

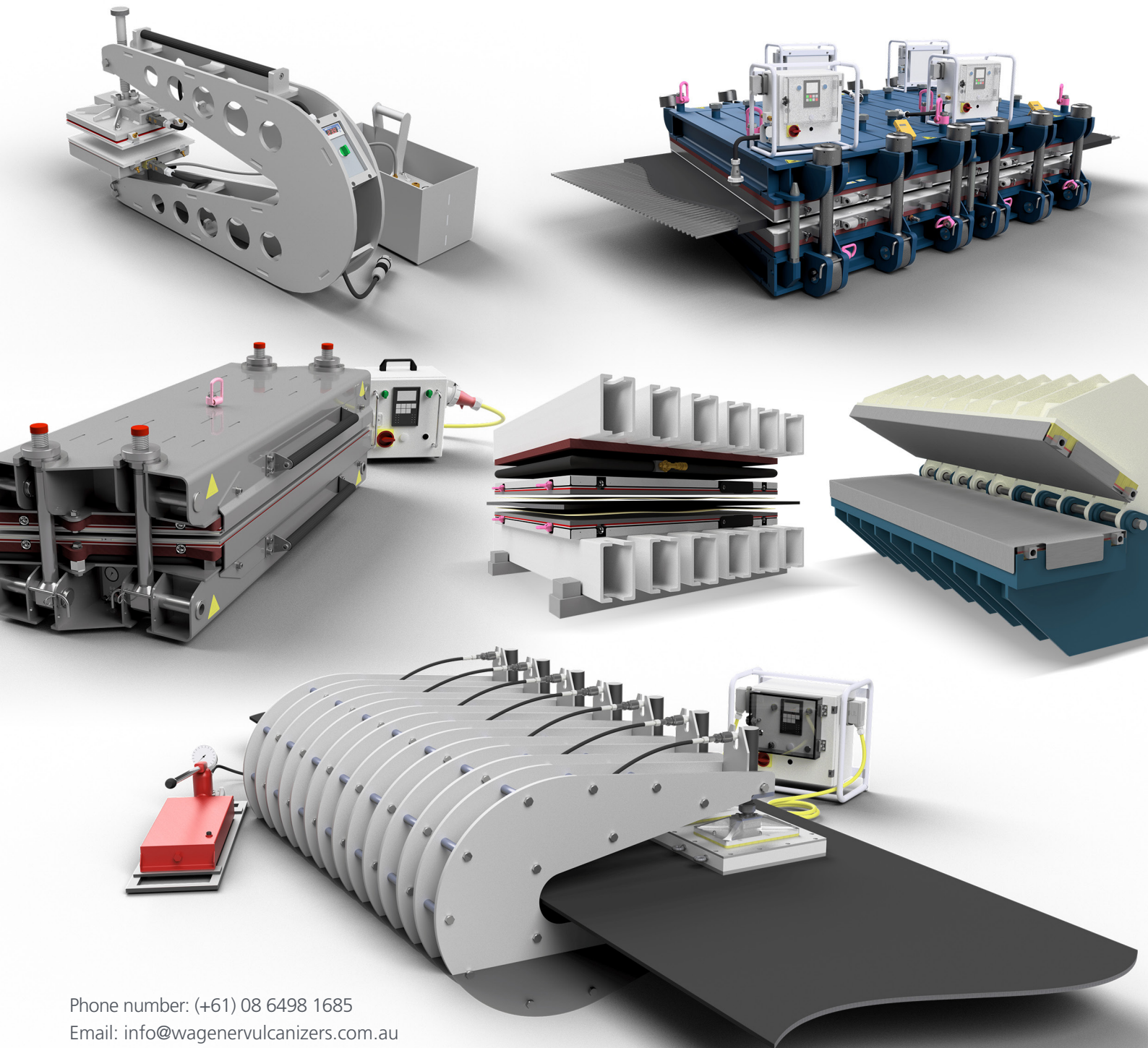
WAGENER

VULCANIZERS

A U S T R A L I A

WAGENER Vulcanizing Press Technology

Quality Vulcanizing Solutions for Conveyor Belts



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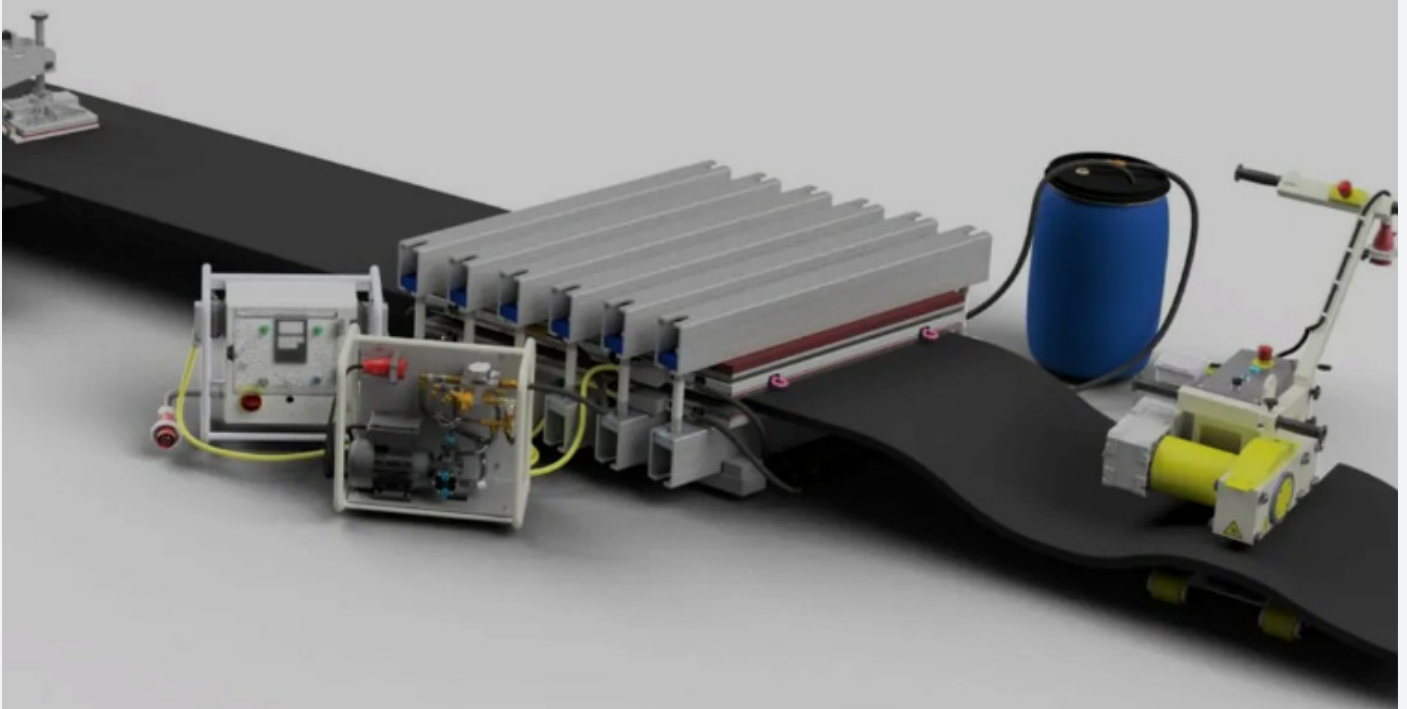
www.wagenervulcanizers.com.au/vulcanizing-presses

Company Overview

WAGENER Vulcanizers are renowned for their expertise in the design, development, and manufacturing of vulcanizing presses and cutting equipment tailored for conveyor belts. Established in 1897, WAGENER Vulcanizers has become a global leader in delivering high-quality, innovative solutions for the mining and heavy industry sectors. Our company consistently emphasises quality and innovation, offering state-of-the-art 'Made in Germany' vulcanizing presses that play a critical role in ensuring the integrity and performance of conveyor systems. WAGENER Vulcanizers Australia is dedicated to upholding the highest standards of durability and efficiency in every product, making it a trusted partner in the industry.

Mission Statement

At WAGENER Vulcanizers Australia, our mission is to provide high-quality press equipment, conveyor belt cutting solutions, and conveyor products together with fast and dedicated technical support so that customers can maximise their conveyor belt productivity in a safe working environment.



Product Range Overview

EMU Sectional Vulcanizing Press

The EMU Sectional Vulcanizing Press stands out for its sandwich construction heating system, featuring a silicone heating element. This design ensures uniform heat distribution across the entire surface, making it ideal for vulcanizing conveyor belts and related tasks.

The press incorporates a pressure bag system, which allows for consistent and even pressure application, ensuring reliable and securing splicing and repairs.

Key Features:

Lightweight Design: The press's light construction enables easy handling and flexible use across various settings, from industrial to on-site repairs.

Flexible Use: The EMU press accommodates both air and water cooling systems, allowing for customisation to meet different belt types and job requirements.

Rapid Heating/Cooling: The integrated heating system offers quick heat-up times, water cooling channels allow for efficient cooldown, ensuring timely and effective vulcanizing and repair processes.

