

# RAYSAN

Flexible Barrier  
**POLYGUARD**  
PuffyGuard

## **POLYGUARD SUPREME**

IT IS A COLUMN PROTECTOR THAT MINIMISES DAMAGE TO COLUMNS AND VEHICLES IN PLACES WHERE THERE IS FORKLIFT TRAFFIC INSIDE AND OUTSIDE THE FACTORY. IT IS CAREFULLY DESIGNED AND CAN BE ADJUSTED ACCORDING TO COLUMN WIDTHS WITH ADDABLE SPACERS AND THANKS TO ITS PROTECTIVE AIR CHAMBER, IT SURROUNDS THE COLUMNS WITH AN AIR CUSHION AND PREVENTS DAMAGE TO THE COLUMNS WITH ITS SPECIAL PROTECTIVE STRUCTURE WHEN EXPOSED TO IMPACT.



## STRONG AND LIGHTWEIGHT

Thanks to its unique chemical formula, our barrier surpasses steel barriers in both strength and weight. It is significantly lighter while maintaining its exceptional durability.

## MODULAR

Thanks to its modular design, our barrier effortlessly adapts to the changing needs of your facility. This flexible solution is extremely easy to install, assemble, disassemble, relocate and organize.

## NO CORROSION

Unlike steel barriers, our barriers are made of durable polymer materials, making them unaffected by environmental elements such as sunlight and rainwater.

## NO PAINT AND MAINTENANCE NEEDED

Unlike Raysan's steel barriers that require regular painting and maintenance, our self-colored structure eliminates the need for these processes. Even if the barrier is scratched due to an impact, its surface retains its original color without any change.

## ULTRAVIOLET RESISTANT

Our barriers are designed with exceptional resistance to UV radiation. Their chemical structure remains intact even after prolonged outdoor use, ensuring long-term durability.

## ANTIBACTERIAL

Our barriers have an exceptional chemical formula that prevents them from having any chemical reaction with the substances they come into contact with.

