

Long Stroke Baler

This vertical hydraulic baler is designed for long stroke pressing which is perfect for pressing products like plastic bottles and aluminum cans. It is a must-have piece of equipment for any hollow plastic or can recycling facilities to compress the waste material into tight and compact bales for easy handling, storage, and transportation.

One time-saving factor is that it combines baling and draining in one step. The liquid tray drainage system serves to catch fluid residues in bottles and cans (which are excreted during the crushing process). This makes for a far neater (and safer) recycling area.

In terms of pressing force and ability, our standard long stroke baler models range from 30tons to 70tons pressure force. Volume reduction ratio can reach 25:1 (this is one of the main advantages of the long-stroke - it ensures full compaction of materials like cans and bottles). These different models are with varying chamber sizes, ensuring there is a model for every business. Of course, we can work with you and set the chamber size according to your specific needs.

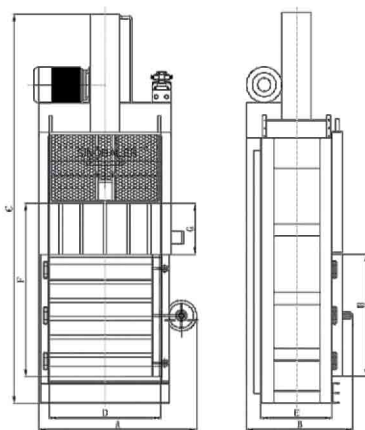
Baling Applications: PET bottles, disposable plastic tableware, HDPE/PP containers, pop/soda cans, etc.

FEATURES

- **Long Stroke** for effective and full compaction of every hollow article in the bale
- **Chain Bale Ejector** for easy and efficient bale ejecting with the lifting up of the chain
- **Sliding Door is Optional** for convenient opening/closing and also reducing space occupation. When platen goes up, the door will be lifted up automatically, which promotes work efficiency and saves labor
- **Liquid Drainage Channel** for draining residual liquid in the containers out of the baler to keep the recycling area neater and safer
- **Adjustable Bale Height** for meeting different demand on bale weight and size
- **Electric Controlled** for easy operation, simply by operating on buttons and switches to fulfill platen moving and bale ejecting
- **Fixed Retainer Claws** for holding the pressed material from springing back
- **Hydraulic Driven Chamber Door is Optional** to enable door opening/closing only with an operation on a rotary switch, which promotes work efficiency and saves labor



Dimensional Data



MODEL	SVBB2-300	SVBB2-400	SVBB2-500	SVBB2-700
A	1200mm / 47"	1400mm / 55"	1500mm / 59"	1900mm / 75"
B	990mm / 39"	990mm / 39"	1090mm / 43"	1150mm / 45"
C	2970mm / 117"	3270mm / 129"	3470mm / 137"	3670mm / 144"
D	800mm / 31"	1000mm / 39"	1100mm / 43"	1500mm / 59"
E	600mm / 24"	600mm / 24"	700mm / 28"	760mm / 30"
F	1200mm / 47"	1400mm / 55"	1500mm / 59"	1600mm / 63"
G	400mm / 16"	450mm / 18"	500mm / 20"	500mm / 20"
H	800mm / 31"	950mm / 37"	1000mm / 39"	1100mm / 43"

Specifications

MODEL		SVBB2-300	SVBB2-400	SVBB2-500	SVBB2-700
Feed Opening	Length	800mm (31")	1000mm (39")	1100mm (43")	1500mm (59")
	Height	400mm (16")	450mm (18")	500mm (20")	500mm (20")
Compressing Chamber Size	Length	800mm (31")	1000mm (39")	1100mm (43")	1500mm (59")
	Width	600mm (24")	600mm (24")	700mm (28")	760mm (30")
	Height	1200mm (47")	1400mm (55")	1500mm (59")	1600mm (63")
Bale Size	Length	800mm (31")	1000mm (39")	1100mm (43")	1500mm (59")
	Width	600mm (24")	600mm (24")	700mm (28")	760mm (30")
	Height	200-800mm (8-31")	300-900mm (12-35")	300-1000mm (12-39")	300-1000mm (12-39")
Bale Weight (for PET bottle)		35-100kg 77-220lbs	50-140kg 110-308lbs	70-230kg 154-506lbs	100-380kg 220-836lbs
	Hydraulic Working Pressure(max.)	14Mpa (2030psi)	14Mpa (2030psi)	18Mpa (2610psi)	18Mpa (2610psi)
Main Cylinder	Bore	140mm (5.5")	150mm (5.9")	160mm (6.3")	150mm (5.9")
	Piston Rod	100mm (3.9")	110mm (4.3")	120mm (4.7")	110mm (4.3")
	Stroke	1000mm (39")	1100mm (43")	1200mm (47")	1300mm (51")
Oil Reservoir		100L (26gal)	120L (31.2gal)	160L (41.6gal)	200L (52gal)
Platen Pressure (kgf/cm ²)		4.5	4.1	4.7	5.6
Motor Power		7.5kw (10HP)	11 kw (15HP)	11 kw (15HP)	15kw (20HP)
Number of Tying		4	4	5	5
Cycle Time (unloaded)		38 seconds	40 seconds	37 seconds	45 seconds
Machine Weight (approx.)		1300kg (2,860lbs)	1650kg (3,630lbs)	2300kg (5,060lbs)	3000kg (7,260lbs)

Overall specifications are subject to change without notice. SBM sales representative for your inquiry will give you the exact specifications for your quoted machine.

**Bale size hereby referred to does not consider bale expanding

** Output rates are subject to your material's input density, feed speed, and other variables of production outside the control of Sinobaler.

