

High-pressure type cooperation for folding containers in chemical plants

Our HPP containers are specially engineered to withstand the extreme rigors of high-pressure food processing. Each container is durable, lightweight, and tightly sealed to avoid blowouts. HPP ...

In this article, we explore the common types of pressure vessels used in chemical processing and how quality fabrication impacts safety and performance.

High pressure processing (HPP) is the most widespread nonthermal food pasteurization technology. The stability during HPP treatments of chemical compounds with health-enhancing ...

s ultrahigh-pressure pumps for industrial use. The reliable high-pressure pumps work steplessly up to 6,000 bar cutting almost any kind of material without thermal effects and are imple-mented in all ...

MCC shelters are widely used in oil and gas drilling platforms, chemical plants, mining operations, power plants, and offshore wind farms. The positive pressure environment prevents the ...

Being a generalist and developer of complete plants Uhde High Pressure Technologies combines the eye for the bigger picture with the know-how for each detail being used in CO plants: with a unique ...

High-pressure processing (HPP) enhances food safety and extends the shelf life of foods by subjecting products to pressure levels around 300-600 MPa during 1-6 min for most commercial applications.

By analyzing recent advancements and methodological approaches in high-pressure research, we provide insights into the mechanisms driving structural and property changes in these ...

High Pressure Equipment Company designs and manufactures a broad range of pressure vessels and reactors for both bench-scale and pilot plant applications. We have over 250 standard reactor ...

During HPP processing, packaging materials (polymers and copolymers) can adapt to a 15% volume drop and then reshape without affecting sealing properties. In this chapter, the working ...

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