Seating

Magna Seating is an innovative leader in the development and manufacturing of high quality complete seating systems, seat structures, mechanism and hardware solutions, specialty mechanism solutions, as well as foam & trim products for the global automotive, heavy truck, city/intercity/coach bus industries. Our capabilities include market and consumer research; full concept development; design and engineering capabilities; testing, validation and world-class manufacturing.

Customer Base


For our full range of products and capabilities visit: magna.com

COMPLETE SEATING SYSTEMS
SEAT STRUCTURES, MECHANISM & HARDWARE SOLUTIONS
SPECIALTY MECHANISM SOLUTIONS
FOAM & TRIM PRODUCTS
DESIGN & DEVELOPMENT CAPABILITIES
Seating

Capabilities
Complete Seating Systems
• Reconfigurable Seat Solutions
  - Light Vehicles
  - Heavy Truck
  - City/InterCity/Coach Bus
• In-Vehicle Stowable Seats
• Ease of Ingress/Egress
• Comfort Systems
• Lightweight Seat Solutions
• Thin Seating
• Safety Systems Integration

Seat Structures, Mechanism & Hardware Solutions
• Seat Structures
  (HSS, Aluminum, Magnesium, ULTRALITE™)
• Manual & Power Recliners
• Manual & Power Adjusters (Fore/Aft, Lift)
• Seat Attach Latches
• Specialty Mechanisms (Stow-in-Floor, Stand Up, Reversible, EZ-Entry, Full Memory Features

Foam & Trim Products
• Conventional Foam
• Recycled Foam
• Renewable Foam Formulations
• Black Foam
• Dual Firmness Foam
• Trim Covers (Cloth & Leather)

Design & Development Capabilities
• Consumer & Market Insights
• Benchmarking
• Product Development Engineering (PDP™) and Program Management
• Product Validation
• Biosciences for Comfort Development & Ergonomics
• Craftsmanship Expertise
• Manufacturing Solutions
• Quality Control
• Simulation, Analysis & Modeling

Innovations
FUTUREFORM™ Thin Seat
Our unique structural and suspension design enables a thin profile, reducing seat mass up to 20% and offers better comfort compared to conventional seats. Rear seat leg room is increased up to 50 mm, improving overall cabin space, allowing vehicle length reduction without compromising occupant space, resulting in significant vehicle mass reduction.

IDISC® Family of Recliners
Our manual mini disc recliners are lighter, more cost-effective, and offer best-in-class size, mass and functionality. IDISC 4™ is ideal for packaging into tight environments, allowing lower load floors and smaller plastic shields. Its diameter is 20 mm smaller than our IDISC 3™ generation. IDISC 3™ IFM offers integrated internal full memory, enabling the seat back to return to the previous seating position. This mechanism reduces complexity and mass considerably as compared to alternate solutions.

SEDANSLOUCH™
A sedan rear seat mechanism that reclines and folds flat for cargo space. This technology is the perfect fusion of comfort and cargo space, as rear seat comfort is no longer a luxury but a consumer expectation. This first-to-market technology is for vehicle manufacturers to differentiate their vehicles in the highly competitive sedan segment SEDANSLOUCH™ seating integrates two functions into one unique mechanism.

QUICKADJUST™ Power Mechanisms
With advancements in our family of recliners and tracks, the QUICKADJUST™ Power Mechanisms are power seat solutions that allow easy entry functionality. The IDISC 5 Q™ recliner and the META™ power track include the quick adjust feature. Both offer power mechanisms with built-in manual override functionality. Consumers are provided with the luxury of power adjustments when seated and the convenience of manual easy entry. Both mechanisms have built-in memory for return from easy entry mode to the previous seating position.

EZENTRYPITCHSLIDE™ Seat System
This smart solution is designed to address the seating needs of today’s SUV owner with easier accessibility and greater space flexibility. The seat releases and moves forward to maximize the opening for passengers to enter and exit the third row of seats. The EZENTRYPITCHSLIDE™ seat system features an increased range of motion to create a wider opening, and also functions without having to remove an installed child or infant seat. This seat solution features our current generation of META™ tracks and IDISC 4™ recliners.