



SVB SERIES ROUND BOWL

With Internal Media / Parts Separation

By UltraMatic The Leader in Vibratory Finishing Since 1959

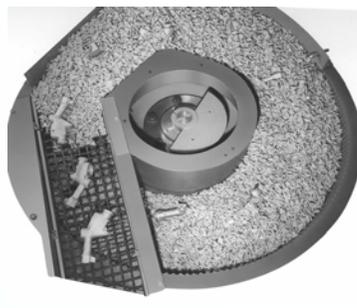


SPIRAL BOWL ADVANTAGE

MODEL SVB 40 (at left) has a process capacity of 40 cubic feet and is shown discharging parts off the straight out screen deck. Ultramatic SVB SERIES machines 15 cubic feet and larger feature a bottom contour bowl that spirals up gradually to meet the internal screen deck. This crucial feature achieves 100% separation of parts and media. The spiral design is considered a special order by some manufacturers or not even offered. Although more expensive to manufacture, we have maintained the premium spiral feature in our standard line since 1978 to insure our customers maximum separation efficiency.

Ramp Down: Processing

Ramp Up: Separation



The internal parts separation ramp is activated manually or by pneumatic cylinder, the ramp pivots up lifting both the abrasive media and parts to the separation screen deck. The ceramic media falls through the screen openings and the parts (gasoline pumps in the photo) automatically discharge out of the machine. A self locking manual lever is provided on the SVB 3.5 , SVB 5 and SVB 7 to easily move the ramp up or down. On the SVB 10 thru the SVB 60 a pneumatic cylinder is a standard feature to activate the parts unload ramp. Optional programmable timer is available to set the process time and unload (separation) time in a automatic sequence. The center flywheel guard was removed for the photos left.

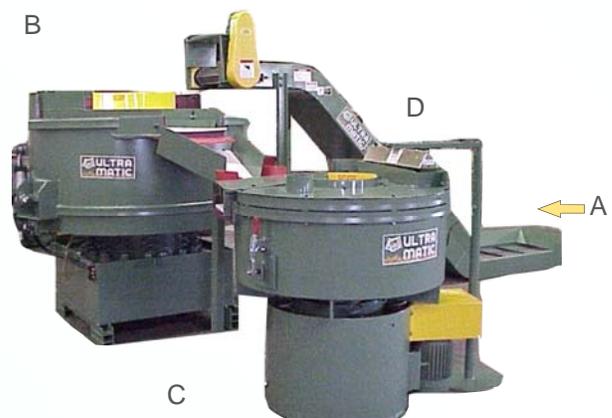
Below: Dual Setup SVB 20 Wet Process Feeds SVB 7D Cob Dryer

A) Steel Belt Conveyor receives parts directly from the stamping press for auto feed into the vibratory machine.

B) SVB 20 Vibratory Machine to deburr parts then unload via transfer conveyor to the parts drying phase.

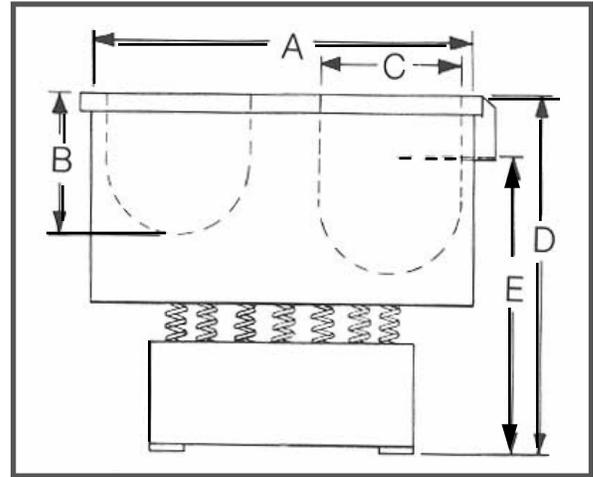
C) SVB 7D Parts Dryer Bowl utilizes a heated corn cob media to completely dry parts on a batch or flo-thru basis.

D) Heat Lamp / Bowl Cover Package on SVB 7D
Quartz heat lamp keeps cob warm and bowl cover eliminates dust. Ask for SVB DRY 100 literature for details.





POST PROCESS CONVEYOR SYSTEMS like our two stage wash / dry conveyor above can be added to your SVB Series Bowl Machine. Ask for Wash/Dry literature for details.



MODEL	CU. FT. CAP.	MOTOR HP	A DIAMETER	B DEPTH	C WIDTH	D HEIGHT	E UNLOAD	SHIP WEIGHT
SVB 5	5	2	43 "	11 "	12 1/2 "	43 "	36 "	1500 #
SVB 7	6.5	3	44 "	13 "	12 1/2 "	43 "	40 "	1850 #
SVB 10	9	5	51 "	14 "	15 "	48 "	43 "	3500 #
SVB 15	15	7.5	63 1/2 "	17 "	16 "	54 "	47 "	4150 #
SVB 20	19	10	63 1/2 "	18 "	16 "	55 "	49 "	4750 #
SVB 25	25	10	84 "	16 "	18 "	52 "	46 "	5300 #
SVB 40	40	20	88 "	22 "	20 "	56 "	49 "	6800 #
SVB 60	60	30	92 "	30 "	30 "	72 "	50 "	10,000 #

AVAILABLE FEATURES
(refer to quotation for specifications)

- SPIRAL BOWL DESIGN
- AUTOMATIC BEARING LUBE (Two year warranty)
 - VARIABLE SPEED DRIVE
- AUTOMATIC PREMIXING COMPOUND SYSTEM
 - ELECTRICAL CONTROL PANEL
 - 84 DBA SOUND SUPPRESSOR COVER
 - SCREEN DECK SPRAY RINSE
- REMOVABLE COATED SCREEN DECK
 - MEDIA UNLOAD DOOR
- URETHANE LINING WITH RIBBED SIDEWALLS
 - ADJUSTABLE AMPLITUDE
- PNEUMATICALLY CONTROLLED PARTS UNLOAD RAMP
 - SLUDGE SETTLING TANK
- MAGNETIC PARTS SEPARATOR CONVEYOR



MODEL SVB 20 WITH FREE STANDING SOUND COVER
Metal hood lined with sound reduction foam reduces noise level to 84 dBA or below. With a gentle push one half of the cover slides easily under the other half via center pivot bearing. The load / unload area of the bowl is exposed for loading and unloading and inspection of parts.



UltraMATIC EQUIPMENT CO.
848 S. Westgate Drive
Addison, IL. 60101

PHONE: (630) 543-4565
FAX: (630) 543-4569
www.ultramatic-equipment.com