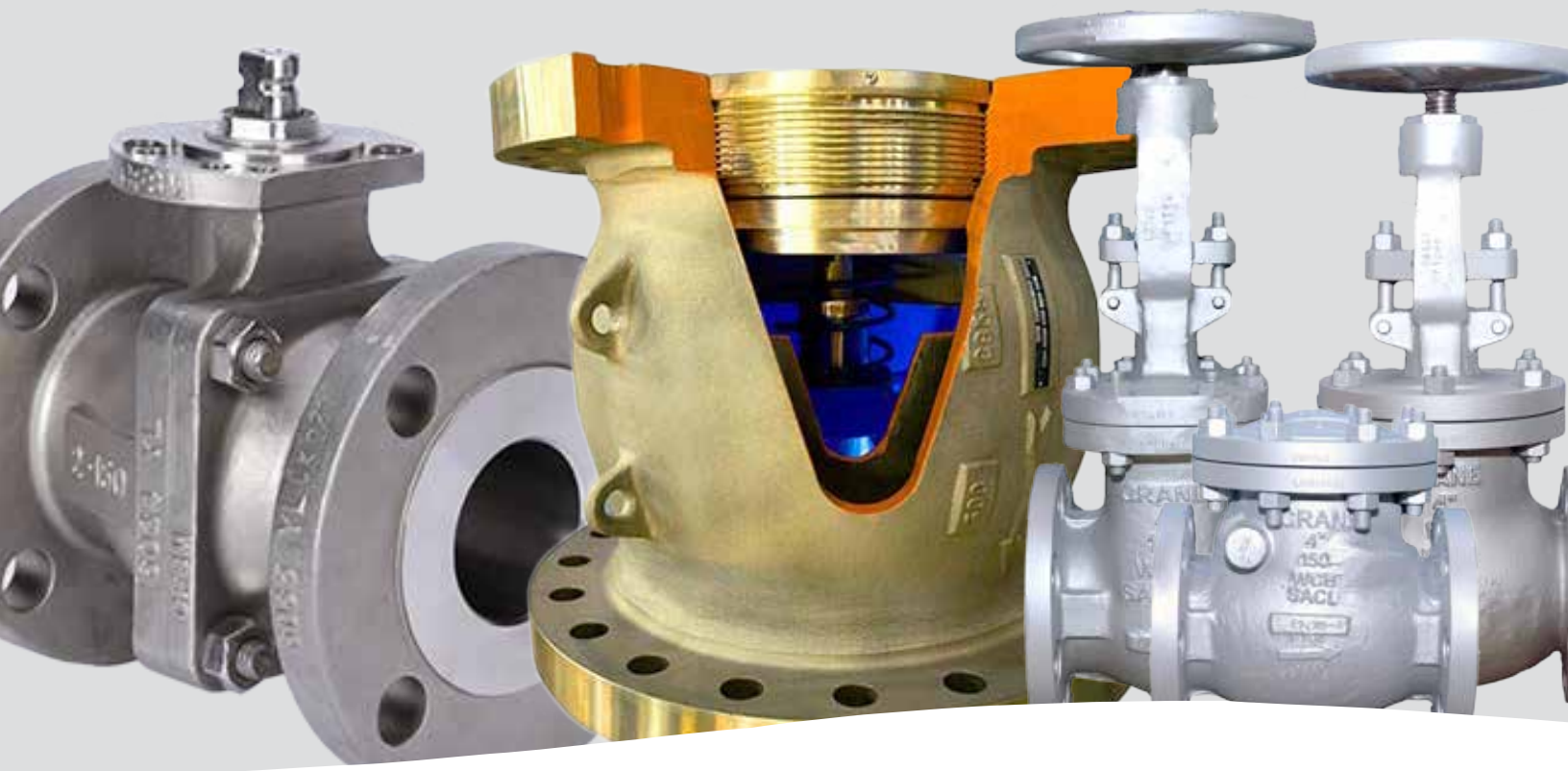




brands you trust.



