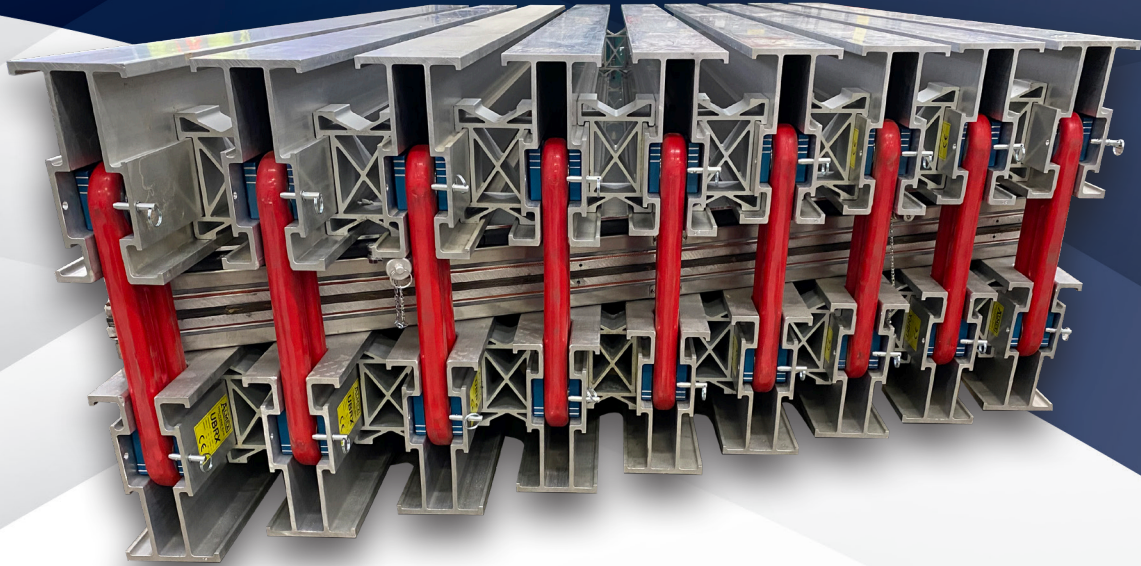




VULCANIZING PRESSES



## UBR Series

### SECTIONAL VULCANIZING PRESS

Introducing one of the most advanced vulcanizers in the world, featuring the High Tensile Restraint (HTR) system. Developed by Almex Group, the HTR system replaces heavy pressure bolts with significantly lighter and stronger advanced composite materials. Rugged and corrosion-proof, this unique restraint system greatly reduces the potential of injury.

#### FEATURES:

- Flexible design for fabric or steel cable splices
- Ultra-light beam design, weighs only 13.5 kg/m
- New High Tensile Restraint (HTR) system is 70% lighter than standard bolts
- HTR Restraints: UBR (Yellow), UBRX (Red) and UBRXL (Blue)
- Increased setup stability and safety
- Unique design stores restraint system inside beams
- Patented connector block ensures proper spacing
- HTR System provides uniform spacing between bars
- Connector blocks connect the traverse bars together for lifting
- Three bar profiles UBR, UBRX, UBRXL



#### AVAILABLE ACCESSORIES:

- T6 Series Control Boxes
- SG1 Multi-Press Control Box
- Cooling and Pressure Tanks





# UBR Sectional Vulcanizing Press

PRODUCT SPECIFICATIONS:

## PLATENS

- Flexible platens contour with irregularities in the belt, ensuring uniform pressure across the entire splice area
- Platens are built with extruded plank, durable silicon heating elements and composite insulating package
- Platens available in rhombic, rectangular or rhombic/rectangular platen configurations

## TRAVERSE BARS

- Bars are available in three profiles, UBR, UBRX and UBRXL and are designed to accommodate higher pressures
- Patented X connector blocks ensure proper spacing between the bars during setup and also function as a secondary safety system
- The High Tensile Restraint System (HTR) works with the traverse bars to contain the components of the press
- Unique adjustment blocks allow for eight different daylight adjustments
- HTR restraints can conveniently be stored inside the traverse bars during transportation
- Increased safety with the use of the HTR System

## CONTROL BOX

### SUITABLE CONTROLS:

- T6 (all models)
- SG1

### GROUND FAULT:

- T4-GF1 (BOTE)
- T4-GF2 (BOTE)
- T4P-GF1 (AS/NZS)
- T4P-GFIU (AS/NZS)
- T6GFXP

## PRESSURE, COOLING

- Bars are available in three profiles, UBR, UBRX and UBRXL and are designed to accommodate higher pressures
- Patented X connector blocks ensure proper spacing between the bars during setup and also function as a secondary safety system
- The High Tensile Restraint System (HTR) works with the traverse bars to contain the components of the press
- Unique adjustment blocks allow for eight different daylight adjustments
- HTR restraints can conveniently be stored inside the traverse bars during transportation
- Increased safety with the use of the HTR System

