

GT VisionLift MRL™

Genius™

Type	Passenger Elevator
Capacity	2000-4000 lbs (900-1814 kg)
Travel	Up to 325 feet
Speed	200 to 500 fpm
Counterweight	Rear
Landings	Up to 26
Openings	Front

The GT MRL **GENIUS** model is an economical and intelligent alternative to traditional traction geared elevator systems up to 500 fpm.

The **GENIUS** machine-room-less capacity to 4000 lbs makes it ideal for passenger elevators where only front doors are required.

Inherent design efficiency and the absence of a gearbox allow **GENIUS** to operate using less energy - up to 25% savings vs traditional geared traction elevators.

An efficient gearless permanent magnet motor smoothly and silently moves the elevator.

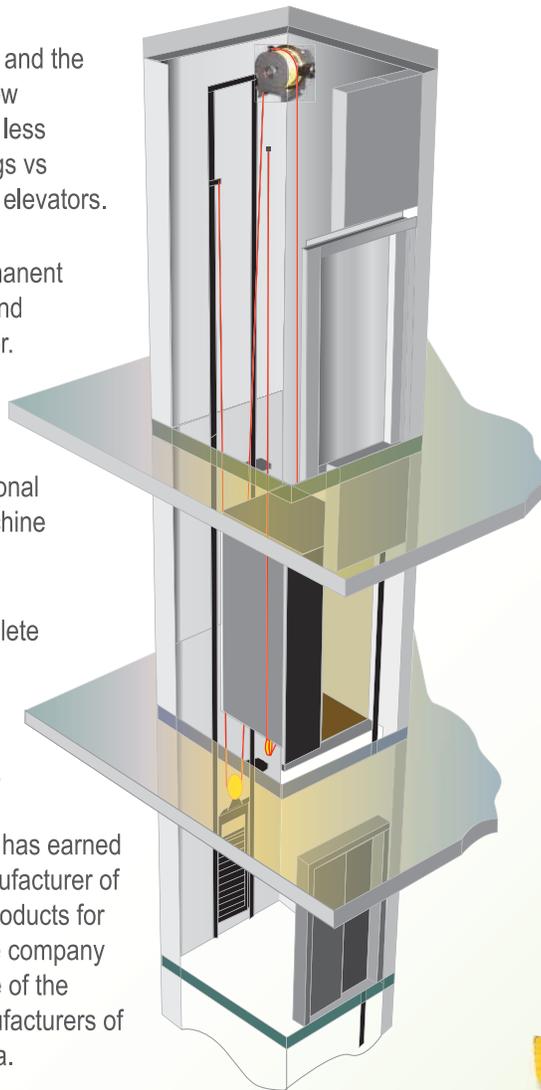
GT MRL design recovers useable building space since, unlike traditional traction elevators, no machine room is required.

GENIUS is one of a complete line of MRL elevator packages manufactured for low to mid-rise buildings by Global-Tardif.

Since 1984, Global-Tardif has earned a top reputation as a manufacturer of field proven, innovative products for the elevator industry. The company has grown to become one of the largest independent manufacturers of elevators in North America.

GT VisionLift MRL packages are engineered to satisfy the exacting standards of the largest elevator companies in the world. Manufacturing elevator system packages for multinational OEM customers is where GT built their reputation for top quality equipment and technical expertise.

Unparalleled support for GT MRL elevators is provided to and through independent Contractor members who install and maintain GT Non-Proprietary MRL equipment through affiliation with the GT MRL Network.



Machine-Room-Less Elevator

The Next Evolution in Elevator Efficiency

ENERGY SAVINGS

- Energy Saving Up to 25% vs traction
- Very Low Power Consumption
- High Efficiency PM Motor Technology

RIDE QUALITY

- Gearless Traction Elevator Performance
- Surprisingly Smooth Ride
- Quiet, Virtually Noiseless Operation

ENVIRONMENTALLY RESPONSIBLE

- Environmentally Friendly
- No Hydraulic Oil - Zero Spill Risk
- No Hot Oil Smell

BUILDING EFFICIENCY

- Recover Machine Room Space
- Flexible Layout

MRL TECHNOLOGY

- Proven Reliability
- Universally Maintainable Design
- Standard Commercial Components

APPLICATIONS / FEATURES

- Low to Mid-Rise Applications
- Upgraded Cab Standard
- 2-Year Warranty

CONTRACTOR'S PROGRAM

- Ask about joining the **GT MRL•Network**
- Visit our web site at www.gtmrlnetwork.com



Elevator Manufacturing Group

GT MRL Genius™ - Key Features

Capacity	2000 - 4000 lbs (900 - 1814 kg)
Travel	Up to 325 feet (100 m)
Speed	200 to 500 fpm (1 to 2.5 m/s)
Landings	Up to 26
Cab height	8'-0", 8'-6", 9'-0", 9'-6" or 10'-0" (2438, 2591, 2743, 2896, 3048 mm)

