

New
Release

GT MRL Express™

Machine-Room-Less Elevator
The Next Evolution in Elevator Efficiency

MRL GEARLESS

←versus→

HYDRAULICS

All advantages of GEARLESS at the price of hydraulic

** 8-10 weeks lead time ¹

ENERGY SAVINGS

- Energy Saving, Up to 60% vs hydraulic
- Very Low Power Consumption
- High Efficiency PM Motor Technology

ENVIRONMENTALLY RESPONSIBLE

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

MRL TECHNOLOGY

- Proven Reliability
- Universally Maintainable Design
- Standard Commercial Components

RIDE QUALITY

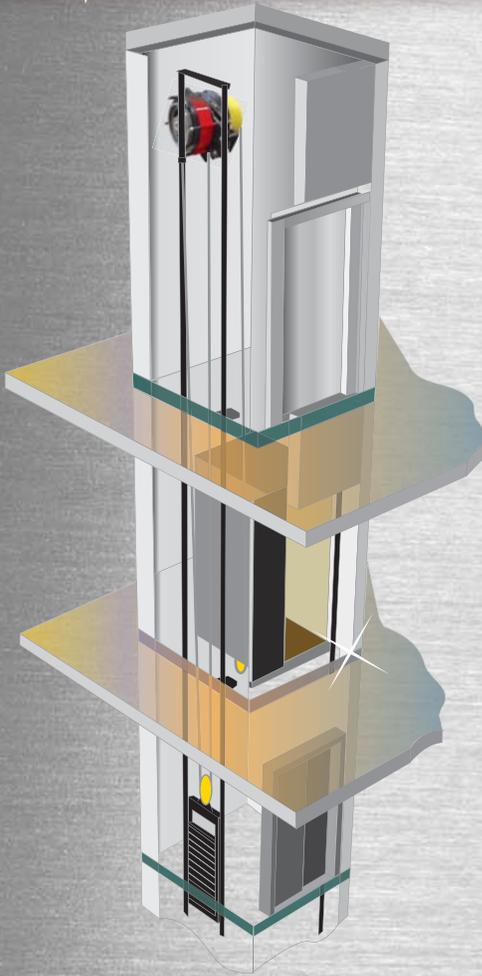
- Gearless Traction Elevator Performance
- Surprisingly Smooth Ride
- Quiet, Virtually Noiseless Operation

BUILDING EFFICIENCY

- Recover Machine Room Space
- Flexible Layout

APPLICATIONS / FEATURES

- Low-Rise Applications
- Upgraded Cab
- 2-Year Warranty



The EXPRESS Series machine-room-less solution eliminates the inherent risk of hydraulic elevator oil spills and cleanup because the system uses no hydraulic oil or cylinder. Instead, an efficient gearless permanent magnet motor smoothly and silently moves the elevator.

For Commercial Passenger &
Service Elevators

GT MRL Network

www.gtmlnetwork.com

¹ After reception of all documents and informations



EXPRESS SERIES™

| | |
|---------------|-----------------------------|
| Type | Passenger Elevator |
| Capacity | 2000-2500 lbs (900-1134 kg) |
| Travel | Up to 100 feet |
| Speed | 150 or 200 fpm |
| Counterweight | Side |
| Landings | Up to 8 |
| Openings | Front / Front & Rear |

STARTING AT LOW \$ 40'S K

THE LEADER FOR MACHINE-ROOM-LESS
The UNIQUE Specialist / Over 1000 units sold Worldwide !

GLOBAL TARDIF



Since 1984

Elevator Manufacturing Group

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GT MRL EXPRESS™ - Key Features

| | |
|------------|---|
| Capacity | Passenger : 2000 - 2500 lbs (900 - 1134 kg) |
| Travel | Up to 100 feet (30 m) |
| Speed | XT = 200 fpm (1.0 m/s) LE = 150 fpm (0.75 m/s) |
| Landings | Up to 8 |
| Cab height | 8'-0", 8'-6", 9'-0", 9'-6" or 10'-0" (2438, 2591, 2743, 2896 or 3048 mm) |

