

ALLIANCE  
ELEVATOR SOLUTIONS

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ELEVATORS; SIMPLIFIED

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PLANNING  
GUIDE



# MRL Family

## Low Rise

### The EDGE MRL™ (Rail Supported):

The EDGE MRL™ utilizes the Torin gearless machine and boasts the tightest non-proprietary hoistway dimensions in the industry.

#### Advantages:

- Saves on valuable floor space
- Greater power efficiency
- Superior performance and ride quality
- Reduction on the elevator power feeder
- Standard & custom dimensions/interiors available

#### Equipment Capabilities:

- Passenger and service cars
- Capacities from 2,100 - 3,500 lbs
- Speeds from 100 FPM to 350 FPM
- Travel up to 50 ft



# MRL FAMILY

## The EDGE MRL™ (Rail Supported)

Capacity (lbs.)	Openings (Front/Rear)	Platform Size W x D (min)	Hoistway Size W x D (min)	Clear Opening	Clear Inside W x D (min)	SSSO Door	SSCO Door	2SSO Door
<b>Front Opening Dimensions</b>								
P2100	F	6'-0" X 5'-1"	7'-8" X 5'-10"	3'-0"	5'-8" X 4'-3"	X		
P2500	F	7'-0" X 5'-1"	8'-8" X 5'-10"	3'-6"	6'-8" X 4'-3"	X	X	
P3000	F	7'-0" X 5'-6"	8'-8" X 6'-3"	3'-6"	6'-8" X 4'-8"	X	X	
P3500	F	7'-0" X 6'-3"	8'-8" X 7'-0"	3'-6"	6'-8" X 5'-5"	X	X	
<b>Front &amp; Rear Opening Dimensions</b>								
P2100	F&R	6'-0" X 5'-8"	7'-8" X 6'-8½"	3'-0"	5'-8" X 4'-4"	X		
P2500	F&R	7'-0" X 5'-8"	8'-8" X 6'-8½"	3'-6"	6'-8" X 4'-4"	X	X	
P3000	F&R	7'-0" X 5'-11"	8'-8" X 6'-11½"	3'-6"	6'-8" X 4'-7"	X	X	
P3500	F&R	7'-0" X 6'-9"	8'-8" X 7'-9½"	3'-6"	6'-8" X 5'-5"	X	X	

- Hoistway dimensions are minimum clear inside requirements. Shorter installation times can be obtained by increasing these dimensions by up to 2". For seismic zone 2 and and up, add 2" to hoistway width to comply with Code requirements. Due to space limitations Rail Supported Elevator use compensation chain to avoid use of the counterweight guard.
- Use of 8mm and 10mm ropes for traction elevator was approved by ASME A17.7 - effective 1st July 2010.
- New York City Building Department has issued new rules governing the overhead requirements for MRL's. Please contact a Alliance Elevator Solutions representative.

#### Pit and Overhead Minimum Requirements for Cars with 8'-0" Cab Height

Speed	P2100		P2500		P3000		P3500	
	Pit	O.H.	Pit	O.H.	Pit	O.H.	Pit	O.H.
100 FPM*	5'-0"	14'-6"/14'-0"	5'-0"	14'-6"/14'-0"	5'-0"	14'-6"/14'-0"	5'-0"	14'-6"/14'-0"
150 FPM*	5'-0"	14'-6"/14'-1"	5'-0"	14'-6"/14'-1"	5'-0"	14'-6"/14'-1"	5'-0"	14'-6"/14'-1"
200 FPM*	5'-0"	14'-9"/14'-3"	5'-0"	14'-9"/14'-3"	5'-0"	14'-9"/14'-3"	5'-0"	14'-9"/14'-3"
250 FPM*	5'-6"	15'-0"/14'-6"	5'-6"	15'-0"/14'-6"	5'-6"	15'-0"/14'-6"	5'-6"	15'-0"/14'-6"
300 FPM*	5'-6"	15'-1"/14'-7"	5'-6"	15'-1"/14'-7"	5'-6"	15'-1"/14'-7"	5'-6"	15'-1"/14'-7"
350 FPM*	5'-6"	15'-4"/14'-10"	5'-6"	15'-4"/14'-10"	5'-6"	15'-4"/14'-10"	5'-6"	15'-4"/14'-10"

- Rail Supported MRL designed with Torin TPM series machine.
- \*Spring buffers for car and counterweight / \*\*Oil buffers for car and counterweight. Based on ASME A17.1.
- O.H. Left column has spring or oil buffers with 6" Runby/Right Column has all oil buffers with 0" Runby.
- Note: For cars with tall cabs add 1" to O.H. for every inch of cab height added.



# MRL Family

## Mid Rise

### The EDGE MRL™ (Frame Building Supported):

The EDGE MRL™ utilizes the Torin gearless machine and boasts the tightest non-proprietary hoistway dimensions in the industry.

#### Advantages:

- Saves on valuable floor space
- Greater power efficiency
- Superior performance and ride quality
- Reduction on the elevator power feeder
- Standard & custom dimensions/interiors available

#### Equipment Capabilities:

- Passenger and service cars
- Capacities from 2,100 - 3,500 lbs
- Speeds from 100 FPM to 350 FPM
- Travel up to 200 ft
- \*Machine beam pockets are required in the hoistway walls.

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# MRL FAMILY

## The EDGE MRL™ (Frame Building Supported)

Capacity (lbs.)	Openings (Front/Rear)	Platform Size W x D (min)	Hoistway Size W x D (min)	Clear Opening	Clear Inside W x D (min)	SSSO Door	SSCO Door	2SSO Door
<b>Front Opening Dimensions</b>								
P2100	F	6'-0" X 5'-1"	7'-8" X 5'-10"	3'-0"	5'-8" X 4'-3"	X		
P2500	F	7'-0" X 5'-1"	8'-8" X 5'-10"	3'-6"	6'-8" X 4'-3"	X	X	
P3000	F	7'-0" X 5'-6"	8'-8" X 6'-3"	3'-6"	6'-8" X 4'-8"	X	X	
P3500	F	7'-0" X 6'-3"	8'-8" X 7'-0"	3'-6"	6'-8" X 5'-5"	X	X	
<b>Front &amp; Rear Opening Dimensions</b>								
P2100	F&R	6'-0" X 5'-8"	7'-8" X 6'-8½"	3'-0"	5'-8" X 4'-4"	X		
P2500	F&R	7'-0" X 5'-8"	8'-8" X 6'-8½"	3'-6"	6'-8" X 4'-4"	X	X	
P3000	F&R	7'-0" X 5'-11"	8'-8" X 6'-11½"	3'-6"	6'-8" X 4'-7"	X	X	
P3500	F&R	7'-0" X 6'-9"	8'-8" X 7'-9½"	3'-6"	6'-8" X 5'-5"	X	X	

- Hoistway dimensions are minimum clear inside requirements. Shorter installation times can be obtained by increasing these dimensions by up to 2". For seismic zone 2 and and up, add 4" to hoistway width to comply with Code requirements. Due to space limitations Frame Building Supported Elevator use compensation chain to avoid use of the counterweight guard.
- Use of 8mm and 10mm ropes for traction elevator was approved by ASME A17.7 - effective 1st July 2010.
- New York City Building Department has issued new rules governing the overhead requirements for MRL's. Please contact a Alliance Elevator Solutions representative.

