

Almex Group offers a complete line of vulcanizing products designed to maximize your productivity and profit margin.

The Almex Finger Punch comes in 6 different models from 32" (813 mm) to 88" (2235 mm). It's portable and customizable, and can be used for any width belt. It's horizontal fixation allows for a perfect assembly of the ends.

Fusion Systems Cold Bond Cement utilizes a special solvent base, the surface preparation is eliminated. Our PVC is the finest PVC cement on the market today.

The Almex Choice™ VersaTool does it all. Provide your clients with custom-tailored belts for their specific operation. This automated tool slits the belt longitudinally and grinds the belt in preparation for adhering the V-guides.

Check out our TechTools Brochure, which gives you details on our wide selection of belting tool products.



Finger Punch Press

VersaTool

Fusion Systems Cold Bond Cement

SHAW ALMEX INDUSTRIES

In 1962, the patented Almex pressure bag principle revolutionized press design worldwide and positioned Shaw Almex as an industry leader. Today, Almex presses provide the uniform temperature and pressure required to cure, laminate, vulcanize or mold products for a wide array of industries. Over a dozen corporate facilities and a network of exclusive distributors are strategically located on six continents to provide a comprehensive sales and service support system to clients in over 120 countries. Shaw Almex demonstrates

a social commitment to this global community by contributing to local charitable causes and adhering to stringent environmental standards. The Shaw Almex tradition of quality lives on today through the Almex Group of companies, the unique Almex presses, complementary Fusion products, and a profound commitment to excellence, integrity, and social responsibility in all aspects of business endeavors around the world.

VULCANIZE | SPLICE | REPAIR | MANUFACTURE | CONSULT | BOND | GRIP | EDUCATE

Shaw Almex Industries, P.O. Box 430, P2A 2X4, Canada. Tel: 705.746.5884 Toll Free: 800.461.4351



**LIGHTWEIGHT
PORTABLE
PRESSES**

AIR SERIES

VORTEX AND VELOCITY PORTABLE PRESSES

Almex's air-cooled presses represent the pinnacle in quality portable belt presses. The Vortex is a fully integrated press assembly designed to splice PVC and PU lightweight belting in a continuous cycle. Just set the temperature, time and pressure and press the start button. The Velocity is the most advanced press in the market, the most innovative in Almex's Lightweight Press Division. Velocity works in conjunction with the ALMEXPAD Control Tablet.

VELOCITY FEATURES:

- Air-Cooled Platens
- Internal air compressor
- Works with ALMEXPAD technology
- 10-minute cycle times
- Supplied with ALMEXPAD Junior Tablet
- Ultra lightweight construction
- Belt clamps included
- 110 volt/220 volt operation
- For PVC, PU and European-style belting
- Max. belt width of 24" to 60" (1500 mm)

VORTEX FEATURES:

- Lightweight aluminum construction
- Available in 110 and 220 voltage, single phase, some models 3 phase
- Low profile 8" (200 mm) height
- Temperature 392°F (200°C)
- All-in-one
- For PVC, PU and European-style belting
- Transportation case provided
- Max. belt width of 18" to 60" (1500 mm)



42" wide version shown

VORTEX
INTEGRATED
CONTROLS

ALMEXPAD JUNIOR TABLET CONTROLLER

Used in conjunction with the Velocity Portable Press. It will record and transmit splice data. You will be able to view the splice data in real operating time. Operating on a wired connection, the Junior tablet provides a series of reliable systems for improving splice accuracy, reducing splice time and minimizing the potential of human error. An ergonomically designed enclosure makes it user friendly on the jobsite. ALMEXPAD™ Junior utilizes the ANDROID operating system, one of the most efficient application-rich platforms today.



Note: The above data 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.