GT-Synchron Hoisting Machine

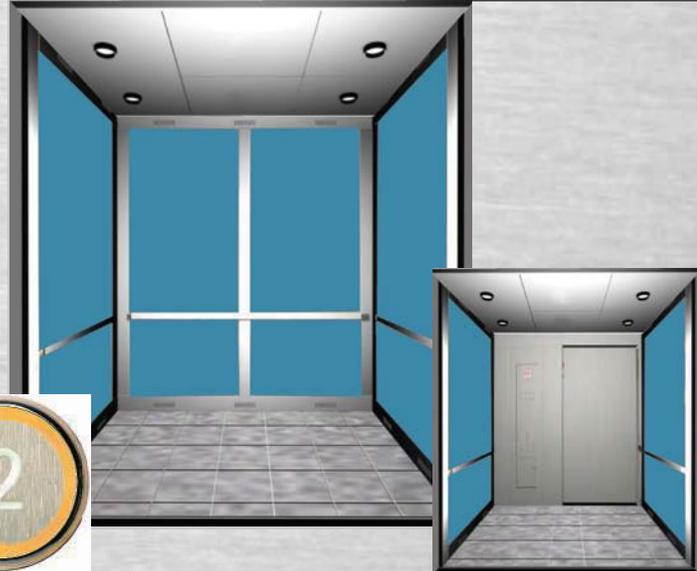
- Compact Gearless Machine
- Energy Cost Saving from 25% to 60% (Compared to geared or hydraulic systems)
- Virtually Noiseless Operation
- Low Heat Dissipation
- Reduced Maintenance Downtime



Outstanding Cab Design GT-EXPRESS CAB™

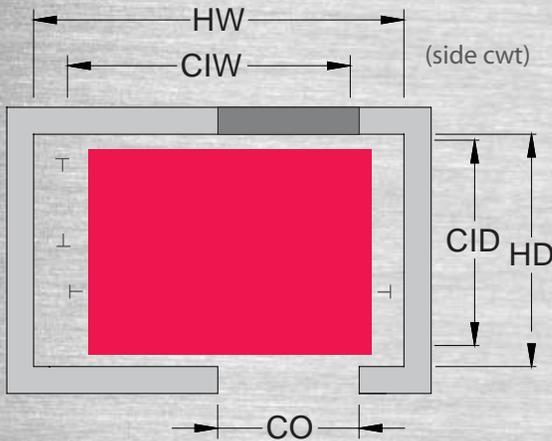
- Stainless Steel Cab Front, Doors, Reveals, Kick Bases
- Satin Stainless Steel Modular Shell Cab
- Removable Plastic Laminate Wall Panels
- Attractive Standard Design

The only manufacturer to offer an upgraded standard cab design



Typical Stainless Steel #4 Push Buttons

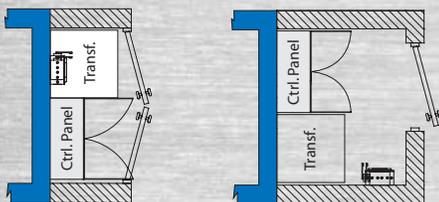
Planning Guide



| Speed fpm (m/s) | Overhead ⁵ | | Pit Depth P |
|-----------------|-------------------------|-------------|-----------------|
| | Minimum OH ⁴ | Recommended | |
| 150 (0.75) | 15' - 6" | 17' - 0" | 5'-6" (1676 mm) |
| 200 (1.00) | 15' - 6" | 17' - 0" | 5'-6" (1676 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 |
| Closest door | 5'-9" (1753) | 3'-0" (914) | 8'-0" (2438) |
| Single door | 5'-9" (1753) | 4'-9" (1448) | 8'-0" (2438) |

| | Type of Opening | Capacity | Hoistway Width | Hoistway Depth | Cab Inside Width | Cab Inside Depth | Clear Opening |
|--|-----------------------|--------------------|-----------------|------------------|------------------|------------------|-----------------------------|
| | | | HW ¹ | HD | CIW | CID | CO ² |
| FRONT Opening PASSENGER | SSP - CO ³ | 2000 lbs (900 kg) | 7'-8" (2337) | 5'-10" (1778) | 5'-8" (1727) | 4'-3" (1295) | 3'-0" x 7'-0" (914 x 2134) |
| | SSP - CO | 2500 lbs (1134 kg) | 8'-8" (2642) | 5'-10" (1778) | 6'-8" (2032) | 4'-3" (1295) | 3'-6" x 7'-0" (1067 x 2134) |
| FRONT & REAR Opening PASSENGER | SSP - CO ³ | 2000 lbs (900 kg) | 7'-8" (2337) | 6'-7 1/4" (2013) | 5'-8" (1727) | 4'-3 3/4" (1314) | 3'-0" x 7'-0" (914 x 2134) |
| | SSP - CO | 2500 lbs (1134 kg) | 8'-8" (2642) | 6'-7 1/4" (2013) | 6'-8" (2032) | 4'-3 3/4" (1314) | 3'-6" x 7'-0" (1067 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.

Global-Tardif reserves the right to change specifications without notice

ver. Sept. 2009