#### Pit and Overhead Minimum Requirements for Cars with 8'-0" Cab Height

Speed	P2100		P2500		P3000		P3500	
	Pit	O.H.	Pit	O.H.	Pit	O.H.	Pit	O.H.
100 FPM*	5'-0"	14'-6"/14'-0"	5'-0"	14'-6"/14'-0"	5'-0"	14'-6"/14'-0"	5'-0"	14'-6"/14'-0"
150 FPM*	5'-0"	14'-6"/14'-1"	5'-0"	14'-6"/14'-1"	5'-0"	14'-6"/14'-1"	5'-0"	14'-6"/14'-1"
200 FPM*	5'-0"	14'-9"/14'-3"	5'-0"	14'-9"/14'-3"	5'-0"	14'-9"/14'-3"	5'-0"	14'-9"/14'-3"
250 FPM*	5'-6"	15'-0"/14'-6"	5'-6"	15'-0"/14'-6"	5'-6"	15'-0"/14'-6"	5'-6"	15'-0"/14'-6"
300 FPM*	5'-6"	15'-1"/14'-7"	5'-6"	15'-1"/14'-7"	5'-6"	15'-1"/14'-7"	5'-6"	15'-1"/14'-7"
350 FPM*	5'-6"	15'-4"/14'-10"	5'-6"	15'-4"/14'-10"	5'-6"	15'-4"/14'-10"	5'-6"	15'-4"/14'-10"

- Rail Supported MRL designed with Torin TPM series machine.
- \*Spring buffers for car and counterweight / \*\*Oil buffers for car and counterweight. Based on ASME A17.1.
- O.H. Left column has spring or oil buggers with 6" Runby/Right Column has all oil buffers with 0" Runby.
- Note: For cars with tall cabs add 1" to O.H. for every inch of cab height added.



# MRL Family

## Mid Rise

### The EDGE MRL™ (Building Supported):

The EDGE MRL™ utilizes the Torin gearless machine and boasts the tightest non-proprietary hoistway dimensions in the industry.

#### Advantages:

- Saves on valuable floor space
- Greater power efficiency
- Superior performance and ride quality
- Reduction on the elevator power feeder
- Standard & custom dimensions/interiors available

#### Equipment Capabilities:

- Passenger and service cars
- Capacities from 2,100 - 5,000 lbs
- Speeds from 100 FPM to 500 FPM
- Travel up to 300 ft
- \*Machine beam pockets are required in the hoistway walls.



# MRL FAMILY

## The EDGE MRL™ (Building Supported)

Capacity (lbs.)	Openings (Front/Rear)	Platform Size W x D (min)	Hoistway Size W x D (min)	Clear Opening	Clear Inside W x D (min)	SSSO Door	SSCO Door	2SSO Door
<b>Front Opening Dimensions</b>								
P2100	F	6'-0" X 5'-1"	7'-6" X 6'-5"	3'-0"	5'-8" X 4'-3"	X		
P2500	F	7'-0" X 5'-1"	8'-6" X 6'-5½"	3'-6"	6'-8" X 4'-3"	X	X	
P3000	F	7'-0" X 5'-6"	8'-6" X 6'-8"	3'-6"	6'-8" X 4'-8"	X	X	
P3500	F	7'-0" X 6'-3"	8'-6" X 7'-0"	3'-6"	6'-8" X 5'-5"	X	X	
P4000	F	8'-0" X 6'-3"	9'-7" X 7'-0"	3'-0"   4'-0"	7'-8" X 5'-5"	X	X   X	
S3500	F	5'-4" X 8'-4"	6'-10" X 9'-3"	3'-6"	5'-0" X 7'-4"			X
S4000	F	6'-0" X 8'-5"	7'-6" X 9'-3"	4'-0"	5'-8" X 7'-5"			X
S4500	F	6'-0" X 8'-9"	7'-6" X 9'-7"	4'-0"	5'-8" X 7'-9"			X
S5000	F	6'-0" X 9'-8"	7'-6" X 10'-6"	4'-0"	5'-8" X 8'-8"			X
<b>Front &amp; Rear Opening Dimensions</b>								
P2100	F&R	6'-0" X 5'-8"	7'-6" X 6'-8½"	3'-0"	5'-8" X 4'-4"	X		
P2500	F&R	7'-0" X 5'-8"	8'-6" X 6'-8½"	3'-6"	6'-8" X 4'-4"	X	X	
P3000	F&R	7'-0" X 6'-5"	8'-6" X 7'-5½"	3'-6"	6'-8" X 5'-1"	X	X	
P3500	F&R	7'-0" X 6'-9"	8'-6" X 7'-9½"	3'-6"	6'-8" X 5'-5"	X	X	
P4000	F&R	8'-0" X 6'-9"	9'-7" X 7'-9½"	3'-0"   4'-0"	7'-8" X 5'-5"	X	X   X	
S3500	F&R	5'-4" X 9'-0"	6'-10" X 10'-3½"	3'-6"	5'-0" X 7'-4"			X
S4000	F&R	6'-0" X 9'-1"	7'-6" X 10'-4½"	4'-0"	5'-8" X 7'-5"			X
S4500	F&R	6'-0" X 9'-6"	7'-6" X 10'-9½"	4'-0"	5'-8" X 7'-10"			X
S5000	F&R	6'-0" X 10'-4"	7'-6" X 11'-7½"	4'-0"	5'-8" X 8'-8"			X

#### Pit and Overhead Minimum Requirements for Cars with 8'-0" Cab Height

Speed	P2100, P2500, P3000, P3500		P4000, S4000, S4500, S5000	
	Pit	O.H.	Pit	O.H.
100 FPM*	5'-0"	16'-1"/15'-8"	5'-0"	15'-7"/15'-2"
150 FPM*	5'-0"	16'-2"/15'-8"	5'-0"	15'-8"/15'-2"
200 FPM*	5'-0"	16'-4"/15'-9"	5'-0"	15'-10"/15'-3"
250 FPM*	5'-6"	16'-8"/16'-2"	5'-6"	16'-2"/15'-8"
300 FPM*	5'-6"	16'-8"/16'-2"	5'-6"	16'-2"/15'-8"
350 FPM*	5'-6"	17'-0"/16'-6"	5'-6"	16'-6"/16'-0"
400 FPM*	5'-9"	16'-9"/16'-3"	6'-0"	16'-9"/16'-3"
450 FPM*	6'-3"	17'-4"/16'-10"	6'-6"	17'-4"/16'-10"
500 FPM*	6'-3"	17'-6"/17'-0"	6'-6"	17'-6"/17'-0"

- Rail Supported MRL designed with Torin TPM series machine.
- O.H. Left column has spring or oil buggers with 6" Runby/Right Column has all oil buffers with 0" Runby.
- Note: For cars with tall cabs add 1" to O.H. for every inch of cab height added.

\*Spring buffers for car and counterweight  
\*\*Oil buffers for car and counterweight. Based on ASME A17.1.