Valve World Americas Expo Press Kit

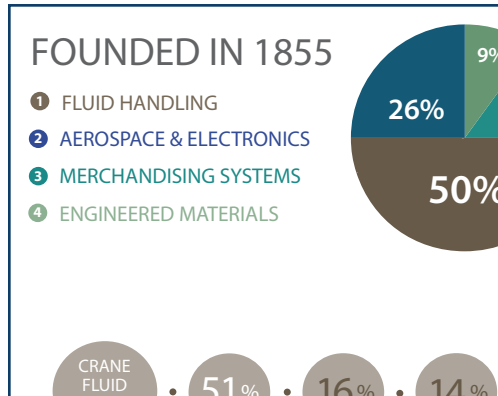


www.cranecpe.com

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160 YEARS OF CRANE VALUES

Commemorating a heritage of leadership and innovation, Crane ChemPharma & Energy is proud to celebrate the 160-year anniversary of Crane Co.

Since its foundation in 1855, Crane has been a symbol of manufacturing excellence, expanding alongside the global industrial revolution and shaping the growth of industry worldwide. Crane ChemPharma & Energy, the consolidation of former businesses Crane ChemPharma Flow Solutions and Crane Energy Flow Solutions, is proud to be a part of the company's illustrious history, delivering solutions to the fluid handling challenges faced by the industry's most demanding applications.

"From the industrial revolution to the modern age, Crane has anticipated the challenges of the market and developed progressive solutions to address them," said Aneta Stephens, Director of Marketing Communications for Crane ChemPharma & Energy. "Observing our 160-year anniversary is a celebration of Crane's culture of innovation and our steadfast commitment to our customers."

More than a century of invention has enabled Crane to expand domestically, internationally and beyond, providing solutions to markets as distant as the moon with pumps used in the Gemini and Apollo Space programs. Building upon a 160-year tradition of excellence, Crane's evolution will endure as the company continues to shape the future of industrial manufacturing.

"I am resolved to conduct my business in the strictest honesty and fairness; to avoid all deception and trickery; to deal fairly with both customers and competitors; to be liberal and just toward employees and to put my whole mind upon the business."

