



SPECIFICATIONS NF4560 CLOSED DOOR BALER

Revised 3/09
Spec #NF4560

GENERAL SPECIFICATIONS

PRESSURE DATA

Feed Opening: 45" x 57"	Normal Operating Pressure: 3,000 psi
Charge Box: 64" x 60" x 29"	Compressing Force: 235,620 lbs.
Charge Box Volume: 64.4 cu. ft.	Unit Face Pressure: 135.4 psi
Bale Chamber: 60" x 29"	Ram Penetration: .5" past door
Bale Size Expanded: Approx. 45" x 30" x 60"	Bale Density: Up to 28#/cf

PERFORMANCE DATA:

Horsepower	50
Installation Dwg. (Consult Factory)	CF
Gallons Per Minute	93
Cycle Time (in Seconds) **	20.9
Cycles Per Minute	2.9
Normal Displacement (cf/Hr) **	9,300
Production *** at 1#/cf (up to TPH)	3.0
at 2#/cf (up to TPH)	5.1
Machine Weight	32,000#

TECHNICAL DATA:

Compressing Cylinder: 10" I.D. Bore x 5" Rod x 105" Stroke	Oil Cooler: Air-to-Oil Optional
Maximum Cylinder Burst: 12,000# 4:1 Safety Factor	Oil Capacity: 230 Gal.
Type of Mount: Trunnion Type	Command Center: Allen Bradley Micrologix 1200
Hydraulic Door Cylinder: 5" Bore x 10" Stroke	
Motor: T.E.F.C. 460V/3 Ph/60 Hertz Across the line starting standard	Filtration: 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. Abrasive resistant liner materials are used in wear areas.

LINERS: Hi-Low floor is made of abrasive resistant Hardox 500 brinell hardness materials. Side liners are ¼" Hardox 500. All liners are replaceable. Plunger Hold Down Bars are adjustable from outside of machine.

OTHER FEATURES:

Positive Material Stops: 5 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.

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.