- Hoistway dimensions are minimum clear inside requirements. Shorter installation times can be obtained by increasing these dimensions by up to 2". For seismic zone 2 and and up, add 4" to hoistway width to comply with Code requirements. Due to space limitations Frame Building Supported Elevator use compensation chain to avoid use of the counterweight guard.
- Use of 8mm and 10mm ropes for traction elevator was approved by ASME A17.7 - effective 1st July 2010.
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## MRL Family Mid Rise

### The EDGE MRL™ (Overslung/Cornerpost):

The EDGE MRL™ utilizes the Torin gearless machine and boasts the tightest non-proprietary hoistway dimensions in the industry.

#### Advantages:

- Saves on valuable floor space
- Greater power efficiency
- Superior performance and ride quality
- Reduction on the elevator power feeder
- Multiple door configurations available
- Standard & custom dimensions/interiors available

#### Equipment Capabilities:

- Passenger and service cars
- Capacities from 2,100 - 3,500 lbs
- Speeds from 100 FPM to 350 FPM
- Travel up to 300 ft
- \*Machine beam pockets are required in the hoistway walls.



## MRL FAMILY

The EDGE MRL™ (Overslung/Cornerpost)

#### Equipment Included:

- Gearless MRL PM Torin machine
- Governor and tail sheave
- Overhead beams, machine bedplate, hitch plates, governor plate
- Factory pre-assembled overhead machine frame
- Counterweight frame and weights
- Car & cwt roller guides with mounting plates
- Sling including:
  - Crosshead
  - Stiles
  - Bolsters
  - Brace rods
  - Strike plates
- Platform with toe guard
- Buffer stands, spring or oil buffers
- Safeties
- Underslung assembly with deflector sheaves
- Guide rails, rail brackets with spreader plates, clips and fasteners
- Car & cwt ropes and wedge sockets
- Limit switches, mounting brackets & cam
- All hardware included in labeled bags

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# MRL Family

## Low Rise

### The ADVANTAGE MRL™:

The ADVANTAGE MRL™ utilizes the first in-pit non-proprietary power unit, allowing it to fit in standard hydraulic hoistways. This is the ideal elevator solution for many office and mixed-use buildings with a budget.

#### Advantages:

- Saves on valuable floor space
- Cost effective
- Low True cost of ownership
- Standard & custom dimensions/interiors available

#### Equipment Capabilities:

- Passenger cars
- Capacities from 2,100 - 4,500 lbs
- Speeds up to 100 FPM
- Travel up to 30 ft



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# MRL FAMILY

## The ADVANTAGE MRL™

### Low Capacity Standard Dimension & Specification Chart

Capacity (lbs.)	Openings (Front/Rear)	Door Type and Width	Platform Size W x D (min)	Hoistway Depth Platform Plus	Hoistway Size W x D (min)	Clear Inside W x D (min)	Running Clearance Sill/Plat	Sill Depth Required
2100	F	1SP 36"	6'-0" x 5'-1"	9"	7'-4" x 5'-10"	5'-8" x 4'-3"	1"	5"
2100	F&R	1SP 36"	6'-0" x 5'-8"	12"	7'-4" x 6'-8"	5'-8" x 4'-4"	1"	5"
2500	F	1SP 42"	7'-0" x 5'-1"	9"	8'-4" x 5'-10"	6'-8" x 4'-3"	1"	5"
2500	F&R	1SP 42"	7'-0" x 5'-8"	12"	8'-4" x 6'-8"	6'-8" x 4'-4"	1"	5"
3000	F	1SP 42"	7'-0" x 5'-16"	9"	8'-4" x 6'-3"	6'-8" x 4'-8"	1"	5"
3000	F&R	1SP 42"	7'-0" x 5'-11"	12"	8'-4" x 6'-11"	6'-8" x 4'-7"	1"	5"
3500	F	1SP 42"	7'-0" x 6'-3"	9"	8'-4" x 7'-0"	6'-8" x 5'-5"	1"	5"
3500	F&R	1SP 42"	7'-0" x 6'-9"	12"	8'-4" x 7'-9"	6'-8" x 5'-5"	1"	5"
3500H	F	2SP 42"	5'-4" x 8'-4"	11"	6'-8" x 9'-3"	5'-0" x 7'-4"	1"	6 1/2"
3500H	F&R	2SP 42"	5'-4" x 9'-0"	15"	6'-8" x 10'-3"	5'-0" x 7'-4"	1"	6 1/2"
4000	F	1SP 48"	8'-0" x 6'-3"	9"	9'-4" x 6'-11"	7'-8" x 5'-4"	1"	5"
4000	F&R	1SP 48"	8'-0" x 6'-9"	12"	9'-4" x 7'-8"	7'-8" x 5'-4"	1"	5"
4000H	F	2SP 48"	6'-0" x 8'-5"	11"	7'-4" x 9'-3"	5'-8" x 7'-5"	1"	6 1/2"
4000H	F&R	2SP 48"	6'-0" x 9'-1"	15"	7'-4" x 10'-4"	5'-8" x 7'-5"	1"	6 1/2"
4500H	F	2SP 48"	6'-0" x 8'-9"	11"	7'-4" x 9'-7"	5'-8" x 7'-9"	1"	6 1/2"
4500H	F&R	2SP 48"	6'-0" x 9'-6"	15"	7'-4" x 10'-9"	5'-8" x 7'-10"	1"	6 1/2"
5000H	F	2SP 48"	6'-0" x 9'-8"	11"	7'-6" x 10'-7"	5'-8" x 8'-8"	1"	6 1/2"
5000H	F&R	2SP 48"	6'-0" x 10'-4"	15"	7'-6" x 11'-7"	5'-8" x 8'-8"	1"	6 1/2"

#### APPROXIMATE CLEAR INSIDE DIMENSIONS OF CAB

Width = Platform Width less than 4"

#### Depth = Front Open Only

SSSO & CO Doors = Platform Depth Less 10"  
2SSO Doors = Platform Depth less 12"

#### Depth = Front & Rear Open

SSSO & CO Doors = Platform Depth Less 16"  
2SSO Doors = Platform Depth less 20"

#### D.B.G. (Distance Between Guides)

Platform Width plus 3 1/4" 12# / 15# rail depth = 3 1/2"

#### OVERHEAD REQUIRED - QUICK CALCULATION

##### SINGLE STAGE JACKS

Up to 100 FPM:  
Pit Depth = 4'-0" or 5'-0"  
Overhead = 12'-6"  
Top Over Travel = 3.5"  
Bottom Over Travel = 5.0"  
Max. Travel = 13'-10"  
Max. "Overall" Cab Height = 8'-6"

##### 101-125 FPM:

Pit Depth = 4'-0" or 5'-0"  
Overhead = 12'-6"  
Top Over Travel = 4.25"  
Bottom Over Travel = 7.25"  
Max. Travel = 13'-4"  
Max. "Overall" Can Height = 8'-6"

##### TWO STAGE JACKS

Up to 100 FPM:  
Pit Depth = 4'-0" or 5'-0"  
Overhead = 12'-6"  
Top Over Travel = 7.5"  
Bottom Over travel = 5.5"  
Max. Travel = 24'-4"  
Max. "Overall" Cab Height = 8'-2"

##### 101-125 FPM:

Pit Depth = 4'-0" or 5'-0"  
Overhead = 12'-6"  
Top Over Travel = 9.0"  
Bottom Over Travel = 7.0"  
Max. Travel = 24'-4"  
Max. "Overall" Cab Height = 8'-2"



# Overhead Traction Mid Rise

## The OT™ Line:

The overhead traction elevator is the workhorse of most mid and high-rise buildings. AES has earned the respect of many architects who have specified these robust machines throughout North America. From offices to mixed-use and hospitality locations, our mid-rise track record is proof of our experience and capabilities.