WATER SERIES

LIGHTWEIGHT BELT PRESSES

The preferred presses for splicing P.V.C, Polyurethane, and Polyester Monofilament synthetic belting. Assembled with quality Almex components, our presses includes the following advanced technology:

- Signature Almex "Pressure Bag" uniform pressure system
- Custom "Extruded Plank" cooling system within platens
- Innovative "Silicone Element" fast heating system
- Sturdy, two-piece aluminum frame (easy to maneuver)
- Choice of a proven "T-Series" Temperature Control Panel
- Reliable Almex air pressure pump (optional)
- Custom sizes made to order



MPX 30 PSI FIELD PRESS

- MPX is the fast and reliable press for synthetic belt splicing. Offers maximum splice pressure of either 20 psi (1.5kg/cm²) or 30 psi (2.2kg/cm²) for PVC, PU and European-style belting. T-Series control systems approved by CE and ETL and conform to UL and CSA standards.
- Each MPX is built-to-order. Standard platen width is 6" (150mm). MPX 1.5 platens can be 14" to 64" (355mm to 1625mm) in length. MPX 2.2 can be 14" to 52" (355mm to 1320mm) in length. Weight of equipment spans from 32 lbs to 195 lbs (15kg to 88kg).
- Low wattage MPX available by request for special site requirements. Mounting equipment (stands, power platen lifts) can be custom engineered for shop applications.



MVP 40 PSI FIELD PRESS

- MVP is the efficient and reliable lightweight press for synthetic belting that offers maximum splice pressure of 40 psi (2.8kg/cm²) for PVC, PU and European-style belting. All electronics approved by CE and ETL and conform to UL and CSA standards.
- Each MVP is built-to-order. Two normal platen widths. 5" (125mm) platen offered in lengths of 14" to 86" (355mm to 2185mm). 8" (200mm) platen available in lengths of 14" to 124" (355mm to 810mm). Weight of press varies from 34 to 847 lbs (15 to 385 kg).
- Optional cantilever stand (for creating production setup) and pneumatic upper platen lift available by request.
- Downstroking platens for protection of the splice area.



VULCAWELD 75 PSI FIELD PRESS

- Vulcaweld is specially engineered for lightweight rubber belt splicing, with a pressure capacity of 75 psi (5 kg/cm²) for light-duty rubber belt. All T-Series control systems approved by CE and ETL and conform to UL and CSA standards.
- Each Vulcaweld is built-to-order. Standard platen width of Vulcaweld is 8" (200mm). Press length ranges from 14" to 124" (355mm to 3150mm). Smaller models weigh 55 lbs (25 kg); larger versions increase to 1,036 lbs (470 kg).
- Optional cantilever stand (for shop use) and pneumatic upper platen lift available by request.

TRANSMISSION

Almex Choice™ Transmission Belt Presses are designed for splicing PVC, polyurethane lightweight rubber and transmission belts. They are portable and provide an excellent finish.

TB 3-4

- Lower platen heating 3" x 4" (75 x 102 mm)
- Teflon coated platens
- Temperature preset to 220°F (105°C) with adjustment up to 325°F (160°C)
- 110 volts single phase or 220 volt
- Mechanical pressure
- Complete with belt clamp
- Maximum belt width 4" (100 mm)
- Maximum belt thickness 1/4" (6 mm)
- Weight 4.5 lbs. (2 kgs)



TB 4-8

- Upper and lower platen heating 4" x 8" (102 x 204 mm)
- Temperature preset to 220°F (105°C) with adjustment up to 325°F (160°C)
- 110 volts single phase or 220 volt
- Mechanical pressure
- Complete with belt clamp
- Maximum belt width 6" (152 mm)
- Maximum belt thickness 1/4" (6 mm)
- Optional water cooling connections
- Weight 13 lbs. (6 kgs)



