

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 force and ability, our standard long stroke baler models ranges from 30tons to 70tons press 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). We have several different models with varying chamber sizes, ensuring there is a model for every business. Of course, we can work with you and set the chamber size so it's suitable for your specific needs.

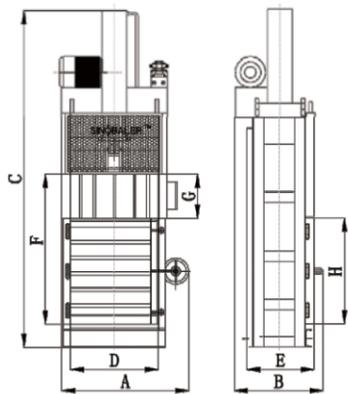
Baling Application: PET bottles, disposable plastic tableware, HDPE/PP containers, pop/soda cans, etc

FEATURES

- Long Stroke for efficient 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 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	SVBS2-500	SVBS2-700
A	1250mm / 49"	1450mm / 57"	1550mm / 61"	1950mm / 77"
B	1000mm / 39"	950mm / 37"	1050mm / 41"	1150mm / 45"
C	3050mm / 120"	3360mm / 132"	3580mm / 141"	3720mm / 146"
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"	500mm / 20"	500mm / 20"	500mm / 20"
H	800mm / 31"	900mm / 35"	1000mm / 39"	1100mm / 43"

Specifications

MODEL	SVBB2-300	SVBB2-400	SVBB2-500	SVBB2-700
Compressing Force (max.)	30ton (66,000lbs)	40ton (88,000lbs)	50ton (110,000lbs)	70ton (154,000lbs)
Feed Opening	Length	800mm (31")	1000mm (39")	1100mm (43")
	Height	400mm (16")	450mm (18")	500mm (20")
Compressing Chamber Size	Length	800mm (31")	1000mm (39")	1100mm (43")
	Width	600mm (24")	600mm (24")	700mm (28")
	Height	1200mm (47")	1400mm (54")	1500mm (59")
Bale Size	Length	800mm (31")	1000mm (39")	1100mm (43")
	Width	600mm (24")	600mm (24")	700mm (28")
	Height	200-800mm (8-31")	300-900mm (12-35")	300-1000mm (12-39")
Bale Weight (for PET bottle)		35-120kg 76-264lbs	60-180kg 132-396lbs	100-250kg 220-550lbs
				200-350kg 440-770lbs
Hydraulic Pressure (max.)	16Mpa (2320psi)	16Mpa (2320psi)	20Mpa (2900psi)	20Mpa (2900psi)
Main Cylinder	Bore	140mm (5.5")	150mm (5.9")	160mm (6.3")
	Piston	110mm (4.3")	110mm (4.3")	120mm (4.7")
	Stroke	1000mm (34.9")	1100mm (43")	1200mm (47")
Oil Reservoir	100L (26.4gal)	120L (31.7gal)	160L (42.2gal)	200L (52.8gal)
Motor Power	7.5kw (10HP)	11kw (10HP)	11kw (15HP)	15kw (20HP)
Number of Tying	4	4	5	5
Cycle Time (unloaded)	38seconds	30seconds	37seconds	40seconds
Machine Weight (approx.)	1250kg (2,750lbs)	1650kg (3,630lbs)	1900kg (4,180lbs)	3000kg (6,600lbs)

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

*SVBB2-700 is a dual-ram baler

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

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