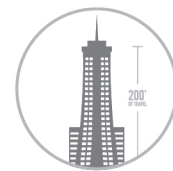
### Advantages:

- Faster Speed Capability
- Smooth ride
- More efficient than hydraulic
- No hydraulic oil needed
- Proven performance track record
- Standard & custom dimensions/interiors available

### Equipment Capabilities:

- Passenger and service cars
- Capacities from 2,100 - 5,000 lbs
- Speeds up to 350 FPM
- Unlimited travel range
- Machine (penthouse) is required

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# OVERHEAD TRACTION Mid Rise

Capacity (lbs.)	Openings (Front/Rear)	Door Type and Width	Platform Size W x D (min)	Max Speed (FPM)	Hoistway Size W x D (min)	Clear Inside W x D (min)	Minimum Overhead	Minimum Pit Depth
<b>Counterweight at Rear</b>								
2100	F	1SP 36"	6'-0" X 5'-1"	350	7'-4" X 6'-8"	5'-8" X 4'-3"	16'-0"	5'-2"
2500	F	1SP 42"	7'-0" X 5'-1"	350	8'-4" X 6'-8"	6'-8" X 4'-3"	16'-0"	5'-2"
3000	F	1SP 42"	7'-0" X 5'-6"	350	8'-4" X 7'-1"	6'-8" X 4'-8"	16'-0"	5'-2"
3500	F	1SP 42"	7'-0" X 6'-3"	350	8'-4" X 7'-10"	6'-8" X 5'-5"	16'-0"	5'-2"
4000	F	1SP 48"	8'-0" X 6'-3"	350	9'-4" X 7'-10"	7'-8" X 5'-5"	16'-0"	5'-2"
<b>Counterweight at Side</b>								
2100	F	1SP 36"	6'-0" X 5'-1"	350	8'-4" X 5'-10"	5'-8" X 4'-3"	16'-0"	5'-2"
2500	F	1SP 42"	7'-0" X 5'-1"	350	9'-4" X 5'-10"	6'-8" X 4'-3"	16'-0"	5'-2"
3000	F	1SP 42"	7'-0" X 5'-6"	350	9'-4" X 6'-3"	6'-8" X 4'-8"	16'-0"	5'-2"
3500	F	1SP 42"	7'-0" X 6'-3"	350	9'-4" X 7'-0"	6'-8" X 5'-5"	16'-0"	5'-2"
3500	F&R	1SP 42"	8'-0" X 6'-9"	350	9'-4" X 7'-9½"	7'-8" X 5'-5"	16'-0"	5'-2"
4000	F	1SP 48"	8'-0" X 6'-3"	350	10'-4" X 7'-0"	7'-8" X 5'-5"	16'-0"	5'-2"
4000	F&R	1SP 48"	8'-0" X 6'-9"	350	10'-4" X 6'-9½"	7'-8" X 5'-5"	16'-0"	5'-2"
3500H	F	2SP 42"	5'-4" X 8'-4"	350	7'-2" X 9'-2"	5'-0" X 7'-4"	16'-0"	5'-2"
3500H	F&R	2SP 42"	5'-4" X 9'-0"	350	7'-2" X 10'-3½"	5'-0" X 7'-4"	16'-0"	5'-2"
400H	F	2SP 48"	6'-0" X 8'-5"	350	7'-10" X 9'-3"	5'-8" X 7'-5"	16'-0"	5'-2"
4000H	F&R	2SP 48"	6'-0" X 9'-1"	350	7'-10" X 10'-4½"	5'-8" X 7'-5"	16'-0"	5'-2"
4500H	F	2SP 48"	6'-0" X 8'-9"	350	7'-10" X 9'-7"	5'-8" X 7'-9"	16'-0"	5'-2"
4500H	F&R	2SP 48"	6'-0" X 9'-6"	350	7'-10" X 10'-9½"	5'-8" X 7'-10"	16'-0"	5'-2"
5000H	F	2SP 48"	6'-0" X 9'-8"	350	7'-10" X 10'-7"	5'-8" X 8'-8"	16'-0"	5'-2"
5000H	F&R	2SP 48"	6'-0" X 10'-4"	350	7'-10" X 11'-7½"	5'-8" X 8'-8"	16'-0"	5'-2"

Based on car speed of 200 FPM  
Cab Height = 8' -0"  
For seismic applications add 3" to hoistway width

Speeds exceeding 200 FPM require additional overhead and pit depth. Minimum pit depth is based on the use of spring buffers. Add 5" to pit depth if oil buffers are required or car speed exceeds 200 FPM

225 FPM = add 6" of overhead and 5" of pit depth  
250 FPM = add 7" of overhead and 5" of pit depth  
300 FPM = add 8" of overhead and 5" of pit depth  
250 FPM = add 10" of overhead and 5" of pit depth

Maximum\* Inside Net Platform Areas for the Various Rated Loads

Rated Load (lbs.)	Inside Net Platform Area (ft²)
500	7.0
600	8.3
700	9.6
1,000	13.25
1,200	15.6
1,500	18.9
1,800	22.1
2,000	24.2
2,500	29.1
3,000	33.7
3,500	38.0
4,000	42.2
4,500	46.2
5,000	50.0
6,000	57.7
7,000	65.3
8,000	72.9
9,000	80.5
10,000	88.0
12,000	103.0
15,000	125.1
18,000	146.9
20,000	161.2
25,000	196.5
30,000	231.0

\*To allow for variations in cab designs, and increase in the maximum inside net platform areas not exceeding 5% shall be permitted for the various rated loads. General Note: 1lb. = 0.454kg - 1ft² = 0.0929m²



# Hydraulic Low Rise

## The ADVANTAGE™ Hydraulic Line (In-Ground):

Designing hundreds of our ADVANTAGE™ hydraulic elevator packages and installing them all over North America has shown us that this low-rise package is the true powerhouse of its family.

