

Heavy-Duty Vertical Balers



Marathon Heavy-Duty Vertical Balers are full of features designed for ease of operation and maintenance.

- ▼ Automatic feed gate for hands-free loading
- ▼ Side-mounted power unit for easy access and maintenance
- ▼ Redundant interlock system
- ▼ Easy to use chain ejector
- ▼ Programmable “smart” relay control system
- ▼ Front facing push button control panel
- ▼ Quiet running submerged 10 HP motor and gear pump



Available Options:

Wire Guides & Auto Eject



Bale Made Light



Lockable Disconnect



Recycler Vertical Baler...

Easy to Use - Maintenance Friendly



Shown with optional bale made light, wire guides, automatic ejector and electrical disconnect.

Marathon High Density Vertical Balers feature many innovations for ease of use and maintenance-friendly access. Features such as the side-mounted power unit with submerged motor and pump, front facing panel box, and redundant feed gate interlock system, all add up to a reliable baler for years of trouble-free recycling. The Smart Relay adds safety features, easy set-up, and diagnostic capabilities to

your baler. The motor and pump are submerged in the hydraulic fluid tank offering much quieter operation.

Front opening control panel eliminates the need for 48" side clearance as required by NEC standards.

Your baler can also be equipped with optional features that add even more efficiency and ease of use: Automatic bale ejector that activates when the door is opened. It does not extend beyond wire guides allowing the unit to be placed against the back wall. Wire Guides eliminate the need to go behind the baler for a complete front tie-off system. A Bale Made Light illuminates when a bale is made to notify the operator when it is time to eject the bale and a lockable electrical disconnect can be added for local Lock-Out/Tag-Out.



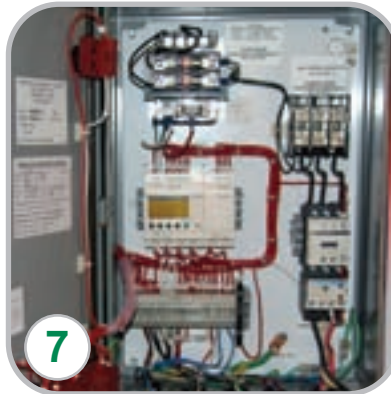
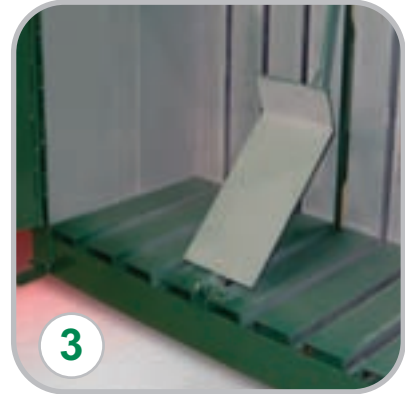
Programmable "smart" relay adds diagnostic and trouble-shooting capabilities



Fixed retainer teeth on the door and rear of the baler reduces material springback.



Loaded with Features & Benefits



1. Redundant interlock system works with the gate latch for added safety redundancy.
2. The standard chain bale ejector is manually set after the bale door is opened.
3. The optional automatic bale ejector is also available. It is actuated when the bale door is opened.

4. Automatic feed gate that opens at the end of each cycle as the platen is retracted for "hands free" loading.
5. Platen features replaceable high density polyethylene guides to absorb side thrust and replaceable "no lube" cast iron shoe guides. Cylinder rod locking collar with 1" pinning plate.
6. Standard controls: Keylock On/Off Auto Cycle, Emergency Stop, and Platen Raise/Lower. A "baler ready" light indicates the baler is operational. Also available with "Bale Made" light and electrical disconnect (shown).
7. The panel box features a programmable "smart" relay control system which disables the baler if an attempt to override the interlocks is made.
8. The side-mounted, self-contained power unit is convenient for maintenance and servicing. The pump with 10 HP motor is submerged in the hydraulic oil tank for quiet and efficient running operation while producing 62,200 lbs. of force (max). Can be unbolted from the body during installation if necessary.

Specifications

V-6030 HD

V-7230 HD

Performance Data:

Cylinder Bore, Rod & Stroke	6" x 3.5" x 48"	6" x 3.5" x 48"
Pump Flow (gear pump)	10.5 GPM	10.5 GPM
Motor	10 HP	10 HP
(1750 RPM)	(1750 RPM)	
System Pressure	2,000 PSI	2,000 PSI
Max. System Pressure	2,200 PSI	2,200 PSI
Max. Platen Force	62,200 Lbs	62,200 Lbs
Platen Pressure	34 PSI	29 PSI
Cycle Time	58 Seconds	58 Seconds

Electrical Specs (same all models):

Control Voltage:	120 VAC
Electrical:	208/230/460 3-Phase
Control Box:	NEMA 4 UL Listed Box & Controls
Controls:	OFF/ON Security Key Switch; 3 Position Selector Switch; EMERGENCY STOP Button; IEC Motor Starter and Overload, Programmable Smart Relay

Dimensional Data:

A Overall Width (w/auto-eject)	89 1/4"	101 1/4"
B Overall Depth	41 1/2"	44 1/2"
C Overall Depth (w/optional wire guides)	54 1/2"	57 1/2"
D Overall Height	140"	142"
E Feed Height	48 1/4"	50 1/4"
F Feed Opening Width	60"	72"
G Feed Opening Height	25"	25"
H Bale Door Clearance	58"	70"

Bale Size Data:

Bale Size	60"W x 30"D x 48"H	72"W x 30"D x 48"H
Bale Volume	50 cu.ft.	60 cu.ft.
Bale Weight (OCC)	Up to 1,100 Lbs	Up to 1,400 Lbs
No. Bale Ties (14 ga. x 14ft. long):	6	6
Total Baler Weight:	4,300 Lbs	5,400 Lbs

Structural Data:

- Body Side Plates:** 7 Ga.
- Body Floor:** 7 Ga. floor plate, 6" structural channel (8" on V-7230)
- Floor Structure:** 6" structural channel (8" on V-7230)
- Top Cylinder Supports:** Heavy 8" structural channel integrated into main frame of 10" structural channel and 1" x 12" plate beam with 1" pinning plate
- Platen Face:** 1/4" plate, 6" structural channels and tubes (8" on V-7230)
- Bale Door:** 7 ga. door plate, 4" x 3" (6" x 3" on V-7230) structural tube top rail, 4" structural angle and channel
- Ejector:** Manually-engaged, chain type
- Paint:** Primer bottom coat; industrial grade top coat, low VOC, high solids

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Pictures in this literature are illustrative only. Specifications are subject to change without notice in order to accommodate improvements to the equipment. Certified in compliance with ANSI Regulation Z245.5 and all OSHA standards. Products must be used with safe practice and in accordance with said regulations and standards.

Available
GreenBuilt™
Options

- ▼ All-temperature biodegradable hydraulic fluid
- ▼ 5 HP energy efficient unit with submersible variable displacement pump

Other Available Options

- Bale Made Light
- Electrical Disconnect Switch
- Oil Heater
- Wire Guides (for front bale tie-off)
- Automatic Bale Ejector
- Single Phase Power Unit

