

INSIGHT®

An Advanced
Transportation
Seating Solution



we asked, we listened





Knowledge → *InSight*® → Inspiration → Innovation

American Seating conducted comprehensive research into the needs of public transportation industry stakeholders and their customers. Our response: *InSight*, a technologically-advanced transit seat with a higher level of comfort, style and durability that promises to support efforts to increase ridership.

Research Summary Findings:

Comfort – The need for increased comfort is growing and rider comfort should not be compromised.

Style – Seat style and appearance need to be more modern and sophisticated to help market public transportation.

Ridership – A business class environment is needed to encourage more commuters to use public transportation.

Passenger Room – Because of a growing population in both height and weight, seating needs to accommodate larger size passengers without reducing the vehicle seating capacity or comfort.

Aging Population and Accommodating Disabilities – Rider population is aging as more seniors are using public transportation. Improving accessibility and providing a safer environment is a priority.

Vandalism – Single biggest cause of repair. Enhanced vandal-resistant materials and ease of part replacement is needed.

Installation – Ease and speed of seat installation is a priority to builders and transit authorities. Seats need to be quick and easy to install.

Maintenance – The ability to make quick and easy repairs or replacements and to reduce the number of parts is imperative.

Cleaning – Everyday cleaning is very time consuming. Seat design and material selection should minimize both the need and the time required to clean a bus.

Small Buses – Growing need for paratransit services, aging population, leisure travel, and smaller passenger loads are increasing demand for small and mid-size buses. Safety, comfort, durability and product standardization are important design considerations.

White book – Transit authorities utilize White Book Standards and write them into their specifications; it is important that a seat meets these standards.



InSight®'s slim profile and seat contour creates more space for enhanced ingress and egress and improved comfort.

Increased aisle space



Because Your *InSight*[®] Drives Our Innovation.

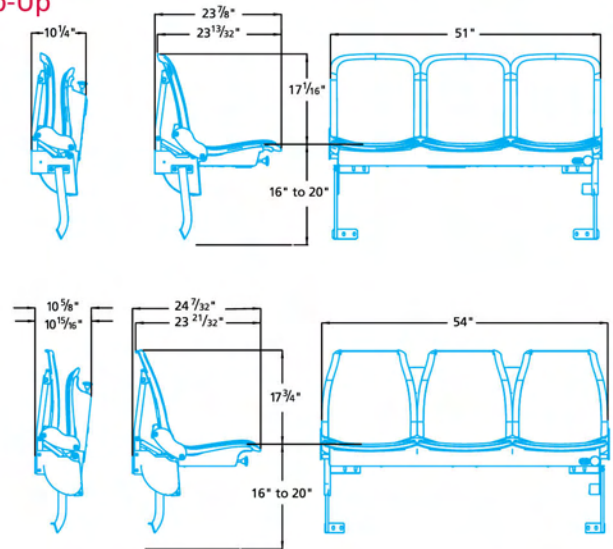
The *InSight* family of seats is designed and engineered to offer the following standard features and benefits:

Benefits	Features
Superior seating comfort	Ergonomic seat design features the largest personal sitting area, increased legroom and back height, and padded seat and back cushions for enhanced comfort.
Improved accessibility	Slim-line design with smooth transition between seats and improved grab rail enhances ingress, egress and spaciousness between rows.
Contemporary styling and elegance for an up-scale image	Individual sculpted seat module with back panel and integral grab rail in complementary colors, with no exposed fasteners or unsightly welds within easy access of passengers.
Enhanced safety	Seat module is made of resilient advanced-technology composite resin with leading performance in head and knee impact criteria.
Easy installation, minimal maintenance, and reduction in inventory storage space	A modular, one-piece molded seat module, with minimal parts, patent-pending light-weight mounting system and quick-release cushions.
Superior vandal and corrosion resistance	Seat module constructed of advanced-technology composite resin and corrosion-resistant materials with optional stainless steel back panel; mounting design incorporates anodized aluminum and there are no visually exposed fasteners.
Unsurpassed quality, craftsmanship and durability	Heavy duty construction for long life; designed and tested by industry experts and backed by the industry's strongest warranty.
Fully A.D.A. Compliant	Integrates with exclusive Advanced Restraint Module (A.R.M. [®]) and the Dual Auto-Lok [™] securement system for easier, quicker and safer mobility aid securement.
Industry White Book Compliance	Designed to meet and exceed industry standards.