GT-Synchron Hoisting Machine

- Compact Gearless Machine
- Energy Cost Saving from 25% to 60%
(Compared to geared or hydraulic systems)
- Virtually Noiseless Operation
- Low Heat Dissipation
- Reduced Maintenance Downtime



Outstanding Cab Design GT-PROCAB™

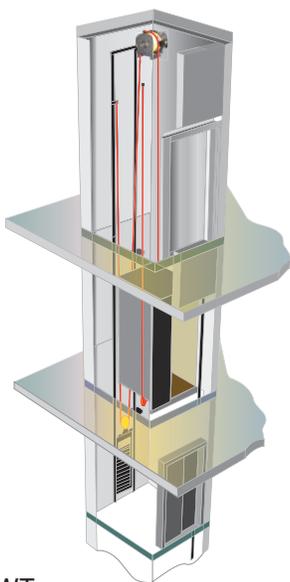
- Stainless Steel Shell Walls, Cab Front, Doors, Reveals, Kick Bases
- Removable Plastic Laminate Hang-On Wall Panels
- Attractive Standard Design - Many Options Available

The only manufacturer to offer an upgraded standard cab design



Upgraded Fixtures

Planning Guide



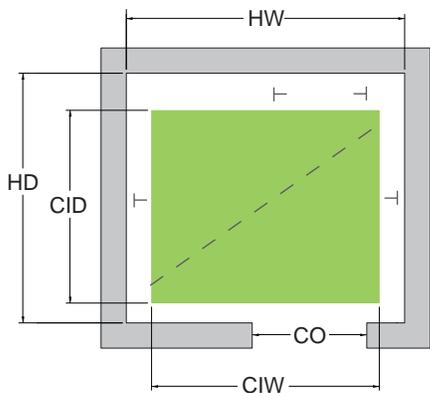
	Type of Opening	Capacity	Hoistway	Hoistway	Cab	Cab	Clear Opening
			Width	Depth	Inside Width	Inside Depth	
			HW ¹	HD	CIW	CID	CO ²
PASSENGER	SSP - CO ³	2000 lbs (900 kg)	7'-8" (2337)	6'-8" (2032)	5'-8" (1727)	4'-3" (1295)	3'-0" x 7'-0" (914 x 2134)
	SSP - CO	2500 lbs (1150 kg)	8'-8" (2642)	6'-8" (2032)	6'-8" (2032)	4'-3" (1295)	3'-6" x 7'-0" (1067 x 2134)
	SSP - CO	3000 lbs (1361 kg)	8'-8" (2642)	7'-2" (2184)	6'-8" (2032)	4'-9" (1448)	3'-6" x 7'-0" (1067 x 2134)
	SSP - CO	3500 lbs (1588 kg)	8'-8" (2642)	7'-10" (2388)	6'-8" (2032)	5'-5" (1651)	3'-6" x 7'-0" (1067 x 2134)
	CO	4000 lbs (1814 kg)	9'-8" (2946)	7'-10" (2388)	7'-8" (2337)	5'-5" (1651)	4'-0" x 7'-0" (1219 x 2134)

Notes

- ¹ For elevators with occupied space underneath hoistway, hoistway width may change. Please, contact us for dimensions.
- ² Optional custom height door opening also available. For glassback dimensions, please contact us.
- ³ 36" CO entrances not supported by nonmandatory appendix E= Elevator requirements for persons with physical disabilities in regions that support CNBC.

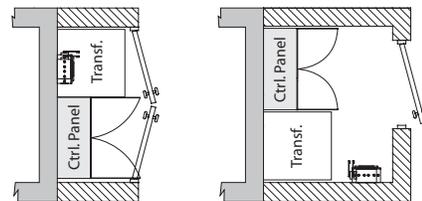
* Global Tardif is specialized in product customization. The table above indicates dimensions for standard products, however these are flexible. Contact us.

Rear CWT



Speed fpm (m/s)	Overhead ⁵		Pit Depth
	OH ⁴		
	Minimum	Recommended	P
200 (1)	15'-0"	16'-6"	5'-6" (1676 mm)
350 (1.75)	15'-6"	17'-0"	5'-6" (1676 mm)
500 (2.5)	16'-6"	18'-0"	6'-6" (1981 mm)

- ⁴ Overhead for 8' height cab. For 9' height cab add 1' to overhead. For 10' height cab add 2' to overhead.
- ⁵ Minimum overhead leaves a 6" clearance above elevator motor. To avoid any installation and/or maintenance problems, GT recommends increasing this clearance to 24".



Control Room			
Type	Width	Depth	Height
Closet door	5'-9" (1753)	3'-0" (914)	8'-0" (2438)
Single door	5'-9" (1753)	4'-9" (1448)	8'-0" (2438)