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WATER SERIES

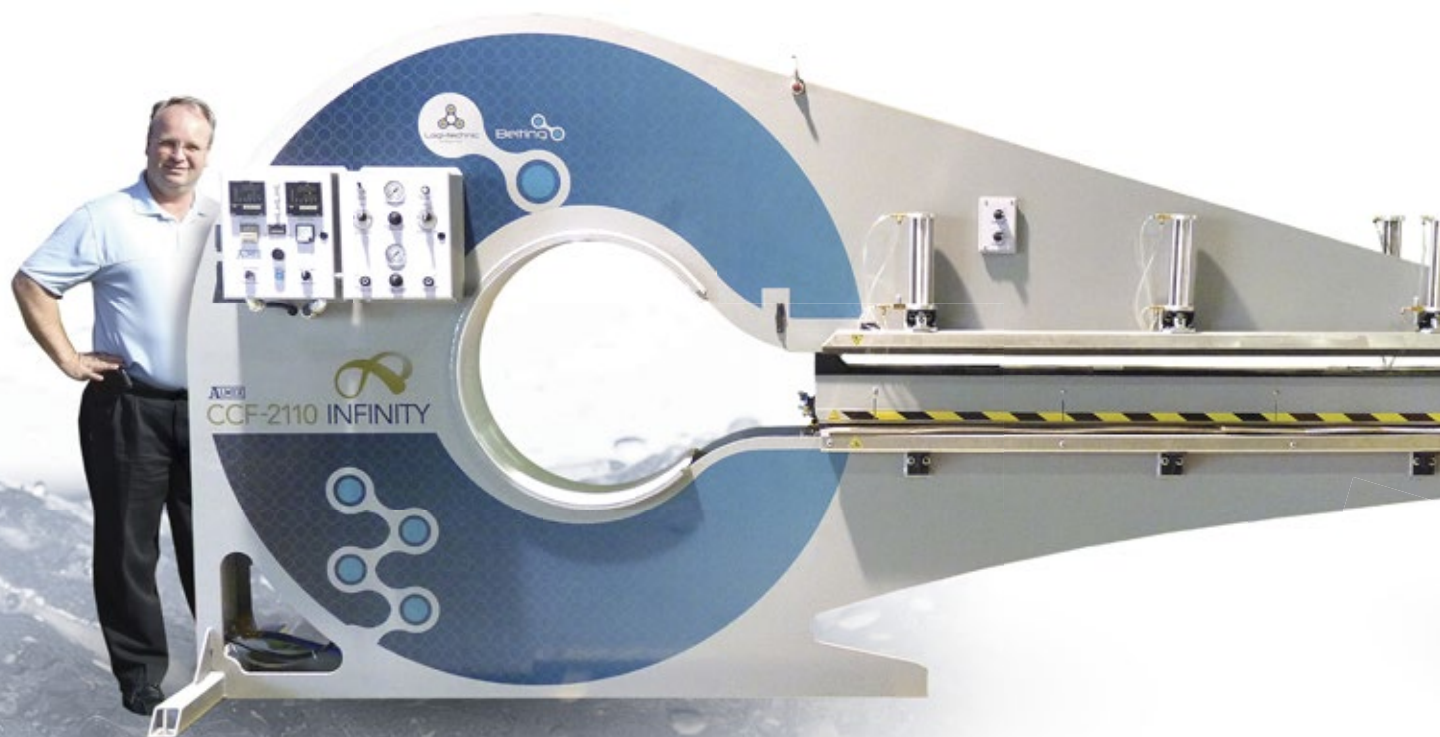
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- Choice of a proven "T-Series" Temperature Control Panel
- Reliable Almex air pressure pump (optional)

INFINITY PRODUCTION PRESS

- Water-cooled
- 2,000mm splice, custom sizes available
- Infinite length longitudinal splice
- Clamp feature without interference
- Two-station clamp control
- 45 psi pressure
- Pneumatic Belt clamp with separate operating function
- Available in various voltages



CANTILEVER VULCAWELD PRODUCTION PRESS

- Hinging upper aluminum frame
- Lower steel frame forms an integral support arm of cantilever stand
- machined platens and frame
- Remote electronic control system (T2TC or T2T3) with programmable controllers, timer and audio alarm, water cooling and air purge system for automatic operation
- Stainless steel plates included
- Air control panel for hinging, locking and pressurization
- Available in most voltages
- Temperature variable up to 325°F (163°C)
- Optional higher temperatures available up to 392°F (200°C)
- Downstroking air bag - optional



If your requirements demand high quality, custom equipment, we can find a solution together. Almex has over 40 years of experience in producing custom and special application lightweight belting presses. Production equipment is engineered to be versatile and to handle the demands of continuous operation along with stringent safety standards. We work with our clients to develop solutions to achieve the excellent product results required in the lightweight belting industry.

CONTROL BOXES

Shaw Almex Lightweight Series Presses can be designed for operation with either the T1, T2, or T3 Control Panel. Almex control panels are assembled to accommodate a variety of voltage requirements and can be enhanced with special components such as timer or cooling box.

T1R



T2



T3



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