



VULCANIZING PRESSES



RAB (RHOMBIC)

VULCANIZING FRAME PRESS

Customized and rugged, Almex two-piece frame presses offer simplified assembly, reducing crew set-up time. Rhombic (RAB) frame presses are well-suited for large, open sites. Use for on-site splice stations or where overhead cranes are available.

FEATURES:

- Open 2 or Open 4 side configuration
- Can accommodate all belt widths
- 22 degree bias
- 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
- Exceptional remote digital control
- Accurate temperature control and indication
- Can be aligned side-by-side for longer splice areas and easier handling
- Operating pressures of 7kg/cm² (100 psi) to 14kg/cm² (200 psi)
- Temperature Control Panels available with ground fault and ground continuity monitoring
- Lower platen restraint

OPTIONS:

- Open 2 or Open 4 side configuration
- Can accommodate all belt widths



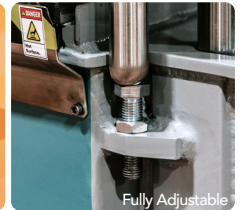
Heavy Duty Top Bolts



RAB On-Site



Lifting Hook



Fully Adjustable



AVAILABLE ACCESSORIES:

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



Control Accessories



RAB Vulcanizing Frame Press

PRODUCT SPECIFICATIONS:

PLATENS

- Each frame press is constructed with aluminum flexible platens that contour to the conveyor belt surface during splicing
- Platens are individually designed and include extruded plank, silicone heating elements-heating up to 163 °C / 325 °F, and durable composite insulating packaging
- Sturdy electrical connectors and moisture-proof latches enhance press durability and longevity

FRAME

- With rugged welded construction, the upper and lower frames of the press are ideal for both field applications in various mining environments and repetitive shop use
- The fitted rings and brackets allow this frame press to be positioned over splice areas with an overhead crane
- The top and bottom frames secure around the splice with our unique bolt/nut system
- A bolt retraction system, with the bars storing in the frame when not in use, is available as an option
- Lower platen restraint to hold the platen in place when removing the cured belt

CONTROL BOX

SUITABLE CONTROLS:

- T6 • SG1

GROUND FAULT:

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

PRESSURE, COOLING

SUITABLE PUMPS:

- HP25MAX • HPP20-4 • HPPC20-4 • HPPC100 • HPPC300 • HPPC-500

GROUND FAULT:

- HP25MAX-GF • HPP20-4-GF • HPPC20-4-GF
- Optional pressure pump and reservoirs are required for operating pressures above 7kg /cm² (100 psi). Pumps have optional cooling options

Maximum temperature 325° F (163° C)

MODEL	PLATEN SIZE		MAX BELT THICKNESS		WEIGHTS						PWR KW
	IN	MM	IN	MM	UPPER FRAME		LOWER FRAME		LOWER PLATEN		
					LBS	KG	LBS	KG	LBS	KG	

Maximum Operating Pressure 100 psi (7 kg/cm²)

RAB4-3656	36 x 56	915 x 1420	48	1200	660	299	617	280	283	128	14.1
RAB4-4256	42 x 56	1065 x 1420	48	1200	800	364	645	293	325	147	16.4
RAB4-5256	52 x 56	1320 x 1420	48	1200	1000	454	800	363	400	181	20.3
RAB4-4558	45 x 58	1145 x 1470	50	1300	895	407	715	325	360	164	18.2
RAB4-5662	56 x 62	1420 x 1575	54	1400	1400	635	985	447	415	188	24.3
RAB4-4564	45 x 64	1145 x 1755	60	1500	960	435	800	363	400	181	20.1
RAB4-3670	36 x 70	915 x 1780	60	1500	615	280	540	245	252	114	17.6
RAB4-3682	36 x 82	915 x 2082	72	1800	1000	454	665	302	400	181	20.6
RAB4-4682	46 x 82	1170 x 2080	72	1800	1420	644	1060	482	540	245	26.4

Maximum Operating Pressure 150 psi (10 kg/cm²)

RAB4-5270	52 x 70	1320 x 1780	60	1500	1675	761	1215	552	475	216	25.4
RAB4-8570	85 x 70	2160 x 1780	60	1500	2200	998	1750	794	700	320	41.6
RAB4-6082	60 x 82	1525 x 2080	72	1800	2500	1134	1900	864	725	330	34.4
RAB4-13486	134 x 86	3405 x 2185	72	1800	6600	3000	5600	2545	1400	636	80.6
RAB4-4298	42 x 98	1065 x 2490	84	2100	2400	1089	1900	862	500	227	28.8
RAB4-56112	56 x 112	1420 x 2845	96	2400	2650	1202	2100	953	760	346	43.9
RAB4-80112	80 x 112	2030 x 2845	96	2400	4700	2132	3800	1724	130	590	62.7

Maximum Operating Pressure 200 psi (14 kg/cm²)

RAB4-12073	120 x 73	3050 x 1855	60	1500	4920	2236	4060	1845	1445	657	61.3
RAB4-134102	134 x 102	3405 x 2590	84	2100	10000	4545	9600	4363	1800	818	95.6

Specifications are approximate and subject to change without notice. Other Rhomboid and Rectangular configurations are available.