



PRO SERIES

FRAME STYLE VULCANIZING PRESS



COMING SOON:
T2 and T3 controls
interface with
ALMEXPAD Junior
for data retrieval and
documentation.



The Shaw Almex Pro Series is a solid aluminum frame press that allows for quick and easy operation. With end handles and positioning rings (for larger models), the Pro is easy to maneuver into the desired splice position. Each press in the Pro Series boasts the following superior Almex technology:

FEATURES

- Signature Almex "Pressure Bag" uniform pressure system
- Custom "Extruded Plank" cooling system within platens
- Durable "Silicone Element" heating system, custom designed to voltage phase and cycle
- Upper and Lower aluminum frames
- An Almex T-Series control panel for managing temperature/time
- Standard and custom presses sizes available
- Side by side arrangements to accommodate longer splice lengths

SPECIFICATIONS

- **PLATEN** Utilizes innovative Almex flexible platen constructed from extruded plank, silicone heating element and durable composite insulation. Each platen contours to belt irregularities, ensuring uniform results. Maximum temperature 163°C (325°F). Platens available, either rhombic or rectangular design.
- **FRAME** Two light and rugged aluminum frames comprise upper and lower portions of press. Ends equipped with carrying handles on smaller models; sides are also equipped with handles on larger models.
- **CONTROL PANEL** T1F (inframe, maximum 30 amps total) and T2 (remote, maximum 40 amps total) for 230 Volt single phase operation. T3 (remote, maximum 30 amps total) for three phase operation. T2 and T3 panels feature dual temperature control and indication systems and are housed in rugged aluminum box with handle and cover. Optional timer available on T2 and T3.
- **PRESSURE/COOLING** Almex inflatable pressure system, made from durable fabric reinforced rubber ensures uniform pressure across splice surface. Presses available for two pressure thresholds; Pro Series 60 - 4 kg/cm² (60 psi) maximum, Pro Series 100 - 7 kg/cm² (100 psi) maximum. Quick integral water cooling incorporated in platen design.

OPTIONS

- Custom sizes available.
- Side handles on smaller units.
- Junior ALMEXPAD available for use with T2 and T3 for superior control recording and data delivery.



Note: The above data is based on extensive testing and represents standard values. Shaw Almex 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.

Model - PRO - 60 PSI	Maximum operating pressure 60 PSI (4 kg/cm ²) Maximum temperature 325 deg F (160 deg C)
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MODEL	PLATEN SIZE		MAXIMUM BELT WIDTH		WEIGHTS				OVERALL HEIGHT		OVERALL WIDTH		OVERALL LENGTH	
	IN	MM	IN	MM	TOP HALF		TOTAL		IN	MM	IN	MM	IN	MM
					LBS	KG	LBS	KG						

PRO - 60 PSI - Rectangular Models

PRO-1636-R-60	16 x 36	405 x 915	32	800	120	54	274	124	18	455	17	430	52	1320
PRO-1440-R-60	14 x 40	355 x 1015	36	900	112	51	246	112	16	405	17	430	49	1245
PRO-1642-R-60	16 x 42	405 x 1065	38	950	130	59	300	136	17	430	17	430	56	1420
PRO-1646-R-60	16 x 46	405 x 1170	42	1050	150	68	346	157	18	455	17	430	60	1525
PRO-1852-R-60	18 x 52	455 x 1320	48	1200	200	91	435	197	18	455	17	430	69	1755
PRO-1654-R-60	16 x 54	405 x 1370	48	1200	198	90	424	192	18	455	17	430	70	1780
PRO-1658-R-60 *	16 x 58	405 x 1475	52	1300	210	95	450	204	19.5	495	17	430	73.5	1865

EST

PRO - 60 PSI - Rhomboid Models (all platens built on a 22 degree bias with a "left hand" lead.