R.T. Crane, July 4, 1855

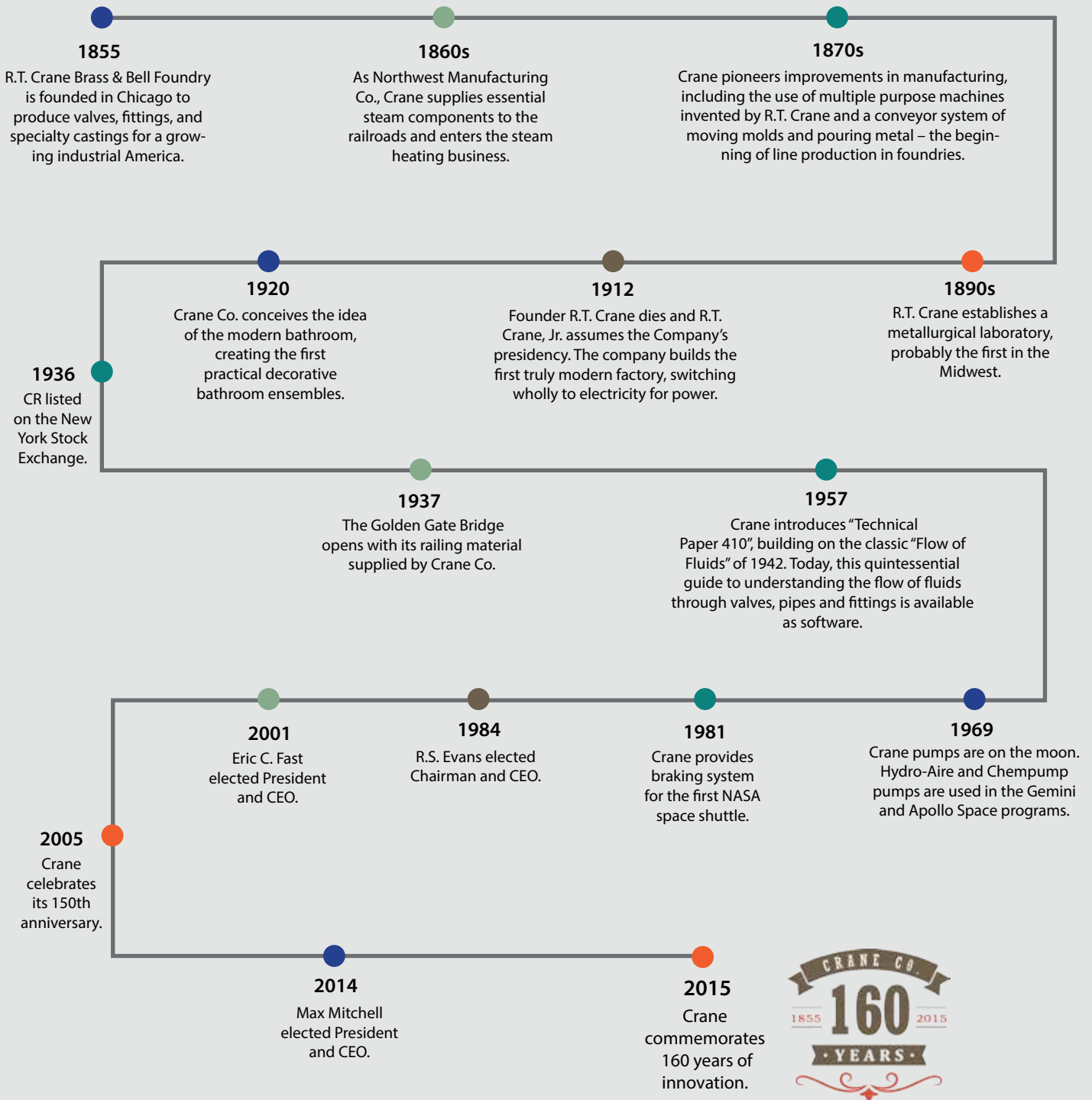
CELEBRATE!

Join us to commemorate our 160-year tradition of growth as we reflect upon the evolution of valve technology. The celebration kicks off on July 15th at 1:60 pm in the speaker's corner, where a video from 1925 will transport the audience to the early stages of valve manufacturing.

Afterwards, head to Crane's booth #327 for a presentation on the history of valves, followed by a champagne toast, cake and photo opportunity. The first 160 visitors to the booth will receive a limited edition commemorative gift.



HISTORY IN THE MAKING



Our Values

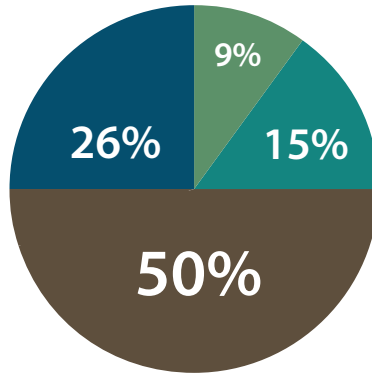
STRENGTH THROUGH INTEGRITY · PERFORMANCE CULTURE BASED ON TRUST AND RESPECT
 MAKE IT UGLY · GOOD PEOPLE MAKE GOOD THINGS HAPPEN
 CONTINUOUS IMPROVEMENT · PASSION FOR LEARNING · CRANE HELPING CRANE
 FOCUS ON THE CUSTOMER · FASTER, BETTER, EASIER

ABOUT

Crane Co.