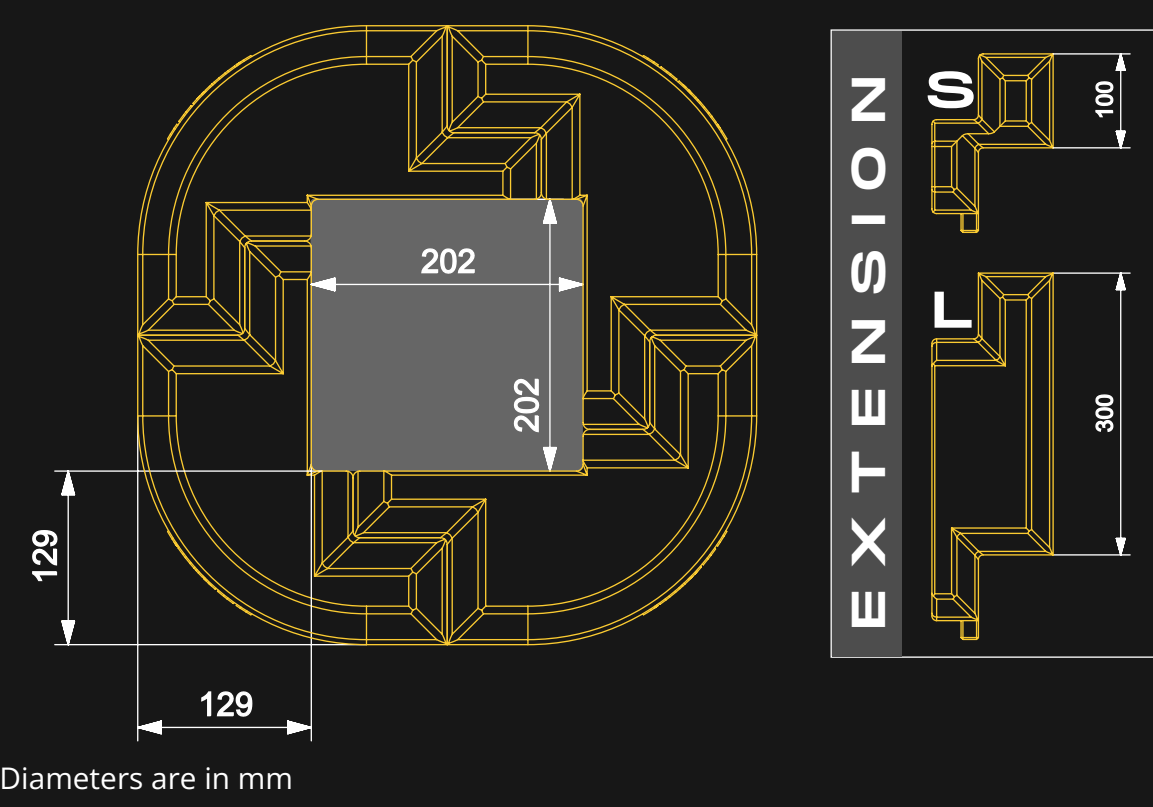
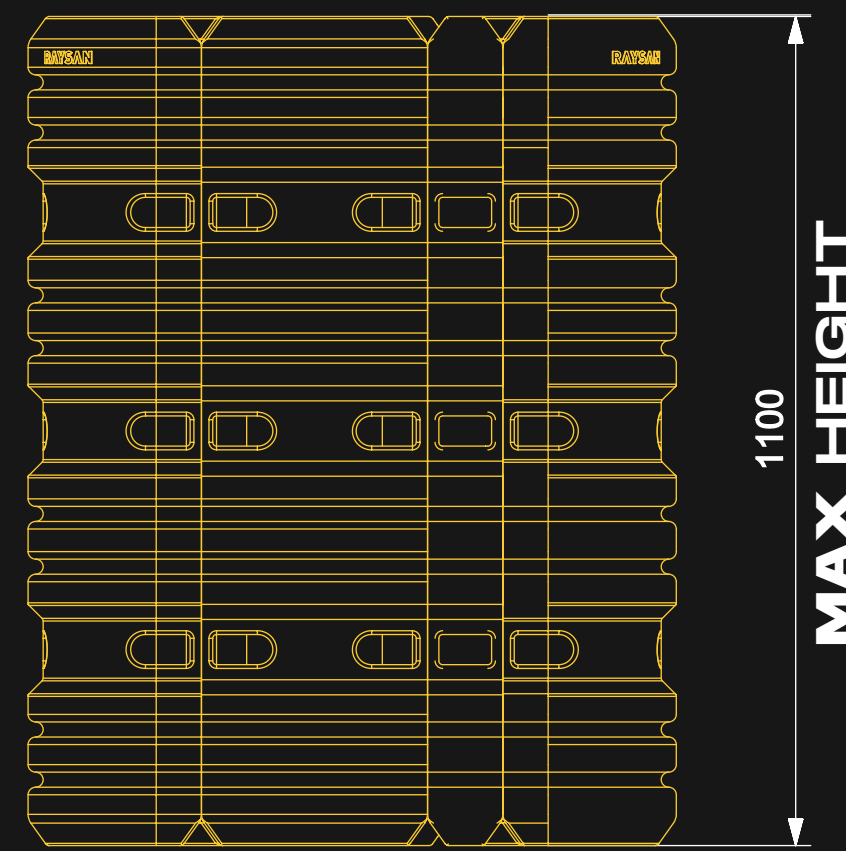
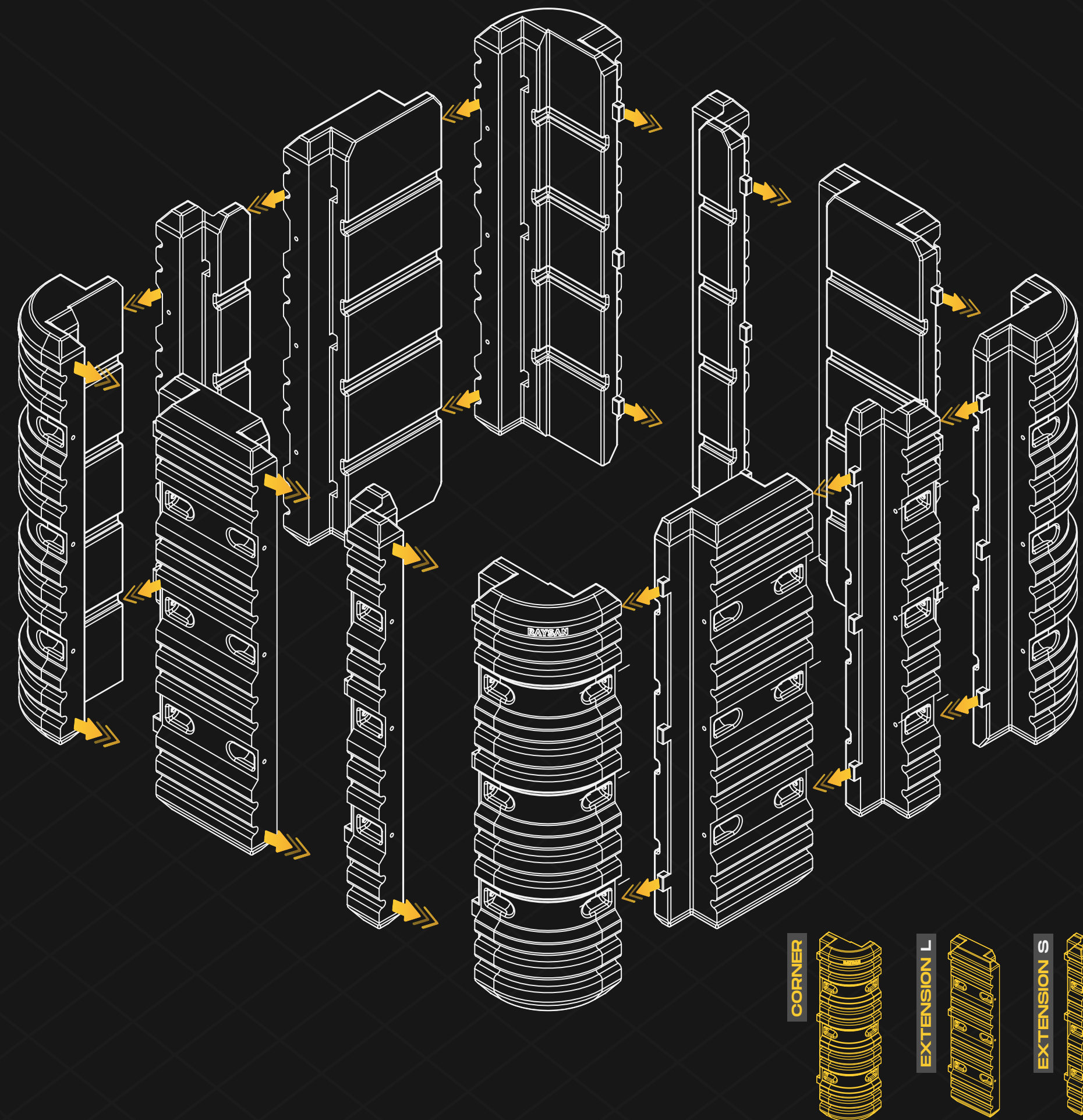
EXPERIENCE **UNPARALLELED STRENGTH** WITH OUR ADVANCED **POLYMER, CRAFTED FROM A PREMIUM BLEND OF SOPHISTICATED POLYOLEFINS AND RUBBER ADDITIVES. THIS EXCLUSIVE COMPOSITION DELIVERS UNMATCHED DURABILITY AND FLEXIBILITY. OUR CUTTING-EDGE ENGINEERING PROCESS REORIENTS THE MOLECULAR STRUCTURE DURING MANUFACTURING, ENDOWING THE BARRIER WITH A UNIQUE BUILT-IN MEMORY. THIS INNOVATIVE FEATURE ENSURES THAT THE BARRIER RECOVERS COMPLETELY AFTER IMPACTS, MAINTAINING PEAK PERFORMANCE AND RELIABILITY.**



