MARATHON®
A DOVER COMPANY

Heavy-Duty Vertical Balers

Easy to use

Maintenance friendly

Bale weights up to 1,300 lbs.

Side-mounted hydraulic power unit

Environmental Solutions Group
A DOVER COMPANY

Marathon's high-density vertical balers are easy to use and maintenance friendly. Features such as the side-mounted power unit, front facing panel box, and redundant feed gate interlock system, all add up to a reliable baler for years of trouble-free recycling.

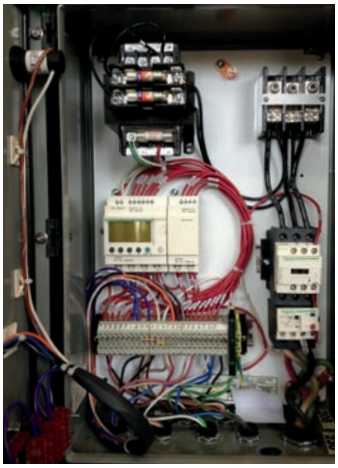
High-Density Vertical Balers

Easy to use and Maintenance-Friendly

Marathon's Vertical Balers feature many innovations for ease of use and maintenance-friendly access. Features such as the side-mounted power unit, front facing panel box, and redundant feed gate interlock system, all add up to a reliable baler for years of trouble-free recycling.

Your baler can also be equipped with optional features that add even more efficiency and ease of use. An automatic bale ejector that activates when the bale door is opened is available. The ejector does not extend beyond the wire guides, enabling the unit to be placed against the 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.

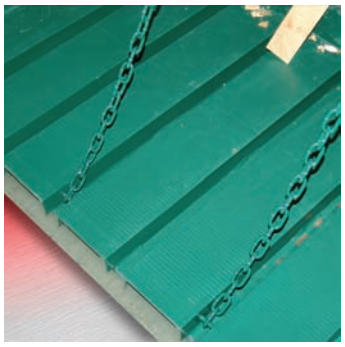
Fixed retainer teeth on the door and rear of the baler reduce material springback.



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

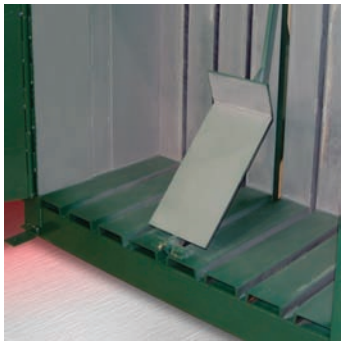
A redundant interlock system is incorporated into the feed gate switch.

Platen features replaceable high-density polyethylene guides to absorb side thrust and replaceable cast iron shoes.

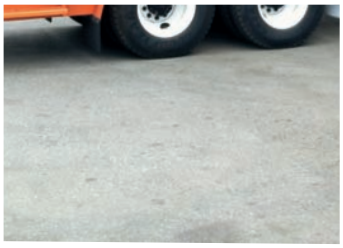


The standard chain bale ejector is manually set after the bale door is opened.

Standard controls: key lock 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).



An optional automatic bale ejector is also available. It is actuated when the bale door is opened.



If there is an attempt to override the interlocks; the panel box features a programmable "smart" relay control system that disables the baler. The relay add diagnostic and trouble-shooting capabilities.

An automatic feed gate opens at the end of each cycle as the platen is retracted.

The side-mounted, self-contained power unit is convenient for maintenance and servicing. The pump with 15-hp motor produces 70,690 lbs. of force (max). Can be unbolted from the body during installation if necessary.

Available Options:

- Bale Made Light
- Electrical Disconnect Switch
- Oil Heater
- Automatic Bale Ejector
- Single-Phase Power Unit

Standard Options:

Wire Guides and Auto Eject

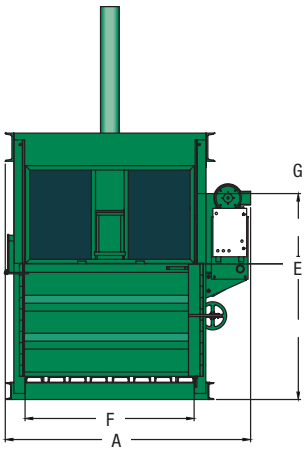
Bale Made Light

Lockable Disconnect

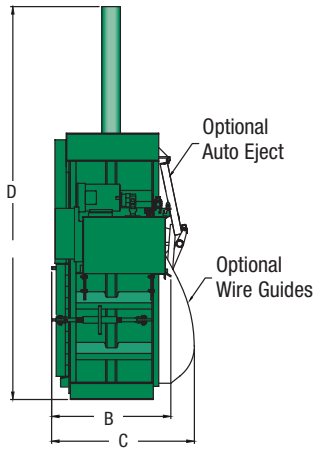
V-6030 HD and V-6030 XHD Vertical Baler

Performance	V-6030 HD	V-6030 XHD	V-7230 HD
Cylinder (bore, rod, & stroke)	6" x 3.5" x 48" (152mm x 89mm x 1219mm)	6" x 3.5" x 48" (152mm x 89mm x 1219mm)	6" x 3.5" x 48" (152mm x 89mm x 1219mm)
Pump flow (gear pump)	10.5 gpm (39,7 lpm)	13 gpm (49,2 lpm)	10.5 gpm (39,7 lpm)
Motor	10 hp (1,750 rpm) (7,46 kW)	15 hp (1,875 rpm) (11,19 kW)	10 hp (1,750 rpm) (7,46 kW)
System pressure	2,000 psi (13790 kPa)	2,300 psi (15858 kPa)	2,000 psi (13790 kPa)
Maximum system pressure	2,200 psi (15168 kPa)	2,500 psi (17237 kPa)	2,200 psi (15168 kPa)
Maximum platen force	62,200 lbs. (277 kN)	70,690 lbs. (314 kN)	62,200 lbs. (277 kN)
Platen pressure	37 psi (255 kPa)	42 psi (290 kPa)	32 psi (221 kPa)
Cycle time	56 sec.	45 sec.	56 sec.
Electrical Equipment			
Electrical	208/230/460 3-phase		
Electrical control voltage	120 VAC		
OFF/ON Security Key Switch; 3-Position Selector Switch; EMERGENCY STOP Button; IEC Motor Starter and Overload, Programmable Smart Relay UL® and CUL® listed			
Bale Size Data			
Bale size	60"W x 30"D x 48"H (1524mm x 762mm x 1219mm)	60"W x 30"D x 48"H (1524mm x 762mm x 1219mm)	72"W x 30"D x 48"H (1829mm x 762mm x 1219mm)
Bale volume	50 cu.ft. (1,42 m^3)	50 cu.ft. (1,42 m^3)	60 cu.ft. (1,70 m^3)
Bale weight (OCC)	Up to 1,100 lbs. (499 kg)	Up to 1,300 lbs. (590 kg)	Up to 1,400 lbs. (635 kg)
Number of bale ties (14 ga x 14' L)	5	6	5
Total baler weight	5,050 lbs. (2291 kg)	5,050 lbs. (2291 kg)	5,400 lbs. (2449 kg)
Structural			
Body side plates	7 Ga.		
Body floor	7 Ga. floor plate, 6" (152mm) structural channel [8" (203mm) on V-7230 HD]		
Floor structure	6" (152mm) structural channel [8" (203mm) on V-7230 HD]		
Top cylinder supports	Heavy 8" (203mm) structural channel integrated into main frame of 10" (254mm) 6.5 structural channel and 1" x 12" (25mm x 305mm) plate beam with 1" (25mm) pinning plate		
Platen face	1/4" (6mm) plate, 6" (152mm) structural channels and tubes [8" (203mm) on V-7230 HD]		
Bale door	7 ga. door plate, 4" x 3" (102mm x 76mm) structural tube top rail [6" x 3" (152mm x 76mm) on V-7230 HD], 4" (102mm) structural angle and channel		
Ejector	Manually engaged, chain type		
Paint	Primer bottom coat; industrial grade top coat, low VOC, high solids		

Front View



Side View



Dimensional Data:	V-6030 HD	V-6030 HXD	V-7230 HD
A - Overall Width	87" (2210mm)	87" (2210mm)	100" (2540mm)
B - Overall Depth	41 1/2" (1054mm)	41 1/2" (1054mm)	44 1/2" (1130mm)
C - Overall Depth (w/optional wire guides)	54 1/2" (1384mm)	54 1/2" (1384mm)	57 1/2" (1461mm)
D - Overall Height	140" (3556mm)	140" (3556mm)	142" (3607mm)
E - Feed Height	48 1/4" (1226mm)	48 1/4" (1226mm)	50 1/4" (1276mm)
F - Feed Opening Width	60" (1524mm)	60" (1524mm)	72" (1829mm)
G - Feed Opening Height	25" (635mm)	25" (635mm)	25" (635mm)
H - Bale Door Clearance	58" (1473mm)	58" (1473mm)	70" (1778mm)

Rental and Leasing Programs Available

For detailed specifications, recommendations, or free economic studies comparing various systems, contact Marathon Customer Care at ***1-800-633-8974***.

Authorized Dealer:

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www.marathonequipment.com

NJPA Contract #060612-ESG

www.doveresg.com

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

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