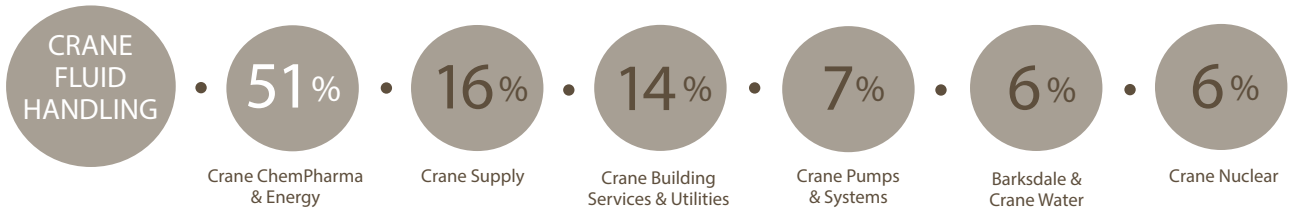
FOUNDED IN 1855

- 1 FLUID HANDLING
- 2 AEROSPACE & ELECTRONICS
- 3 MERCHANDISING SYSTEMS
- 4 ENGINEERED MATERIALS



- Fluid Handling \$1289 Million
- Aerospace & Electronics \$694 Million
- Merchandising Systems \$381 Million
- Engineered Materials \$232 Million

Fluid Handling

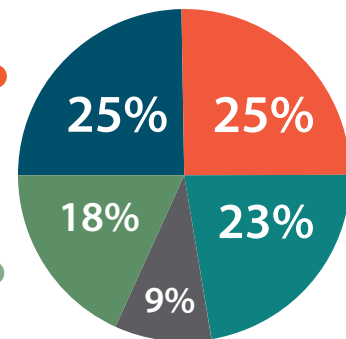


ChemPharma & Energy

TRUSTED BRANDS

CHEMPHARMA & ENERGY
 ALOYCO · CENTER LINE · COMPAC-NOZ
 CRANE · DEPA · DUO-CHEK · ELRO
 FLOWSEAL · JENKINS · KROMBACH
 NOZ-CHEK · PACIFIC · RESISTOFLEX
 REVO · SAUNDERS · STOCKHAM
 TRIANGLE · UNI-CHEK · WTA · XOMOX

- Energy
- Chemical / Petrochemical
- Building Services
- Municipal
- General Industrial



KEY MARKETS

NEW PRODUCTS!

