

Engineering Motion Ensuring Reliability

Motion control and vibration isolation solutions engineered for the world's evolving railway systems.

—
GB EQUIPMENT SYSTEMS LTD.
A GB GROUP COMPANY



A LEGACY BUILT ON PURPOSE

Every great legacy begins with a commitment to make a difference. For over four decades, GB Group has remained dedicated to engineering solutions that create real-world impact.

Through our Railway and Medical divisions, we deliver products that enable safer transportation, stronger infrastructure and better healthcare.



ENGINEERING PROGRESS BEGINS WITH VISION



"To build with honesty, deliver with quality and grow with lasting trust."

LATE SHRI AMRIT LAL GUPTA
FOUNDER



"Guided by values, we continue strengthening industries through manufacturing excellence."

MR. V.K. GUPTA
CHAIRPERSON



"Focused on innovation, we are building future-ready solutions for evolving global industries."

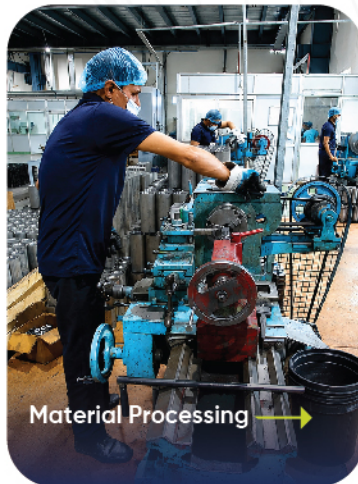
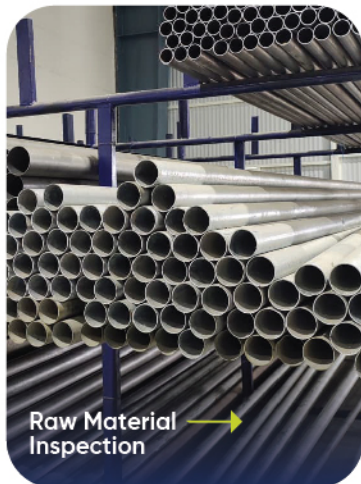
MR. PRANAV GUPTA
DIRECTOR & COO

Behind every solution is a legacy of leadership that values craftsmanship, embraces innovation and inspires a culture of excellence. It is this vision that continues to shape the way we engineer, manufacture and grow.

ENGINEERING CAPABILITY

END TO END

Built around control, consistency and repeatability.



ENGINEERED EXCELLENCE

ONE PHILOSOPHY



Every product we manufacture
is built around one engineering principle
Precision. Reliability. Performance.

VERTICAL DAMPERS

Built for efficient shock absorption and controlled vertical movement.

LOAD CAPACITY

5884 N at 0.10 m/s



SECONDARY HORIZONTAL DAMPERS

Designed to absorb horizontal forces and vibrations, ensuring balanced movement.

LOAD CAPACITY

7,000 N at 0.01 m/s

14,000 N at 0.03 m/s



SECONDARY VERTICAL DAMPERS

Engineered for superior vibration control and consistent ride stability.

LOAD CAPACITY

11,000 N at 0.10 m/s

20,000 N at 0.30 m/s



AXLE DAMPERS

Precision-engineered to minimize vibrations and dynamic forces.

LOAD CAPACITY

5,000 N at 0.10 m/s

9,000 N at 0.30 m/s



YAW DAMPERS

Designed to reduce lateral oscillations for improved high-speed railway stability.

LOAD CAPACITY

3,000 N at 0.01 m/s



SECONDARY LATERAL DAMPERS

Designed to control lateral movements between the bogie and car body, it enhances ride stability, passenger comfort and dynamic performance

LOAD CAPACITY

2600 N at 0.1 m/s



ELASTOMERIC PAD

Designed to absorb shock, distribute loads and track stability and alignment.



SPHERIBLOC

Engineered to accommodate multi-directional movement while ensuring reliable load transfer and vibration isolation.



SILENT BLOCKS

Designed to isolate vibration, minimise noise transmission and support smooth mechanical operation.



AIR SPRINGS

Engineered to provide superior ride comfort, effective vibration isolation and consistent load support.



FRICTION SNUBBER ASSEMBLY

Engineered to absorb shocks, control vibrations and improve the stability of railway suspension systems.



MOVING RAILWAY FORWARD



GB EQUIPMENT SYSTEMS LTD. A GB GROUP COMPANY

 Head Office: GB Group, 16 Ballupur Road,
Dehradun, Uttarakhand, India - 248001

 Railway Division : 22-23km, Chakrata Road,
Chhota Rampur, Dehradun, Uttarakhand,
India - 248197

TRUSTED BY INDUSTRY LEADERS





www.gbgroup.in