

SVP

SECTIONAL VULCANIZING PRESS



The SVP from Shaw Almix is the world's preferred heavyweight sectional vulcanizing press. Offering great size versatility with complete coverage of all splice lengths, either fabric ply and steelcord. SVP is extremely portable and its expendability make it the number one industry splice choice.

FEATURES

- Signature Almix "Pressure Bag" uniform pressure system
- Custom "Extruded Plank" cooling system within platens
- Innovative "Silicone Element" fast heating system
- Optional HPP20-4 fluid pressure pump and reservoir unit mandatory for operating pressures above 7kg/cm² (100 psi)
- Improved design that includes flush valves and inset steel bolts/nuts connecting the traverse bars
- All electrical systems are CE, CSA and UL approved
- SVP platens are built to order with all dimensions offered to accommodate various belt widths
- Pressure systems are engineered for fabric ply belting reach 7kg/cm² (100 psi) and for steelcord belt 14kg/cm² (200 psi)

SPECIFICATIONS

- **PLATEN** Custom extruded plank, silicone heating elements (up to 163°C/325°F), and durable composite insulating packaging are used to construct a flexible platen that contours to belt irregularities. Flush "quick connect" make smooth profile; recessed power connections are sealed for moisture resistance.
- **TRAVERSE BARS** Superior E-style bars made of extruded aluminum are engineered for any belt width. Recessed high tensile steel nut/bolt assemblies connect E-bars for a steadfast, reduced profile. Each press includes the Almix restraining system as a secondary E-bar lock for increased operator safety. Can be used with the UBR style bar system.
- **CONTROLS** The new Almix SG1 Switchgear Box is the most advanced control system in the world. Incorporating controls for 4 platens. The SG1 also has input for 8 thermocouple leads to monitor platen temperature. When used in conjunction with SG1 Switchgear Box, ALMEXPAD Senior wirelessly transmits platen temperature, dwell time, operating pressure and splice time to the computer data base for storage and compilation, allowing splice data to be stored and recalled. ALMEXPAD Senior controls both air compressors and cooling pumps to completely automate the splice cycle.
- **PRESSURE/COOLING** HPP20-4 pump with a 3/4 HP motor and 75 litre (19.8 US Gal) reservoir allows easy application of pressure up to 14kg/cm² (200 psi). Pump includes gauges for fluid level and pressure. Extra reservoirs easily added for larger presses. Cooling option available (HPPC20-4).



Note: The above data is based on extensive testing and represents standard values. Shaw Almix Industries reserves the right to make changes without prior notice and refuses all claims arising from such changes. All items are subject to change without previous notice.

STEPS TO SECTIONAL MODEL SELECTION

The proper model selection for a SECTIONAL vulcanizer depends on determining dimensions A and B (see diagram at right).

A – the platen length (A) is calculated by adding to the belt manufacturer’s recommended splice length,
 6 inches (150 mm) for fabric belt
 8 inches (205 mm) for finger splice
 14 inches (355 mm) for steelcord belt

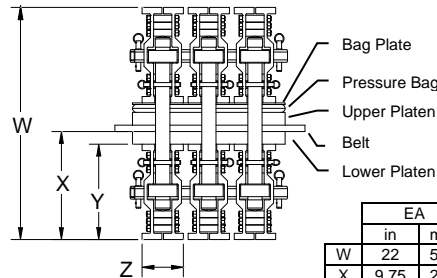
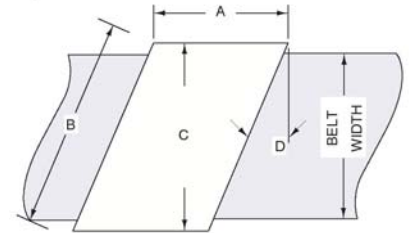
B – the platen width (B) which includes the bias angle, is determined by adding to the belt width
 6 inches (150 mm) for fabric belt
 8 inches (200 mm) for steelcord belt
 To this figure multiply by:
 1.07 for 22 degree bias angle
 1.05 for 17 degree bias angle

Dimensions A and B represent the outside platen dimensions. Scan down the list below until you arrive at a platen size that corresponds with your calculations.

If the size you require is not listed below our Sales department will be happy to recommend a suitable size.

Custom sizes, rectangular configurations and multiple platen arrangements are also available upon request.

- A = Length of platen along the belt.
- B = Width of platen across the belt on the bias.
- C = Right angle dimension across the belt, plus edge overlap.
- D = Bias angle.



	EA		EAX		EB		EC		E380	
	in	mm	in	mm	in	mm	in	mm	in	mm
W	22	559	27.5	699	32.5	826	32.5	826	36.5	927
X	9.75	248	12.5	318	15	381	15	381	17	432
Y	7.75	197	10.5	267	13	330	13	330	15	381
Z	7	178	7	178	6	152	6.5	165	6.5	165

The following is only a small sampling of Sectional vulcanizing presses available from Shaw-Almex Industries. Custom sizes, rectangular configurations, multiple platen arrangements or models for higher operating pressure available on request. Contact us or your local representative for more information.