### Advantages:

- High value
- Quick lead times
- Robust equipment
- Standard & custom dimensions/interiors available

### Equipment Capabilities:

- Passenger and service cars
- Capacities from 2,100 - 5,000 lbs
- Speeds from 100 FPM to 150 FPM
- Travel range up to 60 ft

**ALLIANCE**  
ELEVATOR SOLUTIONS



# HYDRAULIC

The ADVANTAGE™ (In-Ground)

### Low Capacity Standard Dimension & Specification Chart

Capacity (lbs.)	Openings (Front/Rear)	Door Type and Width	Platform Size W x D (min)	Hoistway Depth Platform Plus	Hoistway Size W x D (min)	Clear Inside W x D (min)	Running Clearance Sill/Plat	Sill Depth Required
2100	F	1SP 36"	6'-0" x 5'-1"	9"	7'-4" x 5'-10"	5'-8" x 4'-3"	1"	5"
2100	F&R	1SP 36"	6'-0" x 5'-8"	12"	7'-4" x 6'-8"	5'-8" x 4'-4"	1"	5"
2500	F	1SP 42"	7'-0" x 5'-1"	9"	8'-4" x 5'-10"	6'-8" x 4'-3"	1"	5"
2500	F&R	1SP 42"	7'-0" x 5'-8"	12"	8'-4" x 6'-8"	6'-8" x 4'-4"	1"	5"
3000	F	1SP 42"	7'-0" x 5'-16"	9"	8'-4" x 6'-3"	6'-8" x 4'-8"	1"	5"
3000	F&R	1SP 42"	7'-0" x 5'-11"	12"	8'-4" x 6'-11"	6'-8" x 4'-7"	1"	5"
3500	F	1SP 42"	7'-0" x 6'-3"	9"	8'-4" x 7'-0"	6'-8" x 5'-5"	1"	5"
3500	F&R	1SP 42"	7'-0" x 6'-9"	12"	8'-4" x 7'-9"	6'-8" x 5'-5"	1"	5"
3500H	F	2SP 42"	5'-4" x 8'-4"	11"	6'-8" x 9'-3"	5'-0" x 7'-4"	1"	6 ½"
3500H	F&R	2SP 42"	5'-4" x 9'-0"	15"	6'-8" x 10'-3"	5'-0" x 7'-4"	1"	6 ½"
4000	F	1SP 48"	8'-0" x 6'-3"	9"	9'-4" x 7'-0"	7'-8" x 5'-5"	1"	5"
4000	F&R	1SP 48"	8'-0" x 6'-9"	12"	9'-4" x 7'-9"	7'-8" x 5'-5"	1"	5"
4000H	F	2SP 48"	6'-0" x 8'-5"	11"	7'-4" x 9'-3"	5'-8" x 7'-5"	1"	6 ½"
4000H	F&R	2SP 48"	6'-0" x 9'-1"	15"	7'-4" x 10'-4"	5'-8" x 7'-5"	1"	6 ½"
4500H	F	2SP 48"	6'-0" x 8'-9"	11"	7'-4" x 9'-7"	5'-8" x 7'-9"	1"	6 ½"
4500H	F&R	2SP 48"	6'-0" x 9'-6"	15"	7'-4" x 10'-9"	5'-8" x 7'-10"	1"	6 ½"
5000H	F	2SP 48"	6'-0" x 9'-8"	11"	7'-6" x 10'-7"	5'-8" x 8'-8"	1"	6 ½"
5000H	F&R	2SP 48"	6'-0" x 10'-4"	15"	7'-6" x 11'-7"	5'-8" x 8'-8"	1"	6 ½"

### OVERHEAD REQUIRED QUICK CALCULATION

- Regardless of what the travel is, the standard minimum overhead is 12' - 6". Consult your Alliance representative if your overhead is less than 12' - 6".

- For seismic zone 2 or greater application - increase hoistway width 2"

- For 1 ¼" running clearance, increase hoistway depth ½"

### APPROXIMATE CLEAR INSIDE DIMENSIONS OF CAB

Width = Platform Width less than 4"

#### Depth = Front Open Only

SSSO & CO Doors = Platform Depth Less 10"  
2SSO Doors = Platform Depth less 12"

#### Depth = Front & Rear Open

SSSO & CO Doors = Platform Depth Less 16"  
2SSO Doors = Platform Depth less 20"

### D.B.G. (Distance Between Guides)

Platform Width plus 3 ¼" 12# / 15# rail depth = 3 ½"

Pit Depth	4' - 0"
Piston Bottom Undertravel	12"
Car Speed	Up to 150 FPM
Cab Height	8' - 0"
Piston Top Overtravel	5"





**Hydraulic**  
Low Rise

## The ADVANTAGE™ Hydraulic Line (Twin Jack Holeless):

Designing hundreds of our ADVANTAGE™ hydraulic elevator packages and installing them all over North America has shown us that this low-rise package is the true powerhouse of its family.

### Advantages:

- High value
- Quick lead times
- Robust equipment
- Standard & custom dimensions/interiors available

### Equipment Capabilities:

- Passenger and service cars
- Capacities from 2,100 - 5,000 lbs
- Speeds from 100 FPM to 150 FPM
- Travel range up to 60 ft



**HYDRAULIC**  
The ADVANTAGE™ (Twin Jack Holeless)

### Low Capacity Standard Dimension & Specification Chart

Capacity (lbs.)	Openings (Front/Rear)	Door Type and Width	Platform Size W x D (min)	Hoistway Depth Platform Plus	Hoistway Size W x D (min)	Clear Inside W x D (min)	Running Clearance Sill/Plat	Sill Depth Required
2100	F	1SP 36"	6'-0" x 5'-1"	9"	7'-4" x 5'-10"	5'-8" x 4'-3"	1"	5"
2100	F&R	1SP 36"	6'-0" x 5'-8"	12"	7'-4" x 6'-8"	5'-8" x 4'-4"	1"	5"
2500	F	1SP 42"	7'-0" x 5'-1"	9"	8'-4" x 5'-10"	6'-8" x 4'-3"	1"	5"
2500	F&R	1SP 42"	7'-0" x 5'-8"	12"	8'-4" x 6'-8"	6'-8" x 4'-4"	1"	5"
3000	F	1SP 42"	7'-0" x 5'-16"	9"	8'-4" x 6'-3"	6'-8" x 4'-8"	1"	5"
3000	F&R	1SP 42"	7'-0" x 5'-11"	12"	8'-4" x 6'-11"	6'-8" x 4'-7"	1"	5"
3500	F	1SP 42"	7'-0" x 6'-3"	9"	8'-4" x 7'-0"	6'-8" x 5'-5"	1"	5"
3500	F&R	1SP 42"	7'-0" x 6'-9"	12"	8'-4" x 7'-9"	6'-8" x 5'-5"	1"	5"
3500H	F	2SP 42"	5'-4" x 8'-4"	11"	6'-8" x 9'-3"	5'-0" x 7'-4"	1"	6 1/2"
3500H	F&R	2SP 42"	5'-4" x 9'-0"	15"	6'-8" x 10'-3"	5'-0" x 7'-4"	1"	6 1/2"
4000	F	1SP 48"	8'-0" x 6'-3"	9"	9'-4" x 6'-11"	7'-8" x 5'-4"	1"	5"
4000	F&R	1SP 48"	8'-0" x 6'-9"	12"	9'-4" x 7'-8"	7'-8" x 5'-4"	1"	5"
4000H	F	2SP 48"	6'-0" x 8'-5"	11"	7'-4" x 9'-3"	5'-8" x 7'-5"	1"	6 1/2"
4000H	F&R	2SP 48"	6'-0" x 9'-1"	15"	7'-4" x 10'-4"	5'-8" x 7'-5"	1"	6 1/2"
4500H	F	2SP 48"	6'-0" x 8'-9"	11"	7'-4" x 9'-7"	5'-8" x 7'-9"	1"	6 1/2"
4500H	F&R	2SP 48"	6'-0" x 9'-6"	15"	7'-4" x 10'-9"	5'-8" x 7'-10"	1"	6 1/2"
5000H	F	2SP 48"	6'-0" x 9'-8"	11"	7'-6" x 10'-7"	5'-8" x 8'-8"	1"	6 1/2"
5000H	F&R	2SP 48"	6'-0" x 10'-4"	15"	7'-6" x 11'-7"	5'-8" x 8'-8"	1"	6 1/2"