Pacific®CSV Cast Steel Valves

Gate Valve: Key Features and Benefits

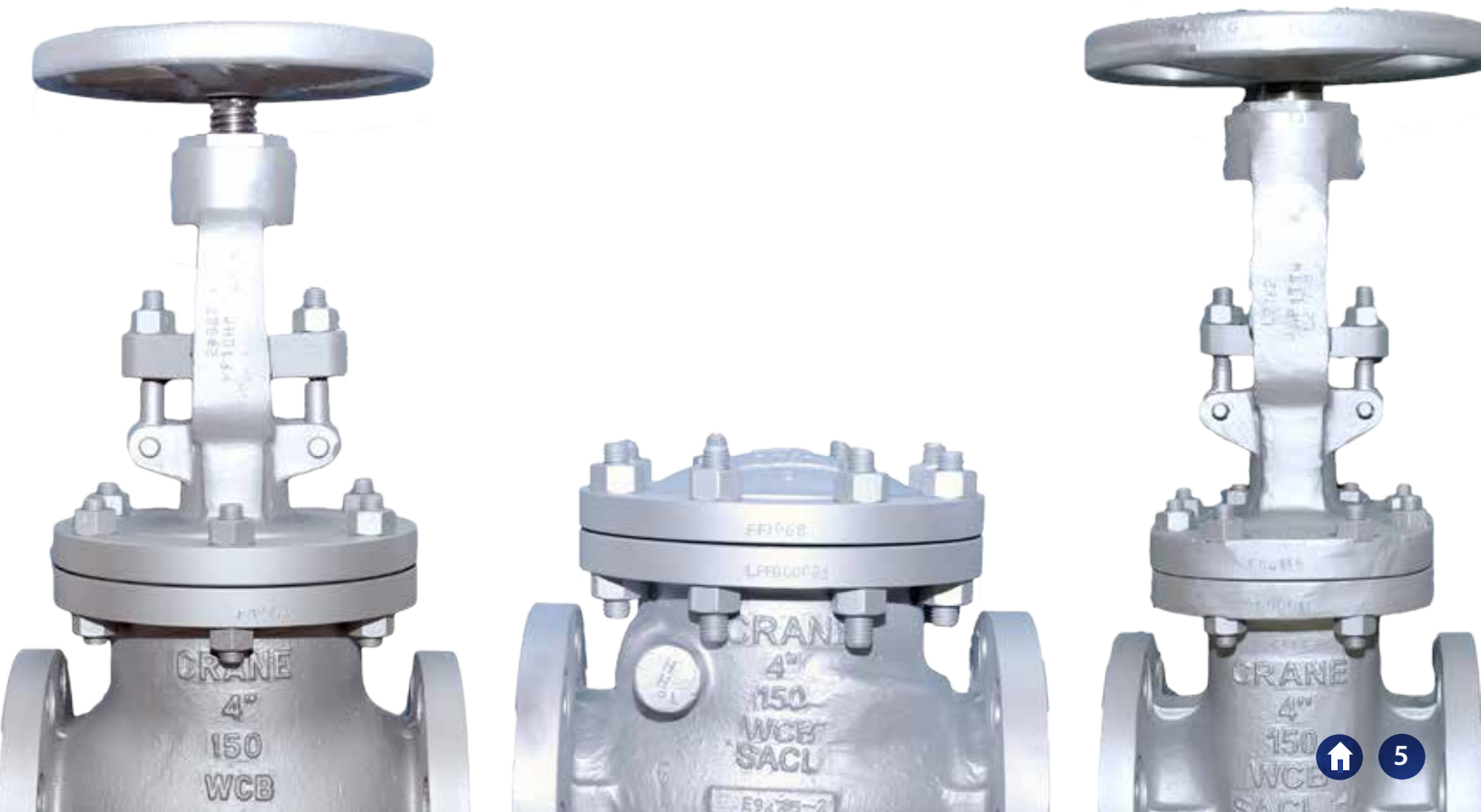
- 1 Fully-guided wedge ensures smooth operation in both horizontal and vertical orientations to deliver improved resistance to sticking.
- 2 Modular stuffing box facilitates changeover for low fugitive emissions and monitoring port options.
- 3 Live loading option extends fugitive emissions performance by eliminating the need for manual packing adjustment.

Globe Valve: Key Features and Benefits

- 1 Uniquely designed line contact between disc and seat results in lower seating torque, permitting faster set up.
- 2 The guided disc option facilitates seating during turbulent flow conditions.
- 3 Integral ISO 5210 mounting is available in larger sizes for ease of actuation.

Check Valve: Key Features and Benefits

- 1 Disc fastener is restrained by the bonnet to eliminate the risk of a displaced disc and prevent damage to downstream equipment.
- 2 Internal hung disc pin arrangement eliminates leak path from pressure boundary.
- 3 Modular design enables easy change to an optional external pin arrangement if counterweights are required.



NEW PRODUCTS!

Xomox®FK Soft Seated Ball Valve

Key Features and Benefits

- 1 Three independent stem seals offer superior **fugitive emissions control**, certified to the following standards: EPA Method-21, ISO-15848, and TA-Luft according to VDI 2440.
- 2 **Self-relieving** seats permit relief of excess pressure to protect the integrity of the valve while maintaining bi-directional operation.
- 3 Patented SX ball-stem design provides high maximum stem torque capability and built-in side load resistance for **extended valve life** under severe conditions including thermal-cycling.
- 4 Dual material spiral wound body gasket, including a PTFE chemically inert inner seal and a secondary graphite outer seal, is supplied as standard.



