



PW3560
Closed-Door Full-Eject
Manual-Tie Baler

Spec. #PW3560
Revised 2017-March

TECHNICAL SPECIFICATIONS

Set-up & Flattened Corrugated Cartons; conditioned ONP;
vented HDPE & PET containers; poly film; aluminum and tin cans.

Meets all Current ANSI 245.51-2013 Safety Standards

KEY FEATURES

Feed Opening:	35" x 57"	Main Cylinder:	8" I.D. Bore x 5" Rod x 93" Stroke
Charge Box:	51" x 59" x 29"	Normal Operating Pressure:	3,000 psi
Charge Box Volume:	50.5 cu. ft.	Compressing Force:	150,800 lbs.
Bale Size Expanded:	Approx. 45" x 30" x 60".	Unit Face Pressure:	88.1 psi
Ram Penetration:	3/4" from door	Door Cylinder:	4" Bore x 8" Stroke

PERFORMANCE DATA

Motor:	30 HP
Pump:	69 GPM
No-Load Short Stroke Cycle Time (LS2 to LS4)*	17 Seconds
No-Load Full Stroke Cycle Time (LS2 to LS1) *	25 Seconds
Normal Displacement **	6120 cubic feet per hour
Bale Weights (up to):	
OCC 1200 #	Vented PET 800#
ONP 1500#	Vented HDPE 1100#
Aluminum Cans 625 #	Tin cans 1200#
Machine Weight (approximate)	23,000#

Manual tying limits production to 3 - 4 bales per hour

GENERAL FEATURES

Main Cylinder Mount:	Trunnion	Motor:	T.E.F.C. 460/3/60 x-line starting
Maximum Cylinder Burst:	12,000# 4:1 Safety Factor	Controls & Interface:	Allen Bradley MicroLogix PLC & PanelView 800
Oil Capacity:	150 Gal.	Auto-Cycle:	Infrared sensor activated.

OTHER FEATURES

- Construction: Fabricated from heavy structural steel members, gusseted and braced, and fitted in jigs and fixtures for proper alignment.
- Hi-Lo Floor: High/Low floor and plunger bottom fit together to help keep thin materials from working under the plunger.
- Liners: Hi-Low floor is made of abrasive resistant Hardox 500 material.
- Filtration: Combination of cleanable tank screens, magnets and 10-micron absolute filter with clogged filter indicator.
- Bale Spring-back Dogs: 5 gravity activated dogs mounted on top of the bale chamber
- Shear Blade: Four bolt-in T-1 blades creating a serrated edge – reversible for extended life
- Oil Management: Thermostatically controlled oil heater and air-to-oil cooler; hot oil indicator & shutdown; low oil indicator and shutdown.
- Conveyor Controls: 2HP Conveyor Controls
- Standard Options: Above floor conveyors; special hoppers; NEMA 4 controls.

* Short Stroke No-Load cycle time represents the approximate time it takes for the plunger to cycle from the full retract position LS2 out to the full bale position LS4 & back to LS2 with empty charge box and bale chamber.

* Full Stroke No-Load cycle time represents the approximate time it takes for the plunger to cycle from the full retract position LS2 out to the full forward position LS 1& back to LS2 with empty charge box and bale chamber.

** Normal hourly displacement times include 1.5 seconds for valve shifting and 1.5 seconds for time delays to allow material to adequately disperse in baling chamber.

*** Bale weights and hourly production can be affected by variables including feed rate, moisture content; shape, size, thickness and mass of the material to be baled; bale tying time.

American Baler reserves the right to modify these specifications without notice or liability to previously sold machines.