### APPROXIMATE CLEAR INSIDE DIMENSIONS OF CAB

Width = Platform Width less than 4"

#### Depth = Front Open Only

SSSO & CO Doors = Platform Depth Less 10"  
2SSO Doors = Platform Depth less 12"

#### Depth = Front & Rear Open

SSSO & CO Doors = Platform Depth Less 16"  
2SSO Doors = Platform Depth less 20"

#### D.B.G. (Distance Between Guides)

Platform Width plus 3 1/4" 12# / 15# rail depth = 3 1/2"

### OVERHEAD REQUIRED - QUICK CALCULATION

#### SINGLE STAGE JACKS

Up to 100 FPM:  
Pit Depth = 4'-0"  
Overhead = 12'-6"  
Top Over Travel = 3.5"  
Bottom Over Travel = 5.0"  
Max. Travel = 13'-10"  
Max. "Overall" Cab Height = 8'-6"

#### 101-125 FPM:

Pit Depth = 4'-0"  
Overhead = 12'-6"  
Top Over Travel = 4.25"  
Bottom Over Travel = 7.25"  
Max. Travel = 13'-4"  
Max. "Overall" Can Height = 8'-6"

#### TWO STAGE JACKS

Up to 100 FPM:  
Pit Depth = 4'-0"  
Overhead = 12'-6"  
Top Over Travel = 7.5"  
Bottom Over travel = 5.5"  
Max. Travel = 24'-4"  
Max. "Overall" Cab Height = 8'-2"

#### 101-125 FPM:

Pit Depth = 4'-0"  
Overhead = 12'-6"  
Top Over Travel = 9.0"  
Bottom Over Travel = 7.0"  
Max. Travel = 24'-4"  
Max. "Overall" Cab Height = 8'-2"

**ALLIANCE**  
ELEVATOR SOLUTIONS



# Freight

## Low & Mid Rise

### Freight:

From lifting heavy pallets, to lifting a forklift with the pallets, AES's line of freight elevators will do your heavy lifting. Our team of freight professionals will guide you through design, development and delivery, making sure to create an elevator that fits your exact specifications.

#### Classes:



Class A: General Freight Loading



Class B: Motor Vehicle Loading



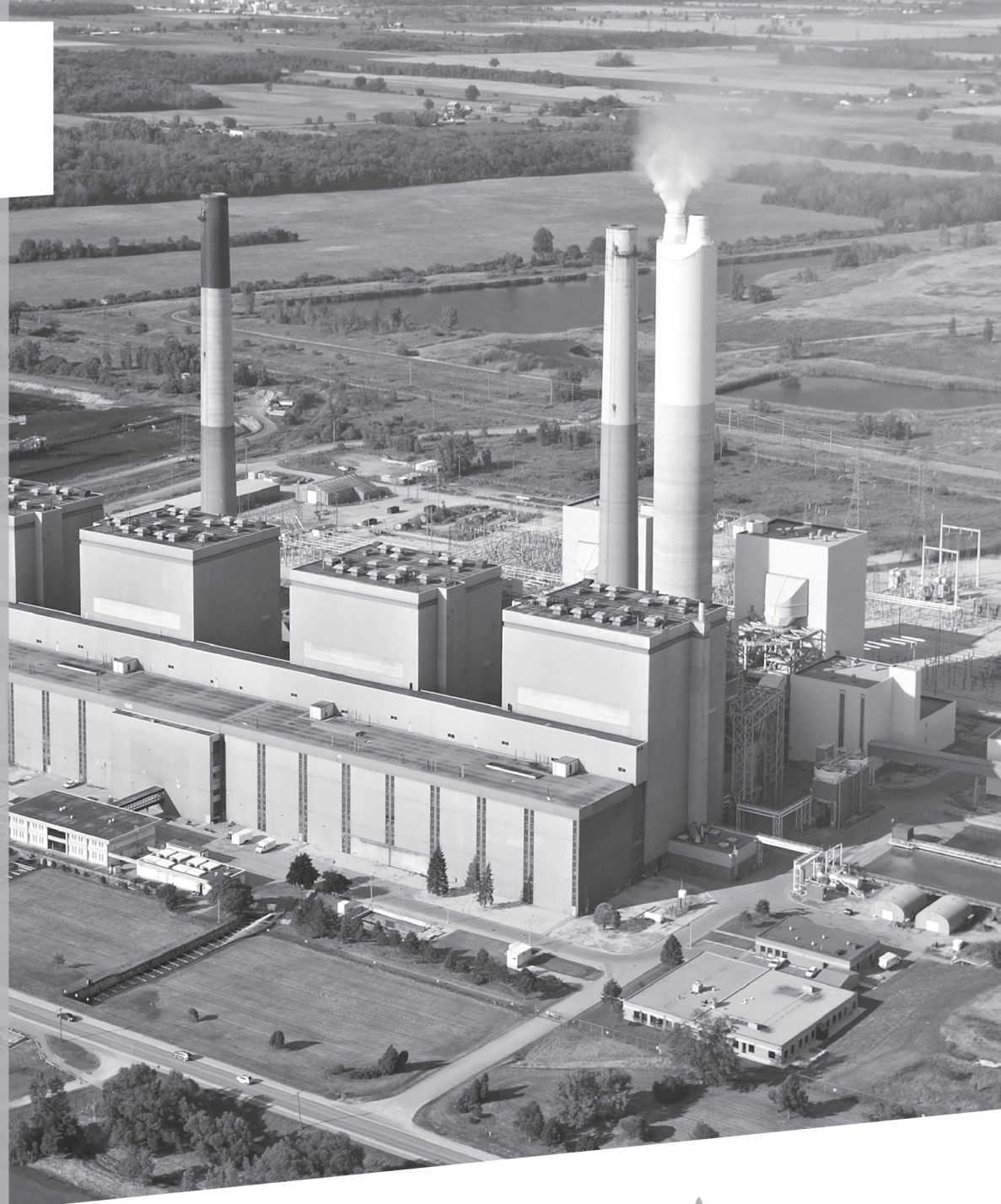
Class C1: Industrial Truck Loading  
(truck is carried)



Class C2: Industrial Truck Loading  
(truck is not carried)



