



*Crane Bumpers are available in Solid Cast or Steel Plate base designs or with a single bolt. Solid Cast Bumpers are a single piece molded type, with steel screen reinforcements in the base plate. Available in 2" to 12" Dia. Steel Base designs have a steel base plate with 4 bolt holes, bonded to the cylindrical bumper. They are available from 2" Dia. up to 12" Dia. Econo Bumpers are available with a bolt molded to the base. All Crane Bumpers comply with C.M.A.A & O.S.H.A. requirements.*

## Product Features

- High Impact Strength
- High Load Bearing Capacity
- Outstanding Abrasion Resistance
- Excellent Oil, Grease & Ozone Resistance.

## Design Features

- Comply with OSHA and C.M.A.A specifications for Bridge and Trolley bumpers.
- Bridge bumpers are designed to stop the bridge at an average deceleration rate of less than 3 ft/s/s when traveling at 20% of the rated load speed.
- Trolley bumpers are designed to stop the trolley at an average deceleration rate of less than 4.7 ft/s/s when traveling at one third the rated load speed.
- The conical cross section of the bumper enables higher load bearing capacity (approx 10% more) than the cylindrical designs.
- Because of the conical shape, the bumper exerts higher resistance as the bumper is compressed.
- The impact surface and the deflecting body of the bumper have molded surface finishes, thus improving the cut resistance by as much as 300% compared to open cast surfaces.

## Safety Features

- Safety cable hooks are molded in the bumpers in compliance with OSHA standard 1910.179 (iii).
- Less than half the weight of the bumpers with steel mounting plates. Thus they are safer and easier to handle.
- The single piece molded design is safer...no possibility of the bumper portion separating from the mounting plate.
- Made of the best available polyurethane elastomers. Tough, durable and safe over a wide range of operating temperatures (-60°F to +225°F).
- Bright red color so as to enhance visual inspection.

## Advantages of "Poly-Pro" Bumpers:

- Made of High Performance compounds that yield resilient and durable bumpers of unmatched advantages.
- Available in 3 basic design groups. "P" series, "S" series & "B" series.
- Made to exacting standards, using the best performance polyurethane elastomers, assuring you of long SERVICE LIFE, smooth & quiet PERFORMANCE, and MAINTENANCE FREE OPERATION, even in dirty and hostile environments.
- Visually inspected from the floor level and since they do not have any moving parts, or any enclosed parts, no failures or malfunctions will go undetected.
- Light-weight, and are designed for ease of installation.
- Can be used in temperature ranges of -60° F (-50° C) to 225° F (107° C), and are not effected by oil, grease, humidity, dirty environments, aging or temperature changes.
- Better than rubber, wood, spring or hydraulic bumpers offering unmatched benefits and advantages.