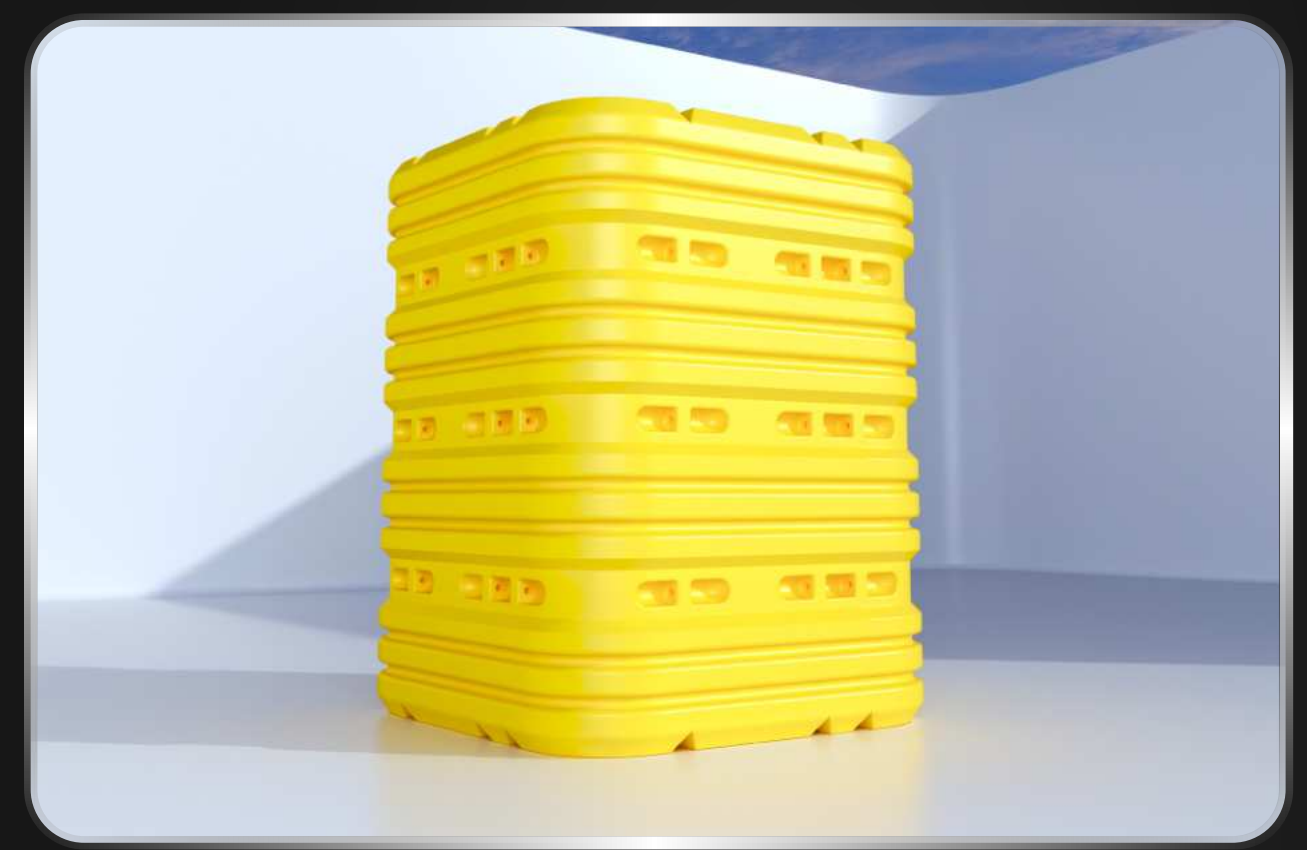
# PREVENT COSTLY DAMAGE WITH SMART COLUMN PROTECTION

Column protection barriers are essential for preventing structural damage and costly repairs caused by forklift impacts. They enhance workplace safety by absorbing and dispersing impact forces, reducing the risk of accidents and downtime. Investing in these barriers safeguards infrastructure, extends the lifespan of columns, and lowers maintenance costs, making operations more efficient and cost-effective.

## TECHNICAL DRAWING



\*Diameters are in mm



## IMPACT ENERGY DETAILS

**90° IMPACT**  
PGS | 2,400 JOULE



Water and Humidity

Ideal for both indoor and outdoor use or environments with frequent exposure to water and humidity.

- \*90° Impact on Mid Rail of Maximum Post Centres
- \*Results are Reflecting Instantaneous Impact Values
- \*Does not Provide Resistance to Sharp Impacts

### SUITABLE FOR

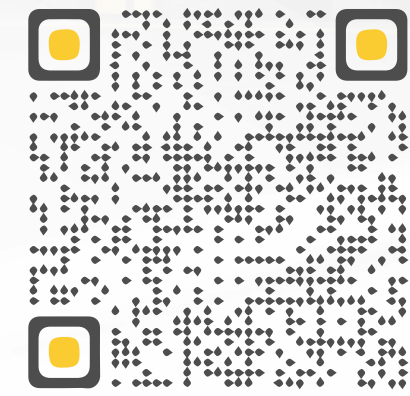


\*Please note that the RAL and PANTONE colours listed are the closest match to standard RAYSAN colours, but may not be exact matches of the actual product colour and should be used for guidance only.

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# RAYSAN

AS RAYSAN, WE ARE PROUD TO PIONEER THE FUTURE OF INDUSTRIAL SAFETY. WITH OUR STATE-OF-THE-ART FLEXIBLE PROTECTIVE BARRIERS AND SOLUTIONS, WE ARE AT THE FOREFRONT OF INNOVATION, PROTECTING WORKPLACES AROUND THE WORLD. OUR COMMITMENT TO EXCELLENCE AND UNWAVERING DEDICATION TO ADVANCING SAFETY STANDARDS HAS PROPELLED US TO THE TOP OF THE INDUSTRY.

YOUR **TRUSTED** PARTNER