## 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

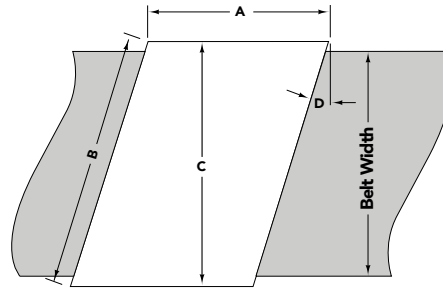
- 6 inches (150 mm) for fabric ply belt
- 8 inches (205 mm) for finger splice
- 14 inches (355 mm) for steelcord belt

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

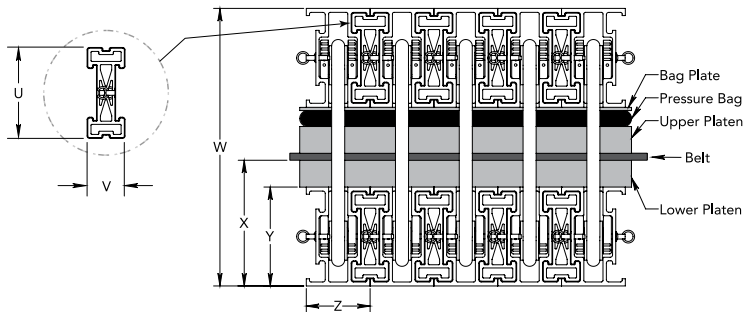
To this figure multiply by:

- 1.07 for 22 degree bias angle
- 1.05 for 17 degree bias angle



- 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.

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 figures. 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.



	RESTRAINT BLOCK UBR / UBRX NON-SPACED		RESTRAINT BLOCK UBR / UBRX SPACED		RESTRAINT BLOCK UBRXL NON-SPACED		RESTRAINT BLOCK UBRXL SPACED	
	2.15 lbs	1 kg	2.875 lbs	1.3 kg	2.78 lbs	1.26 kg	4.2 lbs	1.9 kg
	in	mm	in	mm	in	mm	in	mm
U	7	178	7	178	11.4	289.5	11.4	289.5
V	2.875	73	4.53	115	2.25	57	3.9	99

	UBR		UBRX		UBRXL	
	in	mm	in	mm	in	mm
W	21.75	552	27.75	705	32.25	819
X	9.875	251	12.625	320.5	15.125	384
Y	7.75	197	10.5	267	13	330
Z	5	127	5	127	4.94	125.5

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 ( 7kg/cm<sup>2</sup> ) units available for splicing fabric ply belting.

