



World's most reliable HPP systems

High Pressure Processing extends shelf life up to 30x while preserving natural quality, freshness, and taste. This ensures consistently high product quality, avoids unnecessary product alterations and enables premium product positioning.

Uhde High Pressure Technologies GmbH delivers reliable HPP systems for demanding industrial environments, backed by a global service network that minimizes downtime and supports scalable growth.

engineering.tomorrow.together.



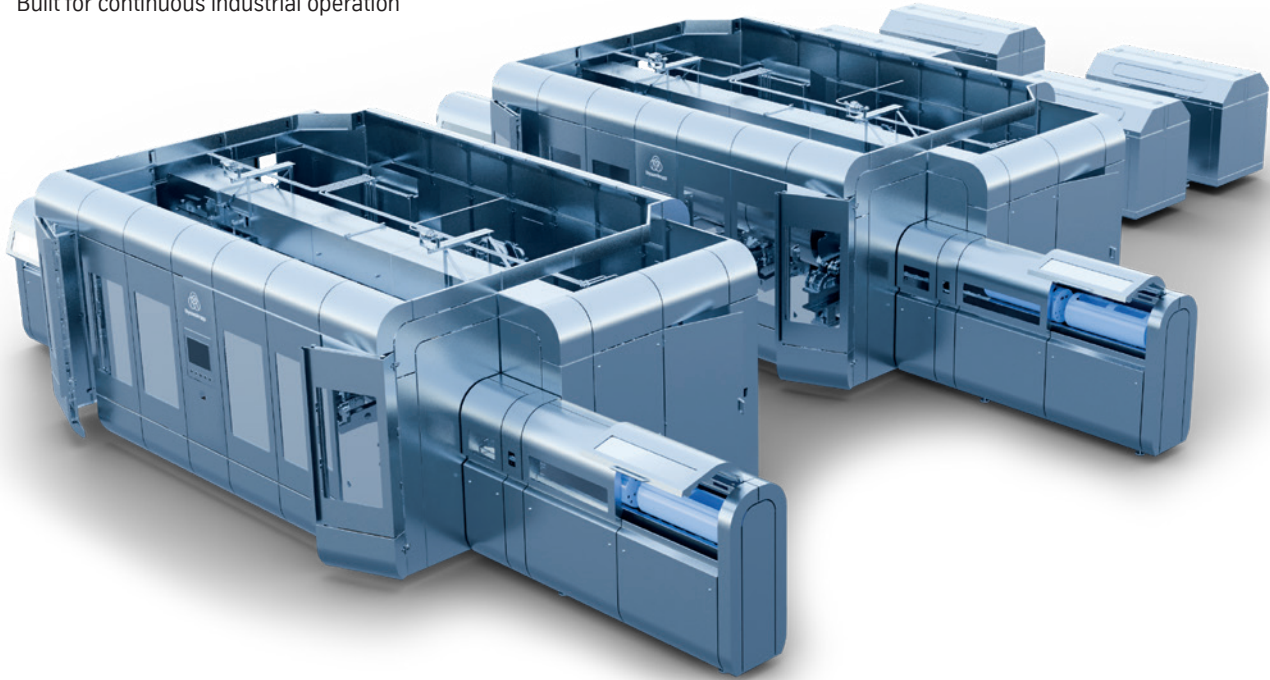
thyssenkrupp

UHDE TWIN 800

Maximum output. Proven reliability.

System for highest demands

- > Maximum throughput with uninterrupted production
- > Increase capacity with confidence
- > Built for continuous industrial operation



Max. output:
4,910 kg/hour
10,830 pounds/hour



Vessel TWIN 800
Diameter: 380 mm | 15.0 inches
Capacity: 800 L



Height: 3.5 m | 11.5 ft
Length: 12.5 m | 41.0 ft
Width: 10.1 m | 33.1 ft

Technical data

	Number of intensifiers	Electrical power (kW)	Cycle time (min)	Cycles per hour	Output per hour (kg/hour pounds/hour)
Product name					
UHDE 60	1	66	6.1	9.8	354 780
UHDE 400	4	381	7.4	6.8	2,100 4,620
	6	471	6.2	9.7	2,320 5,120
UHDE TWIN 800	6	512	6.2	9.7	4,640 10,240
	8	602	5.8	10.3	4,910 10,830

*Production output varies $\pm 20\%$ depending on vessel filling efficiency. Output calculations are based on vacuum packaged products. HPP cycle times include product loading, mechanical machine movements, pressure build up to 6,000 bar | 87,000 psi, holding time of 3 minutes, pressure release and product unloading. Electrical power supply 60 Hz.

UHDE 400

Scalable system. Smart growth.

Maximum performance with minimal risk

- > Scale production with our optimized design
- > Expand capacity with minimal investment risk
- > Configured to match your production requirements



Max. output:
2,320 kg/hour
5,120 pounds/hour



Vessel 400
Diameter: 380 mm | 15.0 inches
Capacity: 400 L



Height: 3.5 m | 11.5 ft
Length: 12.5 m | 41.0 ft
Width: 4.3 m | 14.1 ft

UHDE 60

Small unit. Big potential.

Fits your space and ambition

- > Validate new products before industrial investment
- > Ideal for pilot production and market testing
- > Low operating and maintenance costs



Max. output:
354 kg/hour
780 pounds/hour



Vessel 60
Diameter: 200 mm | 7.9 inches
Capacity: 60 L



Height: 2.2 m | 7.2 ft
Length: 6.8 m | 22.3 ft
Width: 3.7 m | 12.1 ft



Why Uhde HPP systems

- HPP expertise up to 14,000 bar | 203,000 psi
- 360° service – from concept to realization
- Global service network
- Redundant safety systems
- Hygienic design
- User-friendly operation via HMI
- VPN access & 24/7 support
- Digital tools for daily maintenance
- HPP product & application support

Scan for contact:



hpp@thyssenkrupp.com

Decarbon Technologies

Uhde High Pressure Technologies GmbH
Buschmuehlenstr. 20
58093 Hagen, Germany

www.uhde-hpt.com