Class C3: Concentrated Loading



# FREIGHT

## Low & Mid Rise

Capacity (lbs.)	Openings (Front/Rear)	Clear Door Width	Platform Size W x D (min)	Hoistway Depth Platform Plus	Hoistway Size W x D (min)	Clear Inside W x D (min)	Minimum Platform to Side Wall
<b>Class A &amp; C Loading</b>							
4000	F	5'-8"	6'-0" x 8'-0"	8"	7'-8" x 8'-8"	5'-8" x 7'-5"	10"
4000	F&R	5'-8"	6'-0" x 8'-0"	10"	7'-8" x 8'-10"	5'-8" x 7'-4"	10"
5000	F	6'-8"	7'-0" x 10'-0"	8"	8'-10" x 10'-8"	6'-8" x 9'-5"	11"
5000	F&R	6'-8"	7'-0" x 10'-0"	10"	8'-10" x 10'-10"	6'-8" x 9'-4"	11"
6000	F	8'-0"	8'-4" x 10'-0"	8"	10'-2" x 10'-8"	8'-0" x 9'-5"	11"
6000	F&R	8'-0"	8'-4" x 10'-0"	10"	10'-2" x 10'-10"	8'-0" x 9'-4"	11"
8000	F	8'-0"	8'-4" x 10'-0"	8"	10'-2" x 12'-8"	8'-0" x 11'-5"	11"
8000	F&R	8'-0"	8'-4" x 10'-0"	10"	10'-2" x 12'-10"	8'-0" x 11'-4"	11"
10000	F	10'-0"	10'-4" x 14'-0"	8"	12'-2" x 14'-8"	10'-0" x 13'-5"	11"
10000	F&R	10'-0"	10'-4" x 14'-0"	10"	12'-2" x 14'-10"	10'-0" x 13'-4"	11"
12000	F	12'-0"	12'-4" x 16'-0"	8"	14'-4" x 16'-8"	12'-0" x 15'-5"	12"
12000	F&R	12'-0"	12'-4" x 16'-0"	10"	14'-4" x 16'-10"	12'-0" x 15'-4"	12"
15000	F	12'-0"	12'-4" x 18'-0"	8"	14'-4" x 18'-8"	12'-0" x 17'-5"	12"
15000	F&R	12'-0"	12'-4" x 16'-0"	10"	14'-4" x 18'-10"	12'-0" x 17'-4"	12"
<b>Class B Motor Vehicle Loading</b>							
8000	F	9'-0"	9'-4" x 22'-0"	8"	11'-2" x 22'-8"	9'-0" x 21'-5"	11"
8000	F&R	9'-0"	9'-4" x 22'-0"	10"	11'-2" x 22'-10"	9'-0" x 21'-4"	11"
10000	F	10'-0"	10'-4" x 24'-0"	8"	12'-2" x 24'-8"	9'-0" x 23'-5"	11"
10000	F&R	10'-0"	10'-4" x 24'-0"	10"	12'-2" x 24'-10"	10'-0" x 23'-4"	11"

#### APPROXIMATE CLEAR INSIDE DIMENSIONS OF CAB

Width = Platform Width less than 4"

#### Depth = Front Open Only

Single-section gate = Platform Less 6 1/2"

Two-section gate = Platform less 8 1/2"

#### Depth = Front & Rear Open

Single-section gate = Platform Less 8 1/2"

Two-section gate = Platform less 13"

#### D.B.G. (Distance Between Guides)

Platform width plus 4"

#### DOOR, CAB AND CAR GATE HEIGHTS

The freight car door height is the same height as the clear inside cab height (typically minimum of 8'-0"). The standard (typical) vertical car gate is 1-section of 6'-0" high, sliding straight up to clear the cab height.

#### OVERHEAD AND PIT DEPTH QUICK CALCULATION

- Minimum overhead using single-section car gate = Cab height + (car height of 6'-0") + 6"
- Minimum pit depth using vertical bi-parting freight doors = 1/2 door height + 6"
- For seismic zone 2 or greater application - increase hoistway width 2"
- For 1 1/4" running clearance, increase hoistway depth 1/2"

# ALLIANCE

## ELEVATOR SOLUTIONS



**LU/LA**  
Low Rise

## The FUSION™ Line:

Our FUSION™ line of Limited Use/Limited Access elevators is an excellent option for ADA compliancy. It's also great for applications with low occupancy like schools, training facilities, churches, multi-family housing units, libraries and more!

### Advantages:

- Cost effective
- Traction/Hydraulic combination
- Safe & reliable equipment
- Smooth ride with quiet operation
- Modern fixtures
- Robust long lasting elevator
- Standard & custom dimensions/interiors available; custom application encouraged

### Equipment Capabilities:

- Passenger cars
- Capacities up to 1,400 lbs
- Speeds from 30-35 FPM
- Up to 50 ft travel range
- ADA compliant



**LU/LA**  
Low Rise

### SPECIFICATIONS

#### Power Supply Choices

- 220V, 1PH, 40 Amp, 60HZ
- 208V, 3 PH, 20 Amp, 60 HZ
- 600V, 3PH, 10 Amp, 60 HZ

#### Drive Type

- 2:1 Roped Hydraulic

#### Rated Load

- 1,400 lbs. weight capacity

#### Cab Size

- Up to 18 square feet (custom available)

#### Cab Height

- 86" standard cab height (custom available)

#### Travel Speed

- Rated speed of 30 feet/minute

#### Travel Height

- Up to 50 feet of travel, depending on local Codes

### STANDARD FEATURES

- ASME A17.1-2013 / CSA B44-13 Code Compliance
- Automatic or key control
- Commercial-grade fixtures & controls
- Braille/Tactile controls
- Illuminated push buttons
- Emergency lighting
- Reinforced, structural steel sling
- Rigid steel cab construction
- Fire rated automatic sliding doors
- Fire rated plastic-laminate wall panels
- Self-leveling
- Stainless steel handrail
- Emergency stop alarm
- Line rupture valve
- Emergency lowering/battery back-up system
- Hands-free ADA phone
- 36-month limited warranty
- Superior installation & technical support

### OPTIONAL FEATURES

- Inline, Thru-cab or 90-degree cab configurations
- Stainless steel & custom laminate cab finishes
- License/certificate frame
- Security options for floor access control

### STANDARD DIMENSIONS

- 42" x 60" Inline Cab
- 42" x 60" Thru Cab
- 48" x 54" Inline Cab
- 48" x 54" Thru Cab
- 51" x 51" 90-Degree

\*Custom dimensions available

**ALLIANCE**  
ELEVATOR SOLUTIONS



## Residential Low & Mid Rise

### The HOME™ Line:

Whether you've decided to build your dream home or enjoy the freedom of access to all levels of your current home, Alliance Elevator Solutions has the solution that will fit your lifestyle. The compact HOME™ model fits virtually any new or existing home. With an affordable purchase price, the HOME™ is more economical than you may expect. Take the step to make your house a home!

#### Advantages:

- Manual or automatic accordion cab or PowerFold automatic bi-folding gates
- Integrated safety locks protect against door opening without cab present
- Compact design fits even the tightest floor plans
- Safety Edge Cab senses objects between the cab gate and landing door
- Emergency 24V DC battery feature provides lowering, lighting and door opening in the event of a power outage
- Custom cab configurations are available to fit any special design requirement



# ALLIANCE

ELEVATOR SOLUTIONS



## RESIDENTIAL Low & Mid Rise

#### INCREASE YOUR HOME VALUE

It's proven that homes with elevators sell more quickly and for a greater value than those without. If the next buyer does not need or want the elevator, it can take on a second life as a dumb waiter or to transport goods from floor to floor.

#### SAFETY DOORS

All elevator doors use a CSA/UL approved electromechanical interlock, earning them a top rating in safety. The use of an electrical switch and mechanical lock ensures the door is closed and locked correctly before any elevator movement will happen. This also ensures that the elevator door can only be opened if the cab is on the correct landing.

#### SAFETY EDGE CAB

With safety in mind, all elevator models include an infrared light curtain designed to detect anything that may enter the small space between the cab gate and the landing door, which prevents any elevator movement until the obstacle is removed.

