAR)	3,000 PSI (207 BAR)	3,000 PSI Automatic Mode (3,250 Maximum)	3,000 PSI Automatic Mode (3,250 Maximum)
OVERALL PLATEN FORCE	159,400 lbs. (72 tonne)	159,400 lbs. (72 tonne)	159,400 lbs. (72 tonne)	159,467 lbs.	187,153 lbs.
PLATEN PSI	92 PSI (6.33 BAR)	92 PSI (6.33 BAR)	92 PSI (6.33 BAR)	94 PSI	110 PSI
CYCLE TIME	46/30 seconds (full/short stroke)	29/21 seconds (full/short stroke)	51/41 seconds (full/short stroke)	29 seconds -21 seconds Short Stroke	34 seconds -26 seconds Short Stroke
TARGET BALE SIZE	60" L (152cm) x 48"W (122cm) x 30"H (76cm)	60" L (152cm) x 48"W (122cm) x 30"H (76cm)	60" L (152cm) x 48"W (122cm) x 30"H (76cm)	60" L (152cm) x 48" W (122cm) x 30" H (76cm)	60" L (152cm) x 48"W (122cm) x 30"H (76cm)
Bale Weights*					
FOAM	1,100 lbs. (499kg) to 1,400 lbs. (635kg)	1,100 lbs. (499kg) to 1,400 lbs. (635kg)	1,100 lbs. (499kg) to 1,400 lbs. (635kg)	1,100 lbs. (499kg) to 1,400 lbs. (635kg)	1,200 lbs. (499kg) to 1,500 lbs. (635kg)
OCC	1,200 lbs. (544kg) 1.2 TPH	1,200 lbs. (544kg) 1.8 TH	1,200 lbs. (544kg) 1.8 TPH	1,200 lbs. (590kg) 1.8 TPH	1,300 lbs. (590kg) 1.8 TPH
HDPE	1,100 lbs. (499kg)	1,100 lbs. (499kg)	1,100 lbs. (499kg)	1,100 lbs. (556kg)	1,225 lbs. (556kg)
PET	800 lbs. (363kg)	800 lbs. (363kg)	800 lbs. (363kg)	800 lbs. (499kg)	1,100 lbs. (499kg)
ALUMINUM CANS	600 lbs. (272kg)	600 lbs. (272kg)	600 lbs. (272kg)	625 lbs. (340kg)	750 lbs. (340kg)
TIN CANS	1,200 lbs. (544kg)	1,200 lbs. (544kg)	1,200 lbs. (544kg)	1,200 lbs. (724kg)	1,600 lbs. (724kg)
MAGAZINES	2,000 lbs. (1042kg)	2,000 lbs. (1042kg)	N/A	2,000 lbs. (1042kg)	2,300 lbs. (1042kg)
NEWSPAPER	1,500 lbs. (726kg)	1,500 lbs. (726kg)	N/A	1,500 lbs. (726kg)	1,600 lbs. (726kg)
OFFICE PAPER	1,600 lbs. (726kg)	1,600 lbs. (726kg)	N/A	1,600 lbs. (771kg) 6	1,700 lbs. (771kg)
ALUMINUM EXTRUSION	N/A	N/A	N/A	N/A	900 lbs. (408kg)
PAINTED ALUMINUM SIDING	N/A	N/A	N/A	N/A	1,300 lbs. (590kg)
RADIATORS	N/A	N/A	N/A	N/A	1,300 lbs. (590kg)
INSULATED COPPER WIRE	N/A	N/A	N/A	N/A	3,300 lbs. (1496kg)
MISC. NON-FERROUS SCRAP	N/A	N/A	N/A		

Full Bale Ejection, Full Platen Penetration, Patented Safety Interlock Door, Tongue and Groove Floor, Hardox 400 wear surfaces

* Bale weights are based on actual customer surveys, and may differ with moisture content, material density, etc. Due to equipment upgrades, specifications are subject to change.



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