100 PSI (7 kg/cm sq.) units suitable for splicing fabric ply belting.

Model Number	Maximum Belt Width		Platen Dimensions						Splice Length (subtract 2 in / 50 mm for finger splice)		Traverse Bar System			Main Component Weights				Approximate Total Weight	
			A		B		C				Nbr of Sets	Type	Bar Length		Bar		Platen		
	in	mm	in	mm	in	mm	in	mm	in	mm			lbs	kg	lbs	kg	lbs	kg	

SVP-1930-22-100-T6-2EA42	24	610	19	480	30	760	28	710	13	330	2	EA	42	1067	52	24	55	25	501	228
SVP-1937-22-100-T6-2EA49	30	760	19	480	37	940	34	865	13	330	2	EA	49	1245	61	28	68	31	568	258
SVP-1943-22-100-T6-2EA55	36	915	19	480	43	1090	40	1015	13	330	2	EA	55	1397	68	31	79	36	624	284
SVP-2843-22-100-T6-3EA55	36	915	28	710	43	1090	40	1015	22	560	3	EA	55	1397	68	31	116	53	917	417
SVP-3343-22-100-T6-4EA55	36	915	33	840	43	1090	40	1015	27	685	4	EA	55	1397	68	31	137	62	1151	523
SVP-3743-22-100-T6-4EA55	36	915	37	940	43	1090	40	1015	31	785	4	EA	55	1397	68	31	153	70	1199	545
SVP-1950-22-100-T6-2EA62	42	1065	19	480	50	1270	46	1170	13	330	2	EA	62	1575	77	35	92	42	691	314
SVP-2850-22-100-T6-3EA62	42	1065	28	710	50	1270	46	1170	22	560	3	EA	62	1575	77	35	135	61	1015	462
SVP-3350-22-100-T6-4EA62	42	1065	33	840	50	1270	46	1170	27	685	4	EA	62	1575	77	35	159	72	1275	580
SVP-3750-22-100-T6-4EA62	42	1065	37	940	50	1270	46	1170	31	785	4	EA	62	1575	77	35	178	81	1330	604
SVP-4350-22-100-T6-5EA62	42	1065	43	1090	50	1270	46	1170	37	940	5	EA	62	1575	77	35	207	94	1603	729
SVP-1958-22-100-T6-2EA70	48	1220	19	480	58	1475	54	1370	13	330	2	EA	70	1778	87	40	106	48	766	348
SVP-2858-22-100-T6-3EA70	48	1220	28	710	58	1475	54	1370	22	560	3	EA	70	1778	87	40	157	71	1128	513
SVP-3358-22-100-T6-4EA70	48	1220	33	840	58	1475	54	1370	27	685	4	EA	70	1778	87	40	185	84	1417	644
SVP-3758-22-100-T6-4EA70	48	1220	37	940	58	1475	54	1370	31	785	4	EA	70	1778	87	40	207	94	1479	672
SVP-4358-22-100-T6-5EA70	48	1220	43	1090	58	1475	54	1370	37	940	5	EA	70	1778	87	40	240	109	1784	811

Model Number	Maximum Belt Width		Platen Dimensions						Splice Length (subtract 2 in / 50 mm for finger splice)		Traverse Bar System				Main Component Weights				Approximate Total Weight	
			A		B		C				Nbr of Sets	Type	Bar Length		Bar		Platen			
	in	mm	in	mm	in	mm	in	mm	in	mm			lbs	kg	lbs	kg	lbs	kg		
SVP-1965-22-100-T6-2EA77	54	1370	19	480	65	1650	60	1525	13	330	2	EA	77	1956	95	44	119	54	833	378
SVP-2865-22-100-T6-3EA77	54	1370	28	710	65	1650	60	1525	22	560	3	EA	77	1956	95	44	175	80	1227	558
SVP-3365-22-100-T6-4EA77	54	1370	33	840	65	1650	60	1525	27	685	4	EA	77	1956	95	44	207	94	1541	701
SVP-3765-22-100-T6-4EA77	54	1370	37	940	65	1650	60	1525	31	785	4	EA	77	1956	95	44	232	105	1610	732
SVP-4365-22-100-T6-5EA77	54	1370	43	1090	65	1650	60	1525	37	940	5	EA	77	1956	95	44	270	123	1942	883
SVP-1971-22-100-T6-2EAX83	60	1525	19	480	71	1800	66	1675	13	330	2	EAX	83	2108	126	58	130	59	990	450
SVP-2871-22-100-T6-3EAX83	60	1525	28	710	71	1800	66	1675	22	560	3	EAX	83	2108	126	58	192	87	1462	665
SVP-3371-22-100-T6-4EAX83	60	1525	33	840	71	1800	66	1675	27	685	4	EAX	83	2108	126	58	226	103	1850	841
SVP-3771-22-100-T6-4EAX83	60	1525	37	940	71	1800	66	1675	31	785	4	EAX	83	2108	126	58	253	115	1924	875
SVP-4371-22-100-T6-5EAX83	60	1525	43	1090	71	1800	66	1675	37	940	5	EAX	83	2108	126	58	294	134	2330	1059
SVP-1984-22-100-T6-2EAX96	72	1830	19	480	84	2135	78	1980	13	330	2	EAX	96	2438	146	67	154	70	1128	513
SVP-2884-22-100-T6-3EAX96	72	1830	28	710	84	2135	78	1980	22	560	3	EAX	96	2438	146	67	227	103	1667	758
SVP-3384-22-100-T6-4EAX96	72	1830	33	840	84	2135	78	1980	27	685	4	EAX	96	2438	146	67	267	121	2110	959
SVP-3784-22-100-T6-4EAX96	72	1830	37	940	84	2135	78	1980	31	785	4	EAX	96	2438	146	67	300	136	2196	998

- Specifications are subject to change without notice.
- Integral cooling standard on all units.
- Total weights include electrical control panel, cable sets and set-up templates for all models.
- Temperature adjustable between 200 - 325 deg. F (93 - 163 deg. C).
- Sectional vulcanizers are built on a 22 degree bias with a left hand lead.