

A photograph of a winding road with a metal guardrail, set against a backdrop of a dense forest of tall evergreen trees under a clear blue sky. The road curves from the foreground into the distance, flanked by green grass and a thick line of tall, thin trees. A metal guardrail runs along the edge of the road, with a small red reflector visible on the left side in the foreground.

SHIELD FOR EVERY ROAD

*PRESENTING
UTKARSH WORLD-CLASS
CRASH BARRIERS*



MAKING JOURNEYS SAFER FOR ALL

Utkarsh India is a leading manufacturer of Metal Beam Crash Barriers, setting benchmarks in quality, innovation and safety. Team Utkarsh offers an extensive range of crash-tested products, including W-Beam, Thrie Beam and Pedestrian Guard Rails—renowned for their exceptional structural integrity, advanced design and adherence to international standards. With decades of expertise, Utkarsh India has supplied Metal Beam Crash Barriers for numerous prestigious projects, including highways, expressways and industrial zones across India.

We, at Utkarsh, are always ready to make journeys safer for all.



FROM US TO U

Dear Friends,

Inspired by the philosophy of John Henry Newman that "Growth is the only evidence of life," Utkarsh India Limited has grown to become a leader in infrastructural solutions. With every step forward, we have embraced our commitment to driving growth - not only within our organisation but also for the communities and industries we serve.

Our journey has transcended borders, impacting lives and contributing to infrastructural advancements globally. This success would not have been possible without the unwavering support of our valued suppliers, distributors and channel partners. We extend our deepest gratitude to them.

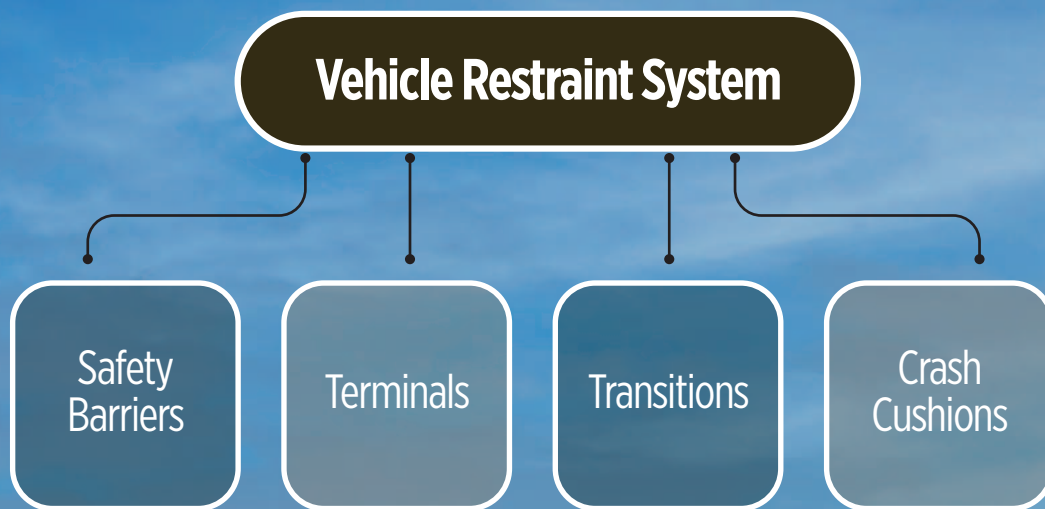
Behind this progress is a dynamic team of innovative and passionate individuals, guided by experienced leadership. Their collective vision has been the foundation of our success, ensuring excellence in every endeavour. With our corporate ethos, "U are our commitment," we uphold the principles of reliability, consistency and customer-centricity.

At Utkarsh, "Customer First" is not just a motto - it's the driving force behind our dedication to quality and service. Together, we continue building a legacy of trust and progress.

Regards,

SUNIL BANSAL
UTKARSH BANSAL

METAL BEAM CRASH BARRIER DIVISION



Modified Eccentric Loader Terminal (MELT)

The MELT is an energy-absorbing guardrail end terminal designed to safely decelerate vehicles upon impact. It features a breakaway cable system and eccentric loading mechanism that dissipates kinetic energy, reducing the severity of crashes.

Capacity: 350 Sets/Month



Trailing Terminal (TT)

Trailing Terminals are installed at the downstream end of guardrails, providing a safe termination point. They are designed to prevent vehicle spearing and ensure that the guardrail does not pose a hazard when struck from the trailing end.

Capacity: 250 Sets/Month



Concrete Barrier to Metal Barrier Transition (NJB Connection)

This transition connects rigid concrete barriers, like the New Jersey Barrier (NJB), to flexible metal guardrails. It ensures a smooth change in stiffness, helping to prevent vehicles from snagging or experiencing abrupt impacts during collisions.

Capacity: 500 Sets/Month



Emergency Median Opening Barrier

These barriers are installed in medians to allow emergency vehicles to cross over during incidents. They are designed to be movable or collapsible, providing quick access while maintaining safety for regular traffic.

Capacity: 35 Sets/Month





Turned Down Guardrail

A Turned Down Guardrail features an end section that curves downward to the ground. This design minimises the risk of vehicle impalement during collisions and is commonly used where space constraints prevent the use of energy-absorbing terminals.

Capacity: 300 Sets/Month



Fish Tail

The Fish Tail end is a flared terminal that reduces the risk of vehicle penetration and provides a smooth redirection upon impact. Its curved design helps in dissipating energy and guiding vehicles away from hazards.

Capacity: 6000 Sets/Month



Buffer Return

Buffer Returns are end treatments that curve the guardrail back towards the roadside, anchoring it safely and preventing vehicle spearing. They are typically used in areas with limited space or where a full terminal is not feasible.

Capacity: 800 Sets/Month





Crash Cushion (Traffic Impact attenuator)

Crash cushions, also known as impact attenuators, are safety devices designed to absorb the kinetic energy of a colliding vehicle, thereby reducing the severity of crashes. They are typically installed in front of fixed objects like bridge piers, gore points or barrier ends to protect motorists from severe impacts. Crash cushions come in various types, including sand-filled barrels, water-filled barriers and engineered metal systems.

Capacity: 20 Sets/Month



End Terminal

End terminals are specially designed end pieces of guardrail systems that provide a safe termination point for the barrier. They serve to anchor the guardrail to the ground and are engineered to absorb or redirect the energy of a vehicle impact, preventing the guardrail from spearing the vehicle. End terminals are crucial for ensuring the overall effectiveness of roadside safety barriers.

Capacity: 30 Sets/Month



Bull Nose

The Bull Nose is a rounded terminal used at the ends of median barriers or at the junction of two barriers. Its design absorbs impact energy and redirects vehicles, reducing the severity of collisions.

Capacity: 3500 Sets/Month





ISO:9001
ISO:14001
ISO:45001
CERTIFICATIONS



REDUCING
CARBON
FOOTPRINT



EN 1090-1
EN 1090-2
CE CERTIFICATIONS



7 IN-HOUSE
GALVANISING BATHS



TOTAL PRODUCTION
CAPACITY
715,000 MT/YEAR



TOTAL MANUFACTURING
SPACE 6,15,000 SQ. M



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