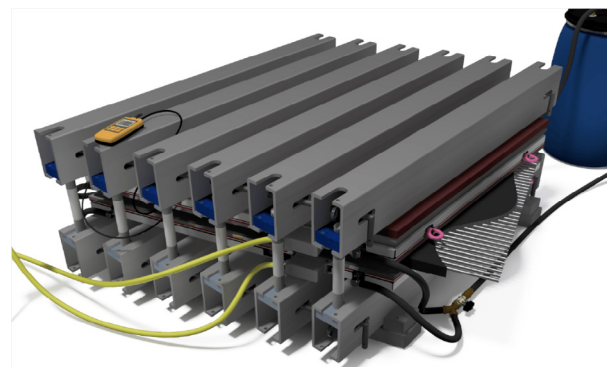
Technical Specifications:

Dimensions: Vary depending on configuration and belt width.

Weight: Lightweight design, suitable for flexible use.

Pressure Range: 70 – 140 N/cm²
(100–200 psi)

Compatibility: Suitable for various belt types, including fabric and steel cord belts.



VULCOFRAME Two-Piece Press

The VULCOFRAME is a heavy duty two-piece vulcanizing press designed for quick assembly and disassembly, allowing reduced downtimes because of the two-piece design.

Key Features:

Efficient Design: The two-piece configuration not only simplifies assembly and disassembly but also significantly reduces downtime, enhances productivity.

Advanced Safety Features: Equipped with sturdy, optionally removable traction bolts with safety features such quick-release pins and rotation dampers, enhancing operational safety and reducing workplace hazards.

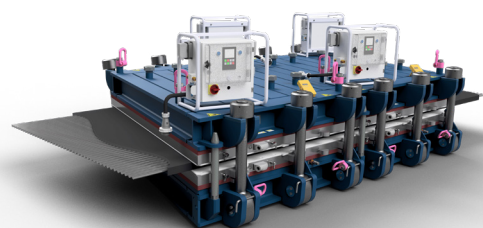
Integrated Systems: Features an integrated water-cooling system and durable glass fibre reinforced insulation, ensuring quick cooldown and stable operation temperatures for efficient and consistent splicing.

Technical Specifications:

Pressure Capacity: Supports a maximum pressure of 200 Psi, suitable for a wide range of heavy-duty splicing tasks.

Belt Width Compatibility: Designed to accommodate conveyor belts ranging from 1600mm to 2800mm, making it versatile for various industrial applications.

Customisable Control Boxes: Can be specifically designed and manufactured to meet stringent standards (AS4871/3007/3000 and 2081), ensuring compliance and safety for use in mining and quarry environments, both on the surface and underground.



VULCOLITE Two-Piece Press

The VULCOLITE Two-Piece Press is designed with an aluminium frame construction, making it lightweight and portable. The press features a silicone heating element for uniform heat distribution, facilitating splicing and repairs.

Key Features:

Electronic Temperature Control: Ensures accurate temperature regulation, providing precise vulcanizing results.

Quick Assembly and Disassembly: Allows for convenient handling and setup, ideal for field work.

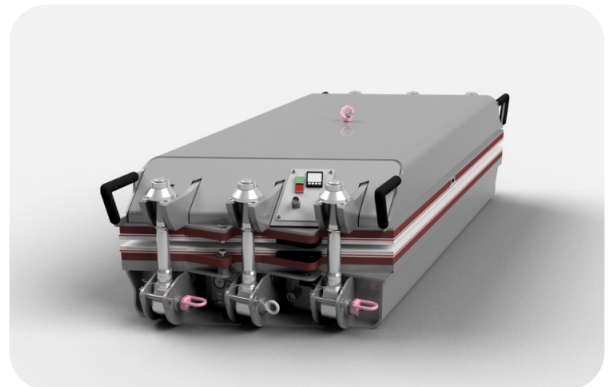
Adjustable Temperature: Up to 175°C, catering to various vulcanizing needs and belt materials.

Technical Specifications:

Heating Length, Width, and Capacity

Options: Heating length ranges from 350 mm to 810 mm (14" to 32"), depending on model. Capacity varies, offering up to 12 kW total for larger models.

Compatibility: Suitable for various conveyor belt sizes, with configurations for belt widths from 650 mm to 1600 mm (26" to 63").



EMU C-Clamp Spot Repair Press

The EMU C-Clamp Spot Repair Press is designed for lightweight construction, making it ideal for spot repairs on rubber conveyor belts.

Key Features:

Easy Assembly: The press's components can be assembled without tools, making it convenient and efficient for on-site repairs.

Uniform Pressure Distribution: Achieved through a pressure bag system, ensuring consistent and secure repairs.