PRO-1930-22-60	19 x 30	480 x 760	24	600	100	45	225	102	16	405	19	485	51	1295
PRO-1937-22-60	19 x 37	480 x 940	32	800	120	54	270	122	16	405	19	485	58	1475
PRO-1943-22-60	19 x 43	480 x 1090	36	900	146	66	319	145	16	405	19	485	64	1625
PRO-1946-22-60	19 x 46	480 x 1170	38	950	170	77	360	163	18.5	470	19	485	67.5	1715
PRO-1950-22-60	19 x 50	480 x 1270	42	1050	196	89	420	190	18	455	19	485	72	1830
PRO-1356-22-60	13 x 56	330 x 1420	48	1200	135	61	290	132	19.5	495	14	355	75	1905
PRO-1956-22-60	19 x 56	480 x 1420	48	1200	218	99	472	214	19	485	19	485	78	1980

Model - PRO - 100 PSI	Maximum operating pressure 100 PSI (7 kg/cm ²) Maximum temperature 325 deg F (160 deg C)
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MODEL	PLATEN SIZE		MAXIMUM BELT WIDTH		WEIGHTS				OVERALL HEIGHT		OVERALL WIDTH		OVERALL LENGTH	
	IN	MM	IN	MM	TOP HALF		TOTAL		IN	MM	IN	MM	IN	MM
					LBS	KG	LBS	KG						

PRO - 100 PSI - Rectangular Models

PRO-1420-R-100	14 x 20	355 x 510	18	450	63	29	142	64	16	405	17	430	29	735
PRO-1426-R-100	14 x 26	355 x 660	24	600	79	36	174	79	16	405	17	430	35	890
PRO-3628-R-100 *	36 x 28	915 x 710	24	600	225	102	500	227	19.5	495	37	940	44	1120
PRO-1632-R-100	16 x 32	405 x 810	28	700	112	51	250	113	18.5	470	17	430	47.5	1205
PRO-1434-R-100	14 x 34	355 x 865	30	750	108	49	233	106	16	405	17	430	44	1120
PRO-1834-R-100	18 x 34	455 x 865	30	750	106	48	260	118	18.5	470	19	485	49.5	1255

PRO-2634-R-100 *	26 x 34	660 x 865	30	750	180	82	400	181	18	455	27	685	49.5	1255	
PRO-1636-R-100	16 x 36	405 x 915	32	800	125	57	280	127	18.5	470	17	430	51.5	1310	
PRO-1440-R-100	14 x 40	355 x 1015	36	900	130	59	270	122	17	430	17	430	49.5	1255	EST
PRO-1840-R-100	18 x 40	455 x 1015	36	900	135	61	300	136	18	455	19	485	55.5	1410	
PRO-2640-R-100 *	26 x 40	660 x 1015	36	900	225	102	495	224	19.5	495	27	685	56	1420	
PRO-4342-R-100 *	43 x 42	1090 x 1065	36	900	415	188	925	420	21.5	545	44	1120	58	1475	
PRO-1842-R-100	18 x 42	455 x 1065	38	950	170	77	326	148	19	485	19	485	58	1475	
PRO-1446-R-100	14 x 46	355 x 1170	42	1050	149	68	324	147	20	510	17	430	56	1420	
PRO-1646-R-100	16 x 46	405 x 1170	42	1050	150	68	345	156	20	510	17	430	61.5	1560	
PRO-1846-R-100	18 x 46	455 x 1170	42	1050	191	87	417	189	20	510	19	485	62	1575	
PRO-2646-R-100 *	26 x 46	660 x 1170	42	1050	295	134	652	296	22	560	27	685	62	1575	
PRO-1852-R-100	18 x 52	455 x 1320	48	1200	220	100	475	215	21	535	19	485	69	1755	
PRO-2652-R-100 *	26 x 52	660 x 1320	48	1200	310	141	675	306	22	560	27	685	68	1725	
PRO-1454-R-100	14 x 54	355 x 1370	48	1200	189	86	400	181	21	535	17	430	70	1780	
PRO-1854-R-100	18 x 54	455 x 1370	48	1200	220	100	490	222	22.5	570	19	485	70	1780	
PRO-1858-R-100 *	18 x 58	455 x 1475	54	1350	290	132	620	281	24	610	19	485	74	1880	
PRO-1464-R-100 *	14 x 64	355 x 1625	60	1500	240	109	525	238	21.5	545	19	485	67.5	1715	
PRO-1864-R-100 *	18 x 64	455 x 1625	60	1500	316	143	690	313	23	585	19	485	81	2055	
PRO-2664-R-100 *	26 x 64	660 x 1625	60	1500	390	177	850	385	22	560	27	685	68	1725	EST
PRO-1878-R-100 *	18 x 78	455 x 1980	72	1850	400	181	890	404	28.5	725	19	485	94	2390	