MODEL NUMBER	MAX BELT WIDTH		PLATEN DIMENSIONS						SPLICE LENGTH (SUBTRACT 2 IN / 50MM FOR FINGER SPLICE)		TRAVERSE BARS			MAIN COMPONENT WEIGHTS				APPROX. TOTAL WEIGHT		
	IN	MM	A		B		C		IN	MM	SETS	TYPE	LENGTH		BAR		PLATEN		LBS	KG
SVP-1930-22-100-T6-3UBRSP44	24	610	19	480	30	760	28	710	13	330	3	UBRSP	44	1118	35	16	55	25	459	209
SVP-1937-22-100-T6-3UBRSP51	30	760	19	480	37	940	34	865	13	330	3	UBRSP	51	1295	41	19	68	31	524	238
SVP-1943-22-100-T6-3UBRSP57	36	915	19	480	43	1090	40	1015	13	330	3	UBRSP	57	1448	46	21	79	36	580	264
SVP-2843-22-100-T6-4UBRSP57	36	915	28	710	43	1090	40	1015	22	560	4	UBRSP	57	1448	46	21	116	53	785	357
SVP-3343-22-100-T6-5UBRSP57	36	915	33	840	43	1090	40	1015	27	685	5	UBRSP	57	1448	46	21	137	62	950	432
SVP-3743-22-100-T6-5UBRSP57	36	915	37	940	43	1090	40	1015	31	785	5	UBRSP	57	1448	46	21	153	70	991	450
SVP-1950-22-100-T6-3UBRSP64	42	1065	19	480	50	1270	46	1170	13	330	3	UBRSP	64	1626	51	23	92	42	645	293
SVP-2850-22-100-T6-4UBRSP64	42	1065	28	710	50	1270	46	1170	22	560	4	UBRSP	64	1626	51	23	135	61	877	398
SVP-3350-22-100-T6-5UBRSP64	42	1065	33	840	50	1270	46	1170	27	685	5	UBRSP	64	1626	51	23	159	72	1061	482
SVP-3750-22-100-T6-5UBRSP64	42	1065	37	940	50	1270	46	1170	31	785	5	UBRSP	64	1626	51	23	178	81	1108	504
SVP-4350-22-100-T6-6UBRSP64	42	1065	43	1090	50	1270	46	1170	37	940	6	UBRSP	64	1626	51	23	207	94	1304	593
SVP-1958-22-100-T6-3UBRSP72	48	1220	19	480	58	1475	54	1370	13	330	3	UBRSP	72	1829	58	26	106	48	719	327
SVP-2858-22-100-T6-4UBRSP72	48	1220	28	710	58	1475	54	1370	22	560	4	UBRSP	72	1829	58	26	157	71	981	446
SVP-3358-22-100-T6-5UBRSP72	48	1220	33	840	58	1475	54	1370	27	685	5	UBRSP	72	1829	58	26	185	84	1187	540
SVP-3758-22-100-T6-5UBRSP72	48	1220	37	940	58	1475	54	1370	31	785	5	UBRSP	72	1829	58	26	207	94	1242	565
SVP-4358-22-100-T6-6UBRSP72	48	1220	43	1090	58	1475	54	1370	37	940	6	UBRSP	72	1829	58	26	240	109	1463	665
SVP-1965-22-100-T6-3UBRSP79	54	1370	19	480	65	1650	60	1525	13	330	3	UBRSP	79	2007	63	29	119	54	784	357
SVP-2865-22-100-T6-4UBRSP79	54	1370	28	710	65	1650	60	1525	22	560	4	UBRSP	79	2007	63	29	175	80	1072	487
SVP-3365-22-100-T6-5UBRSP79	54	1370	33	840	65	1650	60	1525	27	685	5	UBRSP	79	2007	63	29	207	94	1298	590
SVP-3765-22-100-T6-5UBRSP79	54	1370	37	940	65	1650	60	1525	31	785	5	UBRSP	79	2007	63	29	232	105	1360	618
SVP-4365-22-100-T6-6UBRSP79	54	1370	43	1090	65	1650	60	1525	37	940	6	UBRSP	79	2007	63	29	270	123	1601	728
SVP-1971-22-100-T6-3UBRNS85	60	1525	19	480	71	1800	66	1675	13	330	3	UBRNS	85	2159	68	31	130	59	834	379
SVP-2871-22-100-T6-4UBRSP85	60	1525	28	710	71	1800	66	1675	22	560	4	UBRSP	85	2159	68	31	192	87	1150	523
SVP-3371-22-100-T6-5UBRSP85	60	1525	33	840	71	1800	66	1675	27	685	5	UBRSP	85	2159	68	31	226	103	1393	633
SVP-3771-22-100-T6-5UBRSP85	60	1525	37	940	71	1800	66	1675	31	785	5	UBRSP	85	2159	68	31	253	115	1460	664
SVP-4371-22-100-T6-6UBRSP85	60	1525	43	1090	71	1800	66	1675	37	940	6	UBRSP	85	2159	68	31	294	134	1720	782



# UBR Sectional Vulcanizing Press

PRODUCT SPECIFICATIONS:

...continued

MODEL NUMBER	MAX BELT WIDTH		PLATEN DIMENSIONS						SPLICE LENGTH (SUBTRACT 2 IN / 50MM FOR FINGER SPLICE)		TRAVERSE BARS			MAIN COMPONENT WEIGHTS				APPROX. TOTAL WEIGHT		
			A		B		C				SETS	TYPE	LENGTH	BAR		PLATEN				
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM			IN	MM	LBS	KG	LBS	KG	LBS	KG
SVP-1984-22-100-T6-3UBRXNS98	72	1830	19	480	84	2135	78	1980	13	330	3	UBRXNS	98	2489	99	45	154	70	1082	492
SVP-2884-22-100-T6-4UBRXSP98	72	1830	28	710	84	2135	78	1980	22	560	4	UBRXSP	98	2489	99	45	227	103	1489	677
SVP-3384-22-100-T6-5UBRXSP98	72	1830	33	840	84	2135	78	1980	27	685	5	UBRXSP	98	2489	99	45	267	121	1811	823
SVP-3784-22-100-T6-5UBRXSP98	72	1830	37	940	84	2135	78	1980	31	785	5	UBRXSP	98	2489	99	45	300	136	1890	859

200 psi (14kg/cm2) units available for splicing steelcord conveyor belting.

