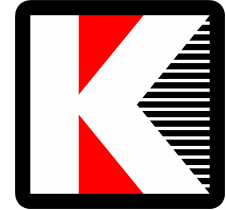
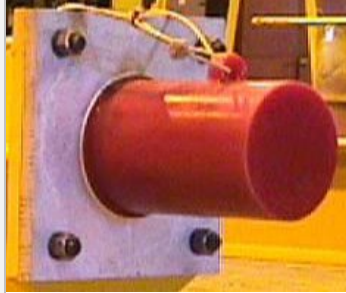


Kastalon, Inc., 4100 W 124th Place, Alsip, IL Tel: 708-389-2210 Fax: 708-389-0432 www.kastalon.com



- *High Performance*
- *Extreme Longevity*
- *Economical*
- *Engineered Energy Control*

All wrapped in one perfect solution...

The Kastalon Polyurethane Crane Bumper

Kastalon Crane Bumpers Are Pure Value And The Proof Is In The Poly!

Kastalon Polyurethane Crane Bumpers are fully effective for dissipating the impact energy from a crane colliding with its end stops or another crane and have set new standards for performance and durability. They are tough, resilient, and economical lasting up to 50 times longer than hydraulic, spring, rubber and standard elastomer bumpers. Kastalon's Crane Bumpers

meet all specifications of OSHA, CMAA, ANSI, and AISE. They have a highly engineered structure with no moving parts, requiring no maintenance and are much lower in cost than the alternatives. Unaffected by oil, grease, aging, temperature extremes and dirt, they stand up to extreme environmental conditions.

Standard sizes range from 1.6 inch diameter to 24 inch diameter in both U.S. and European configurations, fitting virtually every bumper requirement. Regardless of the size or application of the crane, Kastalon has the appropriate bumper available.

Simple & High Performance Can Be One & The Same

For more than 40 years, Kastalon supplies crane bumpers into every imaginable environment around the world.

From ports and shipyards to steel mills and industrial facilities, Kastalon bumpers are unaffected by extreme environmental conditions, and are highly effective in temperature extremes from less than -51°C (-60°F) to 107°C (225°F).

Approved for use on nuclear fueling cranes by the U.S. Navy and for nuclear power house cranes, Kastalon crane bumpers are virtually unaffected by gamma ray exposures in excess of 1x10⁹ Roentgens.

Whether you are purchasing new equipment or are replacing existing bumpers, specify Kastalon Crane Bumpers.

To assist you in sizing or customizing bumpers, Kastalon offers an interactive web site for calculating the exact bumpers to meet any requirements.

Access the Kastalon Crane Bumper Calculator by visiting www.kastalon.com or contact us directly and an applications engineer will help select your optimum bumper.

Thinking Outside The Box

Beyond the ageless Crane Bridge and Trolley Bumper applications, new and exciting projects only limited by imagination have included Kastalon Crane Bumpers.

Minute Maid Park baseball stadium in Houston, TX features a retractable roof that allows the domed stadium to be outfitted with a natural grass field. A unique suspension system made possible using Kastalon's unique polyurethane materials enables the roof system to open and close flawlessly. This is a sharp contrast to retractable roofs at other ballparks, where operational issues and significant maintenance costs are common.

The roof also employs Kastalon Crane Bumpers specifically designed to stop the 14.7 million pound roof and protect it from over travel collision damage. Kastalon's engineers worked closely with the mechanical and architectural design team in developing bumpers that provide absolute protection for the all glass roof.

From the most challenging energy control applications to fundamental crane applications, Kastalon Crane Bumpers have provided decades of reliable, safe, and consistent performance.

**CMMA (Crane
Manufacturers Association
of America, Inc.)**

Specification No. 70

***"Stops are to be provided
on the bridge of the crane
to limit travel of the trolley.***

***The stops are normally
located to allow the trolley
to travel as close to the
end of the bridge as
possible and should
engage bumpers or
bumper pads mounted on
a power-operated trolley.***

***Multiple power-operated
trolleys operating on the
same bridge shall have
bumpers that make
contact between the
trolleys."***

Engineered To Fit

Is your project out of the ordinary or would you like design assistance in closing the right stops for your crane? That is where Kastalon shines. Start out by accessing the CRANE BUMPER CALCULATOR at www.kastalon.com to determine which standard crane bumper will fit your specifications. If your design requires a custom configuration, simply contact our design engineers through the website or by calling 1-800-527-8566 for assistance on modifying a crane bumper to suite your project.



Does your crane have a Kastalon Bumper?

For more information, please visit our website at www.kastalon.com.