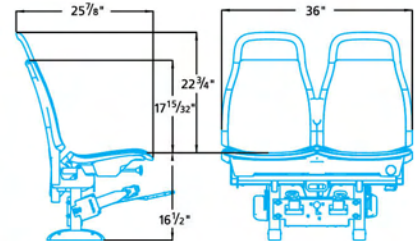
1-3 Passenger Longitudinal Flip-Up

- 17" or 18" seat width
- High-strength frame with aluminum mounting beam construction
- Locking options: up, down, up and down, or none
- Folding or fixed retaining arms
- Closeouts and trim color-matched with seating; stainless steel option available in select components
- Integrates with mobility aid securement products for A.D.A. compliance
- Optional touch-pad/signaling devices



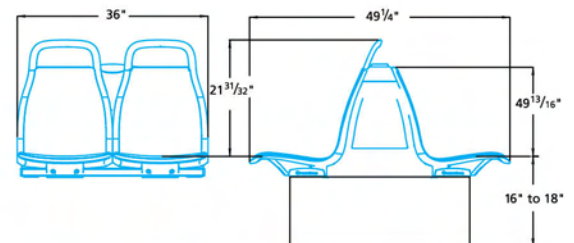
2 Passenger Transverse Flip-Up

- 18" seat width
- High-strength frame with aluminum mounting beam construction
- Locking options: up, down, up and down, or none
- Durable engineered thermo plastic back panel with stainless steel insert option
- Integral energy absorbing grab rail
- Optional grab rail cover
- Optional high-back cushion
- Integrates with mobility aid securement products for A.D.A. compliance, restraint belts positioned and secured off floor for easy access; maximized life and appearance



2 or 4 Passenger Back-to-Back

- 18" seat width
- Aluminum mounting beam construction
- Closeouts and trim color-matched with seating
- No visually exposed fasteners within easy access of passengers
- Optional integral energy absorbing grab rail (available on one side)
- Optional die cast aluminum stanchion cup
- Optional aisle armrest restraint (dependent on aisle requirements)
- Optional grab rail cover



Rest Easy...You Have *InSight*® On Board

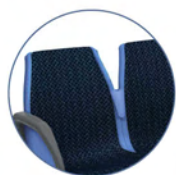
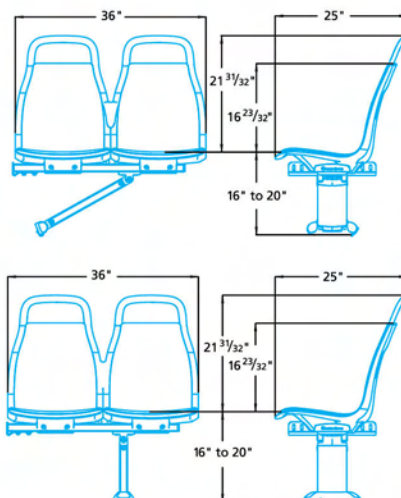
Feature Options:

Variety of quick-release cushion inserts	- Standard padded cushion (optional drain hole) - Plush padded cushion - VR-50® patented vandal-resistant cushion (optional drain hole) - CR-50® cut-resistant cushion; standard and plush pad
Color Selection	Variety of seat module and back panel color options available Please refer to <i>InSight</i> color chart
Docket 90A	Enhanced material meeting fire and smoke safety standards



1-2 Passenger Transverse

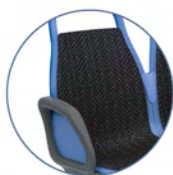
- 18" seat width
- Patent-pending lightweight universal mounting system; available in cantilever or T-Pedestal mount
- High-strength engineered thermo-resin back panel or stainless steel for vandal resistance
- No visually exposed fasteners within easy access of passengers
- Integral energy-absorbing grab rail with large comfort grip (option: available without grab rail)
- Optional die cast aluminum stanchion cup
- Optional aisle armrest restraint (dependent on aisle requirements)
- Optional high-back cushion
- Optional grab rail cover



Without Grab Rail



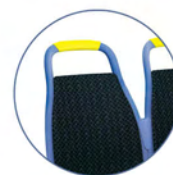
Stanchion Cup



Aisle Armrest Restraint



High-Back Cushion

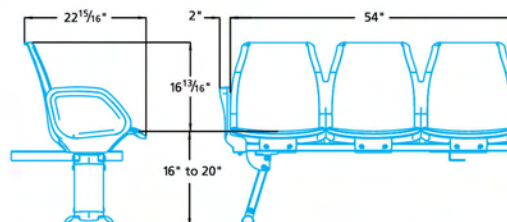
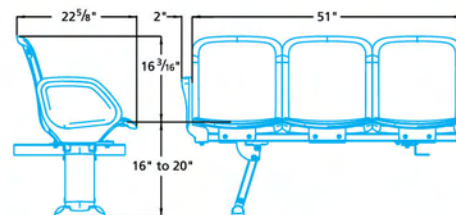


