

VULCANIZERS



Since 1971 Melco Steel, Inc. has been a leader in the engineering, design and fabrication of autoclave systems. Melco Steel autoclaves, pressure vessels and other related products are designed and manufactured in strict accordance with the ASME Boiler and Pressure Vessel Code, Section VIII, Division 1. The breech lock *Harris* Quick Opening Door is custom designed and fabricated for use on Melco's own autoclaves and pressure vessels and for use by other pressure vessel manufacturers.

Melco Steel, Inc. is proud of its ability to design and fabricate complete vulcanizer systems that conform to the exact requirements of the end user. Each system is unique, with special attention paid in the preliminary design stages to assure complete satisfaction of operation and maintainability. While each system is custom built, we draw upon many years of experience and have been able to refine our standard design concepts to consistently provide a reliable and precision piece of equipment.

Operational safety is a prime consideration in the design of the autoclave. Typical safeties include "Operator-Inside" alarm, over-pressure protection, over-temperature protection and door safety interlocks.



Direct steam injected vulcanizers are most common in the industry and are widely used in most vulcanizing applications. Our experience with aerospace autoclaves allows us to provide you with advanced "dry vulcanizers". The use of electric heat allows for heat and pressure combinations that are not available with traditional steam heated systems for processing of advanced materials.

- Complete System Design and Installation
- Large, High Production Units to Lab Size
- Direct Steam Injection
- Electric Dry Heat
- Many Standard Designs Available
- Custom Designs to Suit Your Needs
- Automated or Economical Manual Controls
- Made in USA Since 1971
- Reliable and Efficient Operation



MELCO STEEL, Inc.

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