

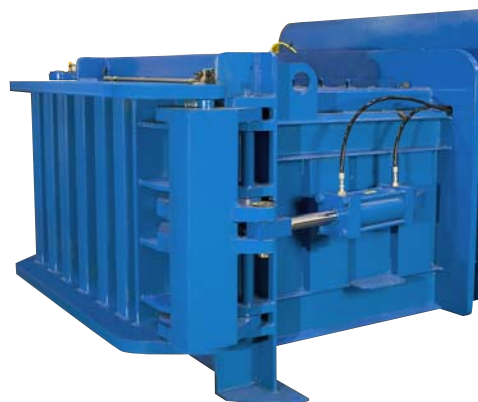
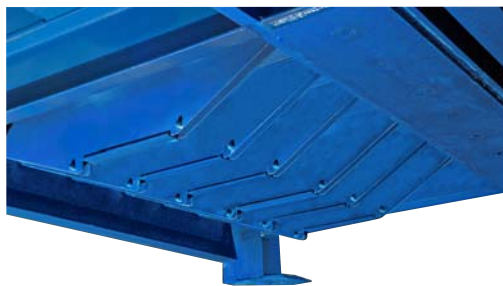
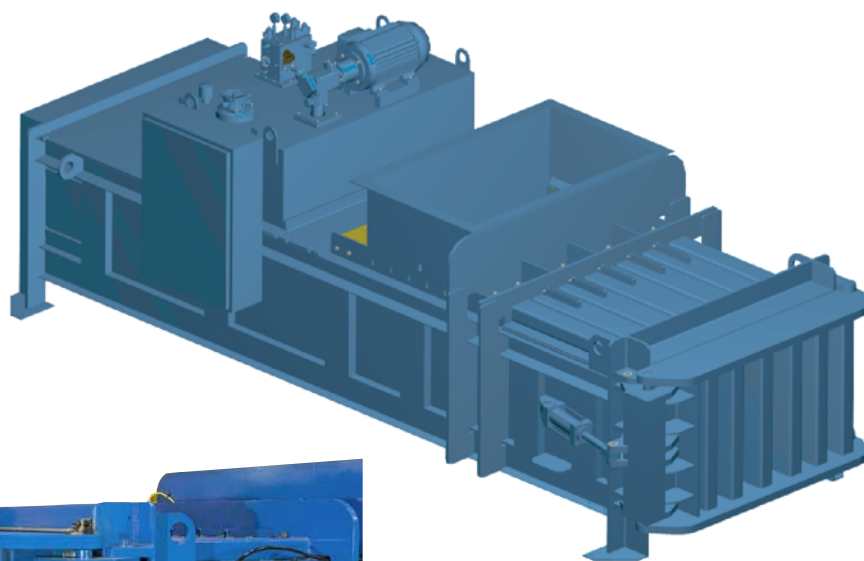
# PW3560

## PREDATOR SERIES



### KEY FEATURES

|                                              |                                                                |
|----------------------------------------------|----------------------------------------------------------------|
| <b><u>HORSEPOWER:</u></b>                    | 20 HP                                                          |
| <b><u>RAM PENETRATION FOR DISCHARGE:</u></b> | 3/4" SHORT OF THE EJECT DOOR                                   |
| <b><u>MAXIMUM CYLINDER BURST:</u></b>        | 12,000# 4:1 SAFETY FACTOR                                      |
| <b><u>CYCLE TIME IN SECONDS:</u></b>         | 29.4 / 17.4 SHORT STROKE                                       |
| <b><u>MAXIMUM WEIGHT:</u></b>                | 23,000#                                                        |
| <b><u>LINERS:</u></b>                        | HI-LOW FLOOR IS MADE OF ABRASIVE RESISTANT HARDOX 500 MATERIAL |



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# SPECIFICATIONS PW3560 CLOSED DOOR BALER

Revised 2/25/09  
Spec. #460

### GENERAL SPECIFICATIONS

### PRESSURE DATA

|                     |                         |                                |                    |
|---------------------|-------------------------|--------------------------------|--------------------|
| Feed Opening:       | 35" x 57"               | Normal Operating Pressure:     | 3,000 psi          |
| Charge Box:         | 51" x 59" x 29"         | Compressing Force:             | 150,800 lbs.       |
| Charge Box Volume:  | 50.5 cu. ft.            | Unit Face Pressure:            | 88.1 psi           |
| Bale Chamber:       | 59" x 29"               | Ram Penetration For Discharge: | 3/4" short of door |
| Bale Size Expanded: | Approx. 45" x 30" x 60" | Bale Density:                  | Up to 28#/cf       |

### PERFORMANCE DATA:

|                                        |                          |
|----------------------------------------|--------------------------|
| Horsepower                             | 20                       |
| Installation Dwg. (Consult Factory)    | CF                       |
| Gallons Per Minute                     | 43.5                     |
| Cycle Time (in Seconds) **             | 29.4 / 17.4 short stroke |
| Cycles Per Minute                      | 2.0 / 3.4                |
| Normal Displacement (cf/Hr) **         | 10,000                   |
| Production ***<br>at 1#/cf (up to TPH) | 2.5                      |
| at 2#/cf (up to TPH)                   | 5.0                      |
| Machine Weight (approx.)               | 23,000#                  |

### TECHNICAL DATA:

|                                                                                |                                                                                                                                                        |
|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compressing Cylinder: 8" I.D. Bore x 5" Rod x 93" Stroke                       | Oil Cooler: Optional – Air-to-Oil                                                                                                                      |
| Maximum Cylinder Burst: 12,000# 4:1 Safety Factor                              | Oil Capacity: 170 Gal.                                                                                                                                 |
| Type of Mount: Trunnion Type                                                   | Command Center:<br><br>Allen Bradley Micrologix 1200                                                                                                   |
| Hydraulic Door Cylinder:<br><br>4" Bore x 8" stroke                            |                                                                                                                                                        |
| Motor:<br><br>T.E.F.C. 460V/3 Ph/60 Hertz<br>Across the line starting standard | Filtration: Combination of cleanable tank screens and magnets and 10 micron absolute filter. Clogged filter indicator warns of need to replace filter. |

**CONSTRUCTION:** Fabricated from heavy structural steel members, gusseted and braced as required. Fitted in jigs and fixtures for proper alignment.

**LINERS:** Hi-Low floor is made of abrasive resistant Hardox 500 material.

### OTHER FEATURES:

Positive Material Stops: 5 gravity activated mounted on top of compressing chamber  
Shear Knife: T1 Steel – Multiple Bolt-In Blades creating a serrated edge - replaceable

\* Bale weights and tonnage results can be affected by variables, such as moisture content, shape, size, thickness and mass of the material to be baled.

\*\* Normal 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. In most applications a 1.5 second delay to allow material to adequately disperse in baling chamber will be required.

\*\*\* Production does not take into account time for manual tie operation.

Built to all current ANSI and OSHA standards. 24-hour telephone hotline for service and technical support.

American Baler, in an effort to keep the product "efficient and up to date", reserves the right to modify these specifications without notice or liability to previously sold machines.