



RAB and AB

CUSTOM FRAME VULCANIZING PRESSES



Customized and rugged, these two-piece frame presses offer simplified assembly, reducing set-up time. Frame presses are well-suited for large, open sites. Use RAB and AB for on-site splice stations or where overhead cranes are available. Built with unmatched Almex technology, RAB and AB frame presses are constructed with the following proven components:

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
- Exceptional remote digital control
- Interfaces with ALMEXPAD Junior and Senior tablets
- Accurate temperature control and indication
- Can be aligned side-by-side for longer splice areas and easier handling
- Operating pressures of 7 kg/cm² (100 psi) to 14 kg/cm² (200 psi)

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 (up to 163°C / 325°F), and durable composite insulating packaging. Sturdy electrical connectors and moisture-proof latch enhance press durability.
- **WELDED FRAMES** With rugged, welded construction, upper and lower frames of press are ideal for both field applications in severe mining environments and repetitive shop use. Fitted rings and brackets allow frame press to be positioned over splice areas by an overhead crane. Top and bottom frames connected by secure bolt/nut system. Optional bolt retraction system available.
- **CONTROLS** The new Almex 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 14 kg/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 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.