MODEL NUMBER	MAX BELT WIDTH		PLATEN DIMENSIONS						SPLICE LENGTH		SPANNER BARS			QTY BOLT/NUT ASSY.	MAIN COMPONENT WEIGHTS						APPROX. TOTAL WEIGHT		
			A		B		C				QTY	TYPE	LENGTH		PLATEN		BAR		WEIGHT				
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM			IN	MM			LBS	KG	LBS	KG	LBS	KG	LBS
SVP 2643	32	815	26	660	43	1090	40	1015	12	305	3 sets	EA	55	1397	6	108	49	68	31	18	8	1001	455
SVP 2843	32	815	28	710	43	1090	40	1015	14	355	3 sets	EA	55	1397	6	116	53	68	31	18	8	1025	466
SVP 3343	32	815	33	840	43	1090	40	1015	19	485	4 sets	EA	55	1397	8	137	62	68	31	18	8	1259	572
SVP 3743	32	815	37	940	43	1090	40	1015	23	585	4 sets	EA	55	1397	8	153	70	68	31	18	8	1308	594
SVP 2850	38	965	28	710	50	1270	46	1180	14	355	3 sets	EA	62	1574	6	135	61	77	35	18	8	1124	511
SVP 3350	38	965	33	840	50	1270	46	1180	19	485	4 sets	EA	62	1574	8	159	72	77	35	18	8	1384	629
SVP 4250	38	965	42	1065	50	1270	46	1180	28	710	5 sets	EA	62	1574	10	202	92	77	35	18	8	1698	772
SVP 2856	44	1120	28	710	56	1420	52	1320	14	355	3 sets	EAX	68	1727	6	151	69	103	47	20	9	1335	607
SVP 3756	44	1120	37	940	56	1420	52	1320	23	585	4 sets	EAX	68	1727	8	200	91	103	47	20	9	1719	781
SVP 4256	44	1120	42	1065	56	1420	52	1320	28	710	5 sets	EAX	68	1727	10	227	103	103	47	20	9	2043	928
SVP 2658	46	1170	26	660	58	1475	54	1370	12	305	3 sets	EAX	70	1778	6	145	66	106	48	20	9	1335	607
SVP 3358	46	1170	33	840	58	1475	54	1370	19	485	4 sets	EAX	70	1778	8	185	84	106	48	20	9	1698	772
SVP 3758	46	1170	37	940	58	1475	54	1370	23	585	4 sets	EAX	70	1778	8	207	94	106	48	20	9	1761	800
SVP 4558	46	1170	45	1140	58	1475	54	1370	31	785	5 sets	EAX	70	1778	10	252	114	106	48	20	9	2140	973
SVP 2862	50	1270	28	710	62	1575	57	1460	14	355	3 sets	EAX	74	1879	6	167	76	112	51	20	9	1429	650
SVP 3365	52	1320	33	840	65	1650	60	1530	19	485	4 sets	EAX	77	1955	8	207	94	117	53	20	9	1838	836
SVP 3665	52	1320	36	915	65	1650	60	1530	22	560	4 sets	EAX	77	1955	8	226	103	117	53	20	9	1890	859
SVP 4068	55	1395	40	1015	68	1725	63	1600	26	660	5 sets	EB	80	2032	10	262	119	134	61	22	10	2457	1117
SVP 2469	56	1420	24	610	69	1750	64	1625	10	255	3 sets	EAX	81	2057	6	160	73	123	56	20	9	1467	667
SVP 2871	58	1470	28	710	71	1800	66	1675	14	355	3 sets	EB	83	2108	6	192	87	139	63	22	10	1663	756
SVP 3371	58	1470	33	840	71	1800	66	1675	19	485	4 sets	EAX	83	2108	8	226	103	126	57	20	9	1958	890
SVP 3671	58	1470	36	915	71	1800	66	1675	22	560	5 sets	EB	83	2108	10	246	112	139	63	22	10	2461	1118
SVP 4471	58	1470	44	1115	71	1800	66	1675	30	765	6 sets	EB	83	2108	12	301	137	139	63	22	10	2934	1334
SVP 4273	60	1525	42	1065	73	1850	68	1720	28	710	6 sets	EB	85	2159	12	296	134	143	65	22	10	2957	1344
SVP 2886	72	1830	28	710	86	2185	80	2025	14	355	4 sets	EB	98	2489	8	232	106	165	75	22	10	2288	1040
SVP 3386	72	1830	33	840	86	2185	80	2025	19	485	4 sets	EC	100	2540	8	274	124	248	113	36	16	3181	1446
SVP 3786	72	1830	37	940	86	2185	80	2025	23	585	5 sets	EB	98	2489	10	307	139	165	75	22	10	2863	1301
SVP 2897	82	2085	28	710	97	2465	90	2285	14	355	3 sets	E380	111	2819	6	262	119	320	145	41	19	3033	1379

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.