

**EXCEL**  
MANUFACTURING

## Model 2R63



Save time, labor, and money with a complete turn-key solution for your baling needs.

The 2R63 two-ram, auto-tie baler chassis utilizes the same interlocking designs found in larger EXCEL® two-rams while remaining very economical. The 2R63 is constructed of four solid steel sheets (top, bottom, and both sides), providing seamless construction from

end to end. Combine this innovative engineering with our use of only the highest quality components, and the result is the very best in durability and function.

- **No Fluffing!**
- **No Shredding!**
- **No Tying!**

### **The EXCEL® Model 2R63 bales the following materials:**

Office Paper, Newspaper, OCC, magazines, PET, HDPE, Aluminum Cans, Time Cans, Printer's Waste, and other Materials

### **Standard Features Include**

- The 2R63 is manufactured standard with either left-hand or right-hand eject.
- U.S. Wire Tie Systems Automatic 13 Gauge Wire Tier, Model 343
- 20HP TEFC Motor, Standard Voltage - 208, 230, 460 Volt, 60 Hertz, 3 Phase
- Horsepower Limited Pressure Compensated Piston Pump
- 29 Second Main Ram Dry Cycle Time
- Short Stroke Selector Reduces Cycle Time to 21 Seconds
- Remote Operating Controls Mounted on Pedestal
- Percent of Bale Complete Indicator Lights
- Automatic Bale Sizing System
- Automatic Shear Jam Correction
- EXCEL's® 1-2-3 Limited Warranty (1 Year Labor, 2 Years Parts, 3 Years Structural and Cylinder) (U.S.A. Only)
- Full Platen Penetration
- Complete with MV32 Hydraulic Oil
- NEMA 12 rated Enclosures and Controls
- Power Unit Mounted on back of the Machine for Space Savings
- Air/Oil Heat Exchanger
- One Spool of 13 Gauge Ultra Tensile Galvanized Wire
- Sandblasted, Primed, and Painted Excel Blue for Long Lasting Durability
- Standard Hopper
- Lower Photo Eye
- UL, CUL Approved (CE Available)
- Available with an EXCEL® above ground or in-ground conveyor for a turn-key system

**EXCEL 2R63**

# GENERAL SPECIFICATIONS

## Two-Ram Model 2R63 AUTOMATIC BAILING PRESS

### STRUCTURAL

HEIGHT	62" (158cm) Loading 52.5" (135cm) Frame
LENGTH	16' 2" (493cm)
WIDTH	16' 11" (516cm)
CHAMBER	60" (153cm)W x 29.5" (75cm)H
FEED OPENING	54" (138cm)W x 40" (102cm)L
SHIPPING WEIGHT	32,730 lbs. (14,846kg) (as shown)

### PERFORMANCE DATA

MAIN CYLINDER	2 - 6" (15cm) Bore x 74" (188cm) Stroke x 4" (10cm) Hard Chrome Rod
EJECT CYLINDER	6" (15cm) Bore x 66" (168cm) Stroke x 3.5" (9cm) Hard Chrome Rod
OIL RESERVOIR	105 gal. (399 liters)
INDEPENDENT PUMPS	34 Gal. (130 liters) Pressure Compensated Horse Power Limited Piston Pump
MOTORS	20 HP TEFC 230-460 V 3 PHASE
SYSTEM PRESSURE	3,000 PSI Automatic Mode (3,250 Maximum)
OVERALL PLATEN FORCE	159,467 lbs.
PLATEN PSI	95 PSI
CYCLE TIME	29 Seconds - 21 Sec. Short Stroke
ESTIMATED BALE SIZE	60"L x 48"W x 30"H (152cm L x 122cm W x 76cm H)
DIRECTIONAL VALVE	Hi-Flow Cushion Shift Design
ENCLOSURE	NEMA 12 RATED
CONTROLS	UL/CSA/CE Approved NEMA 12 Rated

### BALE WEIGHTS \*

OCC	1,200 lbs. (544kg) 4.2 TPH
MAGAZINES	2,000 lbs. (907kg) 9.4 TPH
NEWSPAPER	1,500 lbs. (680kg) 8.0 TPH
OFFICE PAPER	1,600 lbs. (726kg) 8.0 TPH
HDPE	1,100 lbs. (499kg) 3.3 TPH
PET	1,000 lbs. (454kg) 2.5 TPH
ALUMINUM CANS	625 lbs. (284kg) 3.0 TPH
TIN CANS	1,200 lbs. (544kg) 5.6 TPH

### FEATURES

Automatic Tie System	Hour Meter	Replaceable Hardox Wear Liners
Bale Discharge Table	Interlocking Construction	Percent of Bale Complete Indicator Lights
Lower Photo eyes	Air to Oil Cooler	(50%, 75%, 100%)
Full Platen Penetration	Regenerative Circuit	
Short Stroke Selector	Bale Release Door	

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\* 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