Xomox® FK Ball Valve

Duo-Chek & Noz-Chek

Duo-Chek® high performance non-slam check valves are the original Mission Manufacturing Company wafer check valves introduced to the market in the late 1950s. The proven design and consistent quality of Duo-Chek high-performance non-slam check valves offer users a range of benefits, including:

- 1 Compact, lightweight dual-plate design for efficient seating, operation and reduced installation cost
- 2 Independent springs with long legs to prevent seat scrubbing and provide non-slam performance
- 3 Retainerless valve design without body penetration for critical service applications

Noz-Chek® valves are specifically designed for fast-reversing systems where backflow is a constant concern. In critical service applications, Noz-Chek Non-Slam Check Valves offer the following benefits:

- 1 Minimizes the damaging effects of water hammer in fluid systems
- 2 Removal of chatter associated with conventional valves in reciprocating compressor service
- 3 Protects rotating equipment from damage due to flow reversal
- 4 Minimizes pressure loss in piping systems
- 5 Provides quick dynamic response reducing reverse velocity



PRODUCTS

WTA

WTA, a Crane ChemPharma & Energy brand, was founded in 1978 in Ludwigshafen on the Rhein, a major European Centre for the Chemical Industries. The business is currently located at its facilities in Maxdorf, Germany. Supported by 120 qualified and dedicated engineers and skilled technicians, we design, develop and manufacture a full range of high quality bellows sealed globe valves, strainers, check valves, relief valves, change-over valves, and special valves to meet the stringent specifications required by the Chemical and Petrochemical Industries.

WTA Chlorine Bellows Sealed Globe Valves are designed and manufactured in accordance to the Euro Chlor recommendation for use on liquid and dry gaseous chlorine and similar dangerous and aggressive media.

Technical Member and Supplier of Euro Chlor Approved Process Valves WTA is a certified supplier and a member of Technical Correspondents of the Euro Chlor organization. WTA valves are manufactured in compliance with Euro-Chlor Specification and Chlorine Institute Pamphlet 6.

Krombach

Crane ChemPharma & Energy's **Krombach**® brand has been synonymous with safety, reliability, and durability for more than 60 years. The ball and seat of Krombach Metal Seated Ball Valves are machined to such precise tolerances that ball and seat lapping does not have to be performed individually for each valve – making both parts freely interchangeable.

Other Crane ChemPharma & Energy solutions on display during the show include:

- Xomox® SPV
- Xomox® XLB, XLC, XLD, LPV
- Pacific® pressure seal valves
- Saunders® diaphragm valves
- Flowseal® high-performance butterfly valves
- Alloyco® stainless steel gate, globe & check valves



Crane Celebrates 160 Years of Innovation During Valve World Americas Conference

FOR IMMEDIATE RELEASE

HOUSTON (July 15, 2015) – Commemorating a heritage of leadership and innovation, Crane ChemPharma & Energy is proud to celebrate the 160-year anniversary of Crane Co. during the Valve World Americas Conference & Expo from July 15-16.

Since its foundation in 1855, Crane has been a symbol of manufacturing excellence, expanding alongside the global industrial revolution and shaping the growth of industry worldwide. Crane ChemPharma & Energy, the consolidation of former businesses Crane ChemPharma Flow Solutions and Crane Energy Flow Solutions, is proud to be a part of the company's illustrious history, delivering solutions to the fluid handling challenges faced by the industry's most demanding applications.