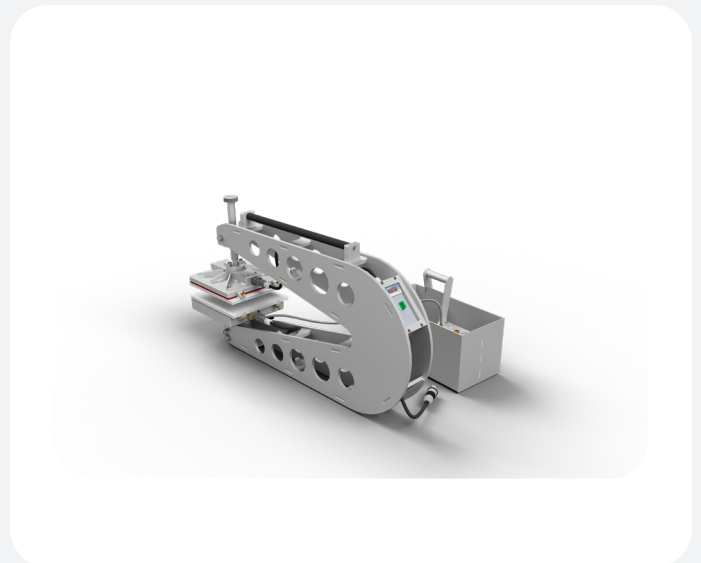
Adjustable Temperature: Up to 175°C, allowing for precise repair results on various belt types.

Technical Specifications:

Heating Area: 300 x 300 mm (12" x 12").

Temperature Range: Adjustable up to 175°C.

Overhang Sizes: Available in 800, 1000, and 1200 mm options.



Hydraulic or Mechanical C-Clamp Repair Press

The C-Clamp Repair Press is built with a high-alloy aluminium design, offering robust yet lightweight construction.

Key Features:

Bending Resistance: The press's design ensures high resistance to bending, while maintaining minimal weight.

Available Overhangs: Offered in various overhangs (200, 400, 600, 800, 1000, and 1200 mm), providing flexibility for edge and longitudinal repairs.

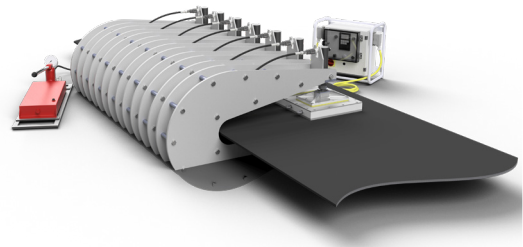
Customisable Designs: Can be tailored to meet specific repair needs, including options for hydraulic or mechanical pressure systems.

Technical Specifications:

Pressure Options: Offered with 3 t or 6 t pressure systems.

Available Sizes: Overhangs ranging from 200 mm to 1200 mm, customizable configurations.

Specific Applications: Suitable for edge and longitudinal repairs, with options for specific belt types.



EDGEFRAME Edge Repair Press

The EDGEFRAME Repair Press, featuring a one-piece high-alloy aluminium construction, is specifically engineered for efficient and precise edge repairs on conveyor belts.

Key Features:

Optimised Design for Edge Repairs: The one-piece press is specifically designed for edge repairs, built with a welded high-alloy aluminium frame that combines strength with lightness.

Integrated EMU Heating System: Features an EMU heating platen with precise electronic temperature control and water cooling, improving both the efficiency and quality of repairs.

Ease of Operation: The press has a swivelling upper part supported by a gas pressure spring, making it easy to adjust and reducing setup effort.

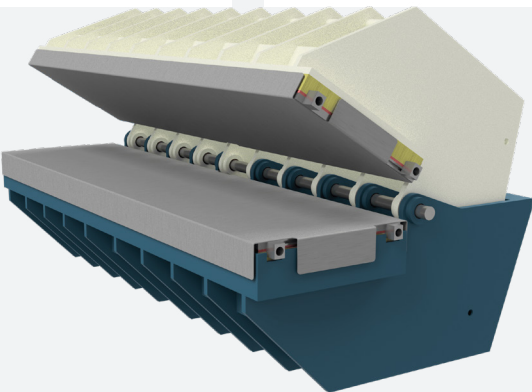
Technical Specifications:

Compact Construction: The press's compact, lightweight aluminium design makes it perfect for fast repairs in tight spaces.

Surface Pressure and Temperature Control: Delivers consistent surface pressure of 70 N/cm² (100psi) and can reach up to 175°C (347°F), guaranteeing top-quality repairs.

Variability in Heating Dimensions and Power:

Type A Specifications	Type B Specifications
Heating Length: 750mm (29 ½")	Heating Length: 1200mm (48")
Heating width: 300mm (12" x 12")	Heating Width: 300mm (12" x 12")
Nominal Power: Approx. 3 kW (2 x 1.5 kW)	Nominal Power: Approx. 4.7 kW (2 x 2.35 kW)
Weight: 145 kg (320 lbs)	Weight: 240kg (529 lbs)



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For further inquiries about our products, or to explore our range of vulcanizing presses and accessories, visit our website or contact us directly. Our team is ready to assist you in finding the perfect solution for your vulcanizing needs.



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