Grab Rail Cover



1-5 Passenger Longitudinal

- 17" or 18" seat width
- Aluminum mounting beam construction
- Closeouts and trim color-matched with seating; stainless steel option available in select components
- Armrest restraints:
 - Closed Energy Arm (for impact absorption; outer ring is black, optional inner panel is available in matching seat color or stainless steel)
 - Open loop arm (offered in black)
 - Stainless steel tubular restraint
- Optional stainless steel stanchion cup

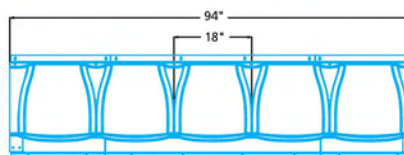
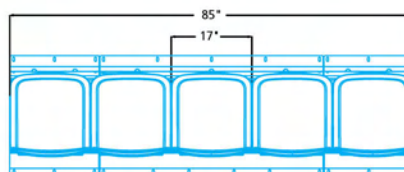


seamlessly to accommodate the wide range of customer applications.



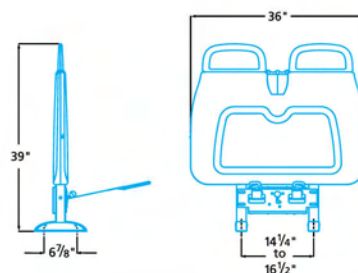
2-5 Passenger Rear Cross

- 17" or 18" seat width
- Optional closeouts and trim color-matched with seating
- Various engine access options available



Barrier

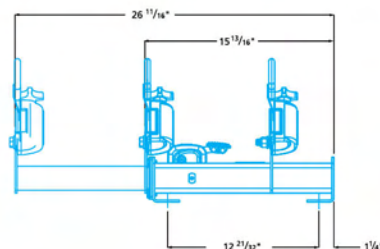
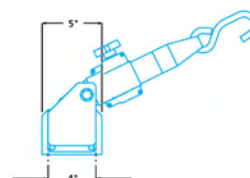
- High-strength thermo resin panel
- Nylon grab rail with large comfort grip
- Standard is color-matched to seating; alternate colors available
- Integrates with mobility aid securement products for A.D.A. compliance; restraint belts positioned and secured off floor for easy access, maximized life and appearance



Mobility Aid Securement:

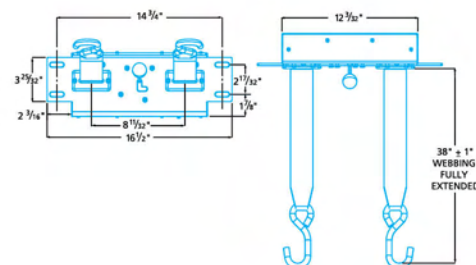
Advanced Restraint Module A.R.M.®

- Patented and exclusive positive-locking safety feature provides easier, quicker and safer securement
- Telescoping model features integrated quick-release mechanism
- Available for front, center or rear tie-down applications and in a pivoting model-type
- Stores easily when not in use



Dual Auto-Lok™

- Patent-pending system with built-in time delay mechanism allows free movement of belts for preset time and both hands to be free to secure the mobility aid, which minimizes awkward body movements and saves time
- Non-power maintenance-free system has no cables, wiring or components to adjust or replace
- Compact modular design integrates with barriers and forward facing flip-up seating; allows quick and easy replacement of components if needed and easily adapts to the majority of vehicle layouts for retrofit



endless possibilities

Go Configure.

Visit American Seating's website to learn more about InSight® through an animated tutorial featuring the family of seats, and also try the easy-to-use vehicle interior configurator program that allows users to create a custom interior. Take a "test-drive" with InSight and configure an array of component colors and fabric selections to see exactly what an interior can look like.



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Since 1886, American Seating has set the standard for product design, durability and comfort. Today, we remain committed to exceeding the needs of our customers. Our achievements serve as the platform for new and innovative products that continue to be the benchmark of our industry.



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American Seating is committed to lessening our impact on the planet through responsible stewardship of our environment.

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