PRO - 100 PSI - Rhomboid Models (all platens built on a 22 degree bias with a "left hand" lead.)															
PRO-1924-22-100	19 x 24	480 x 610	20	500	98	44	212	96	16	405	19	485	45	1145	
PRO-1930-22-100	19 x 30	480 x 760	24	600	110	50	245	111	17	430	19	485	51	1295	
PRO-2230-22-100 *	22 x 30	560 x 760	24	600	120	54	265	120	17	430	22	560	52.5	1335	
PRO-2830-22-100 *	28 x 30	710 x 760	24	600	163	74	335	152	17	430	27	685	54	1370	
PRO-1937-22-100	19 x 37	480 x 940	32	800	147	67	322	146	18	455	19	485	58	1475	
PRO-2237-22-100 *	22 x 37	560 x 940	32	800	155	70	350	159	18.5	470	22	560	59.5	1510	
PRO-2837-22-100 *	28 x 37	710 x 940	32	800	208	94	454	206	18	455	27	685	62	1575	
PRO-1943-22-100	19 x 43	480 x 1090	36	900	156	71	343	156	19	485	19	485	64	1625	
PRO-2243-22-100 *	22 x 43	560 x 1090	36	900	192	87	420	190	18	455	22	560	65	1650	
PRO-2843-22-100 *	28 x 43	710 x 1090	36	900	223	101	495	224	20	510	27	685	70	1780	
PRO-3243-22-100 *	32 x 43	810 x 1090	36	900	260	118	590	268	20.5	520	31.5	800	69.5	1765	
PRO-1946-22-100	19 x 46	485 x 1170	39	1000	195	88	420	190	18	455	19	485	67.5	1715	
PRO-1950-22-100	19 x 50	480 x 1270	42	1050	217	98	475	215	19	485	19	485	72	1830	
PRO-2250-22-100 *	22 x 50	560 x 1270	42	1050	225	102	505	229	21	535	22	560	73	1855	
PRO-2850-22-100 *	28 x 50	710 x 1270	42	1050	285	129	625	283	22	560	27	685	74	1880	
PRO-1956-22-100	19 x 56	480 x 1420	48	1200	254	115	551	250	22	560	19	485	79	2005	
PRO-2256-22-100 *	22 x 56	560 x 1420	48	1200	295	134	625	283	23.5	595	22	560	79	2005	
PRO-2856-22-100 *	28 x 56	710 x 1420	48	1200	367	166	800	363	23	585	27	685	81	2055	
PRO-3756-22-100 *	37 x 56	940 x 1420	48	1200	480	218	1040	472	23	585	35.5	900	84	2135	
PRO-1662-22-100 *	16 x 62	405 x 1575	54	1350	290	132	530	240	22.5	570	16	405	83	2110	
PRO-1962-22-100 *	19 x 62	480 x 1575	54	1350	281	127	610	277	23	585	19	485	84	2135	
PRO-2862-22-100 *	28 x 62	710 x 1575	54	1350	416	189	922	418	25	635	27	685	87	2210	
PRO-1970-22-100 *	19 x 70	480 x 1780	60	1500	355	161	773	351	25	635	19	485	94	2390	
PRO-2870-22-100 *	28 x 70	710 x 1780	60	1500	507	230	1102	500	27	685	27	685	94	2390	

PRO-2875-22-100 *	28 x 75	710 x 1900	64	1650	550	249	1220	553	28	710	27	685	99.5	2525
PRO-1984-22-100 *	19 x 84	485 x 2135	72	1850	475	215	1025	465	28.5	725	19	485	106	2690
PRO-2284-22-100 *	22 x 84	560 x 2135	72	1850	545	247	1175	533	31.5	800	22	560	106.5	2705
PRO-2884-22-100 *	28 x 84	710 x 2135	72	1850	690	313	1510	685	29.5	750	25	635	108	2745
PRO-1990-22-100 *	19 x 90	485 x 2285	78	2000	540	245	1170	531	31	785	19	485	112	2845
PRO-1996-22-100 *	19 x 96	480 x 2440	84	2150	432	196	1564	709	32	815	19	485	117	2970
PRO-2296-22-100 *	22 x 96	560 x 2440	84	2150	495	224	1800	816	32	815	23	585	123	3125

Specifications are approximate and subject to change without notice.

Custom Heavy Duty Frame (for continuous shop or repeated use application) available upon request. Discuss with your local vulcanizer sales representative.
Side handles are not available on all models. Models with asterisk (*) include side handles. Add 6" to overall width.
Optional 1/8 inch (3 mm) aluminum plate available for side by side arrangement. Available on request.