

# PET Baler / Aluminum Can Baler

Specifically designed to bale PET bottles, HDPE containers, aluminum cans, tin cans, and other hollow waste material. It does a fantastic job of making sure every piece of material in the chamber is fully pressed by incorporating an exceptionally long stroke. The innovative liquid drainage tray can drain any residual liquids. The retaining teeth prevents the compressed materials from springing back and increases the stability and density of the bales. This is a must-have solution for plastic bottle and cans recycling facilities.

### Material Designed To Process:

- PET Bottles
- Aluminum Cans
- HDPE Containers
- Other Hollow Plastic Bottles
- Tetra Pak Containers

### Ideal For These Facilities:

- Bottling Plants
- Breweries
- Supermarkets
- Retail Stores
- Grocery Stores
- Hotels
- Schools
- Hospitals
- Offices
- Restaurants
- Recycling Centers
- Manufacturing Facilities

### Options:

- Hydraulic-driven chamber door for saving labor and improving work efficiency
- Auto feed gate is optional for convenient filling and save space
- Automatic feeding conveyor and ram ejector are optional for saving labor and maximizing output

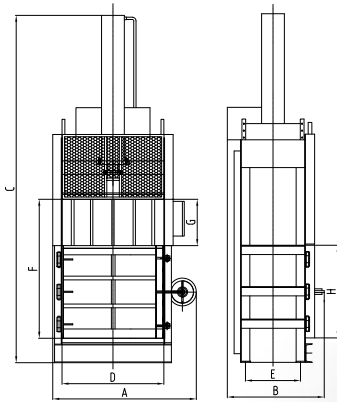


### Features & Benefits:

- Efficient and labor-saving chain bale ejecting system
- Long cylinder stroke ensures full compaction of every hollow product
- Liquid drainage channel to drain the liquid out of the baler
- Replaceable high-density polyethylene guides on platen absorb the side force to the chamber walls to ensure smooth and quiet running
- Simple electric controls make operations easy
- Fast cycle time improves work efficiency
- High volume reduction ratio
- Bale height is adjustable as to make desired bale size
- Integrated valves ensure easy maintenance
- Feed gate interlock system ensures safe operation process
- Special ram guide design ensures the platen moving evenly
- Anti-rebound door structure for safety operation
- Retaining teeth prevent compressed material from spring back and increase bale density and stability

### Specifications & Dimensions:

BALER MODEL	VPB30	VPB40	VPB50
Bale Size (L x W x H)	800mm x 600mm x up to 800mm (31" x 24" x up to 31")	1000mm x 600mm x up to 900mm (39" x 24" x up to 35")	1100mm x 700mm x up to 1000mm (43" x 28" x up to 39")
Bale Weight (PET Bottle)	45-100kg (99-220lbs)	60-150kg (132-330lbs)	70-250kg (154-550lbs)
Press Force (max.)	30tons (66,000lbs)	40tons (88,000lbs)	50tons (110,000lbs)
Cycle Time avg. (no load)	38 seconds	40 seconds	37 seconds
Main Cylinder (bore, rod, stroke)	140mm x 100mm x 1200mm (5.5" x 3.9" x 47")	150mm x 110mm x 1200mm (5.9" x 4.3" x 47")	160mm x 120mm x 1400mm (6.3" x 4.7" x 55")*
Motor	11kW (15hp)	15kW (20hp)	18.5kW (25hp)
Hydraulic Working Pressure (max.)	14Mpa (2030psi)	18Mpa (2610psi)	18Mpa (2610psi)
Oil Capacity	100L (26gal)	120L (31gal)	160L (42gal)
Number of Bale Ties	4	5	6
Feed Opening (L x H)	800mm x 400m (31" x 16")	1000mm x 450mm (39" x 18")	1100mm x 500m (43" x 20")
Chamber Height	1200mm (47")	1500mm (59")	1600mm (63")
Overall Dimensions (L x W x H)	1200mm x 990mm x 2970mm (47" x 39" x 117")	1400mm x 990mm x 3270mm (55" x 39" x 129")	1500mm x 1090mm x 3470mm (59" x 43" x 137")
Unit Weight	1500kg (3,300lbs)	2000kg (4,400lbs)	2500kg (5,500lbs)



BALER MODEL	VPB30	VPB40	VPB50
A	1200mm (47")	1400mm (55")	1500mm (59")
B	990mm (39")	990mm (39")	1090mm (43")
C	2970mm (117")	3270mm (129")	3470mm (137")
D	800mm (31")	1000mm (39")	1100mm (43")
E	600mm (24")	600mm (24")	700mm (28")
F	1200mm (47")	1500mm (59")	1600mm (63")
G	400mm (16")	450mm (18")	500mm (20")
H	800mm (31")	1050mm (41")	1100mm (43")

\*Specifications & Dimensions are subject to change without prior notice. Bale weight is depending on material type and its characteristics.





**SGS Taiwan Ltd.  
EC Laboratory**

134, Wu Kung Road,  
WuKu Ind. Zone, Taipei,  
Taiwan, R.O.C.

Tel: +886-2-2299-3279

Fax: +886-2-2299-9489



**SGS**

Certificate No: EZ/2006/C0006C

## VERIFICATION OF MD & LVD COMPLIANCE

SGS-TW Reference No. : EZ/2006/C0006C

Model No. : TB-1011, TB-0708, TB-0911

Product Name : Automatic Baling Press Machine

Applicant : TECHGENE MACHINERY CO., LTD.

Address of Applicant : No.10, Alley 49, Lane 535, Sec.2, Fong Shih Rd. Fong Yuan, Taichung, Taiwan

SGS approved laboratory : SGS Taiwan

TCF Number(s) : TM-2006-A1

Date of Issue : December 5, 2006

Applicable Standards : EN ISO 12100-1, EN ISO 12100-2, EN 294, EN 1050, EN 60204-1

### Conclusion

Based upon a review of the worksheets and the Technical Construction File, the apparatus is deemed to meet the requirements of the above standards and hence fulfils the requirements of:

*Machinery Directive 98/37/EC*

*Low Voltage Directive 73/23/EEC as amended by 93/68/EEC*

Note: This certificate is only valid for the equipment and configuration described, and in conjunction with the test data detailed above

Authorized Signatory:

SGS TAIWAN LTD.  
Jason Lin



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