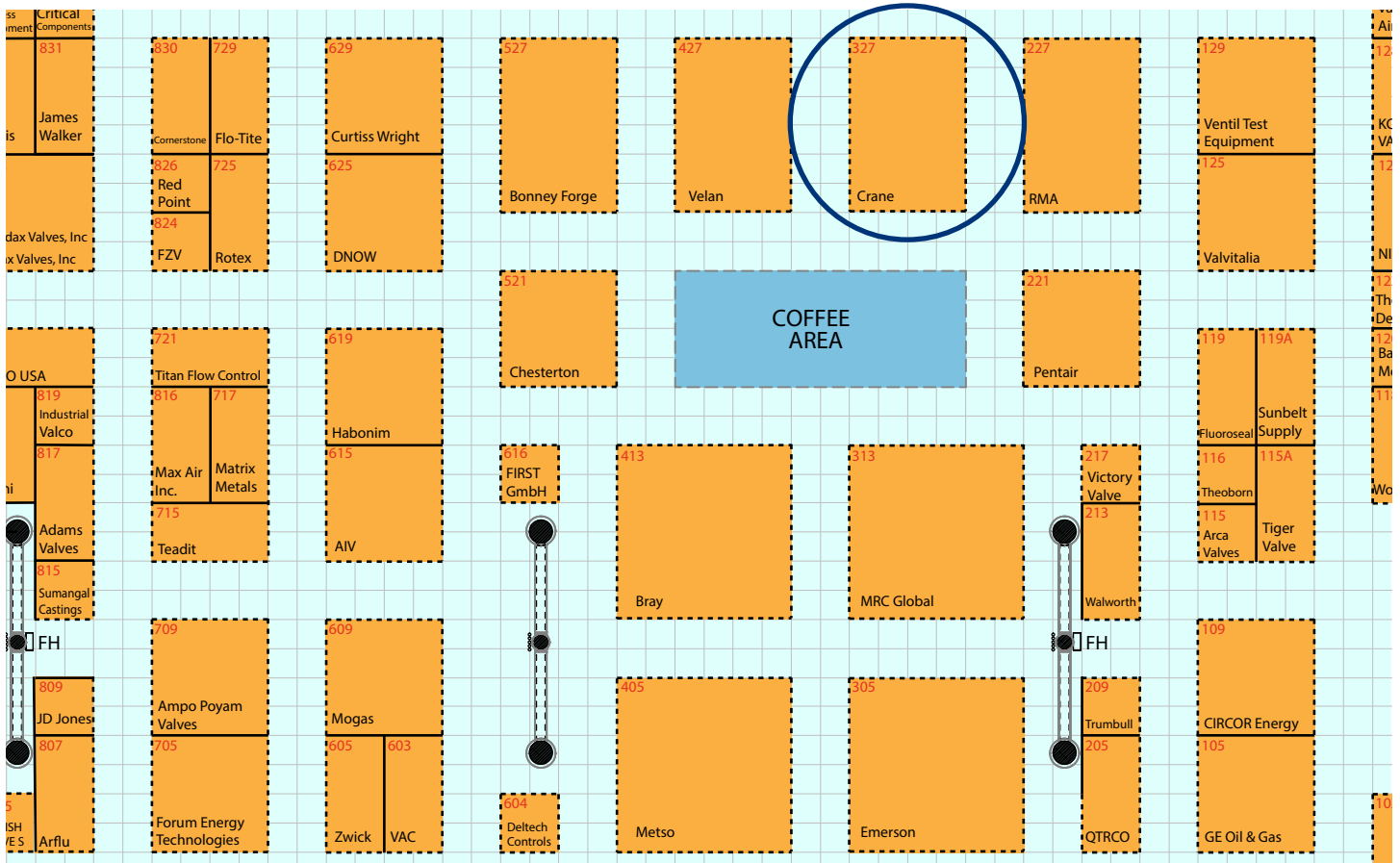
"From the industrial revolution to the modern age, Crane has anticipated the challenges of the market and developed progressive solutions to address them," said Aneta Stephens, Global Director of Marketing Communications for Crane ChemPharma & Energy. "Our 160-year anniversary celebrates Crane's culture of innovation and steadfast commitment to our customers."

More than a century of invention has enabled Crane to expand domestically, internationally and beyond, providing solutions to markets as distant as the moon with pumps used in the Gemini and Apollo Space programs. Building upon a 160-year tradition of excellence, Crane's evolution continues to shape the future of industrial manufacturing.

To view the release online and access the full text, please visit our press room.

www.press-cranecpe.com

VISIT US AT BOOTH 327!



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