



Revised 1/25/94  
Spec. #1213-B  
Dwg. Y-4300

## SPECIFICATIONS AMBACO MODEL 12847 HORIZONTAL AUTO-TIE BALER

### General Specifications:

Overall Length:	24'-9"
Maximum Width:	11'-7-9/16" (At Tier Station)
Overall Height:	13'-11-1/2"
Feed Opening:	34" x 30"
Bale Chamber Dimension:	40" x 30"
Bale Size:	40" x 30" x Variable
Shipping Wgt:	24,300 Lbs. (Less Oil)

### Technical Data:

Main Cylinder:	8" I.D. Bore x 50" Stroke
Ram Face Pressure:	84 P.S.I.
Total Ram Thrust:	100,530 Lbs.
Pressure Settings:	Operation System Pressure - 2000 P.S.I.
Hydraulic Circuit:	Hi-Low Pump with Full Regenerative Circuit
Motor HP:	60 HP T.E.F.C., 460V, 3 Ph, 60 Hz. Std.
Oil Cooler:	Water-to-Oil Heat Exchanger Standard Air-to-Oil Heat Exchanger Optional
Oil Capacity:	333 U.S. Gallons
Operating Controls:	Allen-Bradley Programmable Controller with Data Table Access Module
Auto-tier:	AMBACO Electro-hydraulic tier unit for 10 GA. black annealed coil wire. Wire feed system for 1000# coil wire.

### Performance Data:

No Load Cycle Time:	7.14 Sec.	Under Load Cycle Time:	10.9 Sec
Cycles Per Minute:	8.4/Min	Cycles Per Minute:	5.5/Min
Volumes Per Hour:	15,740 Ft <sup>3</sup> /Hr	Volumes Per Hour:	10,230 Ft <sup>3</sup> /Hr

Material to be Processed	Loose Infeed Density #/Ft <sup>3</sup>	Tons Per Hour Production @ 65% Loading Efficiency
Old Corrugated Containers - O.C.C.	Estimated 2.5#/Ft. <sup>3</sup>	Up to 8.5 TPH
Old Newspapers - O.N.P.	Estimated 3#/Ft <sup>3</sup>	Up to 10 TPH
High Grade Paper	Estimated 3.5#/Ft <sup>3</sup>	Up to 11.5 TPH

Specifications subject to change without notice and without incurring responsibility to units previously sold. Actual production rates are entirely dependent upon user. Constant flow of material will make these rates achievable. Material preconditioning necessary with some materials.