



Mid-American Elevator

TRANSIT LINE

SPECIFICALLY DESIGNED ELEVATORS FOR TRANSIT STATION APPLICATIONS

Uniquely engineered for transit station demands:

- Subways
- Elevated trains
- Bus depots
- Airports



ELEVATOR
WASHINGTON WABASH
THE ELEVATOR DOOR IS LOCATED
ON THE SIDE FACING WABASH AVE

PMP041L



Eleva

MRLT (MACHINE ROOM LESS TRACTION) ELEVATORS

Mid-American Elevator specializes in the finest, most complex, highly customized elevators and lifting solutions.



Our transit elevator system has been developed over 30 years of experience installing, modernizing, servicing and maintaining elevators in transit systems around the United States. We can custom design any transit elevator to meet the precise specifications and needs of the transit authority and the particular requirements of the job site.

MRLT (MACHINE ROOM LESS TRACTION) ELEVATORS

INSTALLING AND MAINTAINING TRANSIT ELEVATORS THAT MEET PRECISE SPECIFICATIONS AND JOB SITE REQUIREMENTS

The transit market faces tougher challenges when it comes to building and maintaining elevators:

- Increased equipment reliability requirements
- Heightened visibility and exposure to the public
- Coordination with elected officials and multiple government agencies
- Extreme environmental conditions
- Compliance with FTA, APTA, ADA and other guidelines and regulations

We specialize in creating systems that fit into even the most unusual and challenging environments. Machine Room Less Traction (MRLT) models are generally used when space is at a premium, these elevators are configured so that they don't require a fixed machine room at the top of the hoistway, which makes them a good choice for areas with limited space. In high traffic areas these transit elevators are convenient, accessible and appealing for commuters





OUR MRTL ELEVATORS
ARE CUSTOM-BUILT
FOR THE UNIQUE
CHALLENGES OF THE
TRANSIT ENVIRONMENT


30
YEARS OF TRANSIT EXPERIENCE

SETTING THE HIGHEST STANDARDS IN THE VERTICAL TRANSPORTATION MARKET

Advantages Versus Overhead Traction Elevators

Machine Room Less Traction elevators are ideal when space for a machine room is not available. They are economical because they require less power, when compared to traditional geared traction equipment.

- Easier and more cost effective service and maintenance of main drive equipment
- Fewer temperature sensitivity issues due to changes in oil temperature
- No video monitoring required between elevator machine and controller.

Technical Specifications

- Drive equipment designed for 150% capacity (APTA requirement)
- PLC based control systems standard (APTA requirement)

Temperature Resistance

- Heat traced sills

Water and Urine Resistance

These transit elevators are designed to be completely resistant to biohazard contaminants and provide a seal between the subfloor and the surface from urine or costly water damage.

- NEMA 4 or NEMA 4x electrical enclosures and devices
- Type 316 stainless steel cabs, entrances and fixtures standard
- Type 304 or 316 stainless steel car slings and platforms optional
- Nickel silver or car and hoistway sills
- Epoxy flooring

Crime Resistance

- Vandal resistant fixture design
- Stainless steel and safety glass cabs and doors provide maximum visibility
- Vandal resistant graffiti film
- Provisions for security cameras
- Communications in elevator car and hall stations



Mid-American Transit Line Complies with:

- American Society of Mechanical Engineers (ASME) A17.1 and A17.2
- American Public Transportation Association (APTA) Heavy Duty Transportation System Elevator Design Guidelines
- Buy America Act
- Americans with Disabilities Act
- International Building Code
- American National Standards Institute (ANSI) Z 97.1 Safety Glazing Materials
- American National Standards Institute (ANSI) C 80.1 Electrical Rigid Steel Conduit
- National Fire Protection Association (NFPA) 70

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WE KEEP AMERICA MOVING



WHY CHOOSE MID-AMERICAN ELEVATOR?

Leaders in technology and service for more than 40 years, we have raised the bar by concentrating on the most complete suite of services found anywhere. This means we can provide our customers with full repair and maintenance as well as design and installation.



We have performed work for:

Chicago Transit Authority
Metra
Amtrak
Washington Metropolitan Area
Transit Authority
Bay Area Rapid Transit
New York Metropolitan Transit
Authority

Sound Transit
Long Island Railroad
Dallas Area Rapid Transit
Metro North Railroad
Anaheim Regional Transit
Intermodal Center
NASA

Unparalleled Service and Repair

24/7/365 AVAILABILITY

ENGINEERING AND INSTALLATION WITH YOU IN MIND

As a recognized leader in the industry, we have the skill and know-how necessary to deliver both standard and customized equipment.

Our specialty is creating systems that fit into even the most challenging and demanding environments. Mass transit facilities require lifts that carry large groups of commuters and travelers hundreds if not thousands of times per day. We have the ability to build a system that will perform reliably and efficiently for this or any other application. Our designers will examine your property closely and design the most appropriate equipment to achieve your specific goals.

Space restrictions within transit facilities may not allow for a machine room for passenger elevators. Our comprehensive capabilities include machine-room-less (MRL) passenger elevators as well as more traditional models. This means that no matter what limitations you may have, you can count on us to develop a solution that will meet your requirements.



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mid-americanelevator.com