#### NO POWER, NO PROBLEM

If there is a power-outage, there is no need to worry. The elevator battery backup allows the cab to descend to any lower level by simply pressing the floor button, and there is a manual lowering option available on the power/pump unit. Each model is also designed with an emergency telephone that will allow the passenger to call for help or dial a toll free number for trouble shooting options.

#### NO WORRIES WARRANTY

You're covered for 36 months after purchase for any limited factory parts.

#### INEXPENSIVE OPERATION

Maintenance costs are very reasonable for the average user. The amount of use will dictate the frequency of service visits required, but once per year is recommended. The elevator consumes power at a rate similar to any other household appliances.

#### LONG LASTING & RELIABLE

Our elevators are designed and manufactured with commercial grade components for high traffic use. With regular service, your elevator will last many years without any major maintenance.

#### COMPACT DESIGN

Our design is created to work with any space and to keep the space we inhabit minimal. No matter the floor plan, we'll customize the elevator dimensions to fit as compactly as possible.

#### QUIET OPERATION

You may have an elevator in your home, but it doesn't have to make a grand announcement every time it runs. Our elevator is designed to engage the hydraulic pump only when raising the cab, keeping the noise level as quiet as your furnace.



## Smartrise controller:

Alliance is proud to exclusively offer the Smartrise controller on our EDGE™ and ADVANTAGE™ product lines.

Reducing parts and wiring in elevator controllers is a challenging feat, especially when considering the high standards of safety and efficiency required today. Smartrise has embraced this challenge and proven that their innovative technology is reliable, compliant, and eco-friendly as proven by the thousands of units installed throughout the United States.

### FEEDBACK:

Distance and velocity up to 6 car groups

### MAX FLOORS:

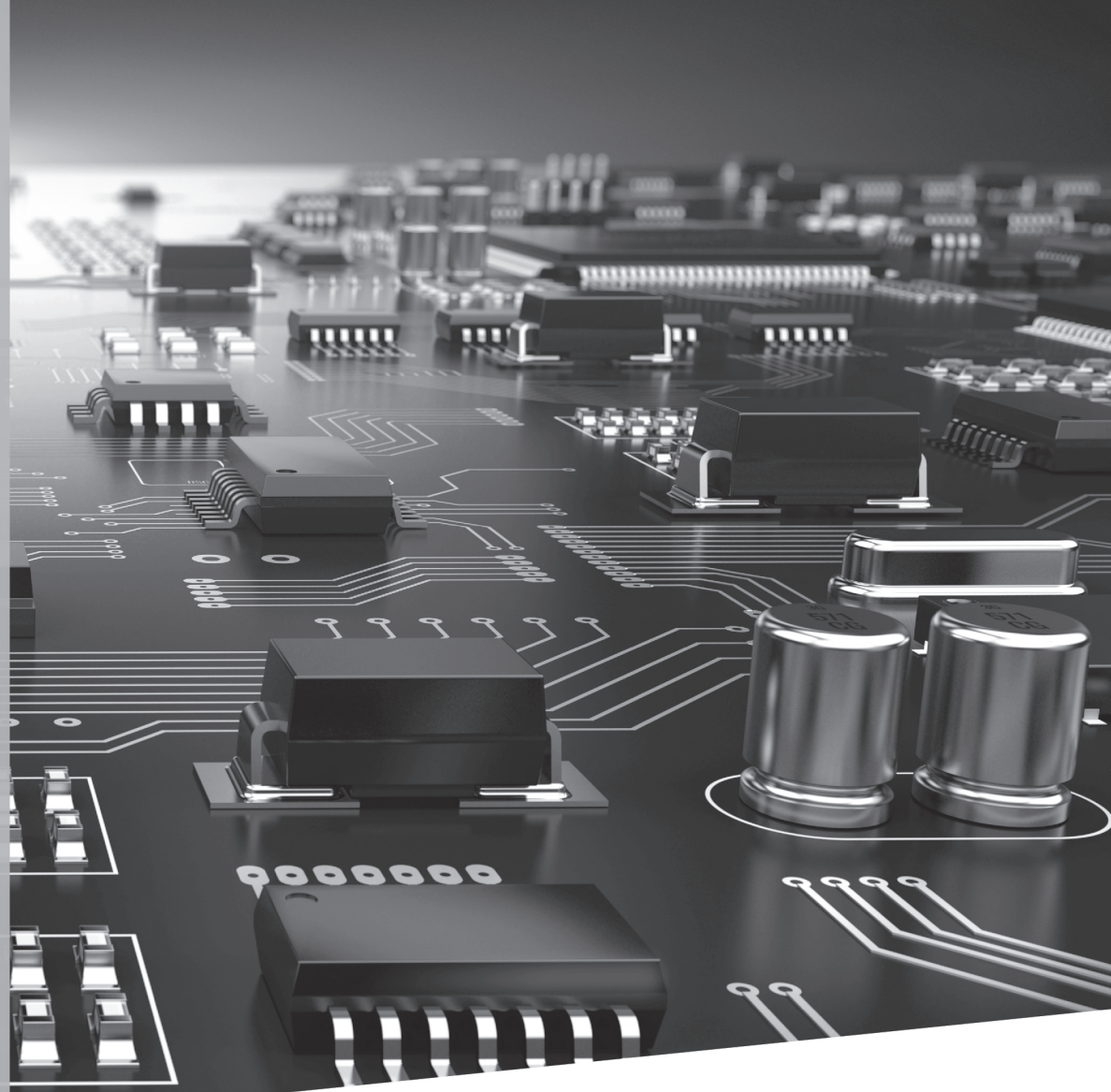
EDGE™: 15  
ADVANTAGE™: 5

### MAX SPEED:

EDGE™: 500 FPM  
ADVANTAGE™: 150 FPM

### DIMENSIONS:

30" x 24"



ALLIANCE  
ELEVATOR SOLUTIONS



## SMARTRISE

With the industry's top-rated technical support, Smartrise is available whenever you need them. Utilizing parts that are readily available from a number of vendors, Smartrise has moved beyond, "non-proprietary" and into what they call, "open market". Their universal printed circuit board is in each elevator controller and provides a consistent product at every site, be it, hydro or traction, geared or gearless. A universal board also means fewer spare parts to stock so you always have the part you need to minimize downtime. These parts can be ordered directly through Alliance, or through multiple vendors throughout the USA.



Mechanics require no special tools – simplifying installation, adjustments and troubleshooting



Drives and soft starters are "Open Market"—you can purchase spare parts from us or other vendors



Available after hour tech support at no cost – providing service when you need it the most



Minimal traveler cable requirements – saving on material and installation time



Small carbon footprint – designed with small enclosures and few printed circuit boards



Smartrise regional yearly training options – keeping mechanics up to date



Compatible with most elevator machines, motors, pump units, door operators, fixtures, security systems and more



Smartview 2.0 Monitoring – cost-effective, powerful, remote management system including customizable alerts, maintenance updates, and online access via the Smartrise app

# Columbia Elevator Cabs, Entrances and Doors

## Columbia Elevator:

Columbia is an industry leader in the manufacture of cabs, entrances and doors with a 50+ year legacy of bringing innovative, tech-forward products and market-sensitive solutions to the field.

**SAVE TIME:**  
Features InstaFast® joints to fasten cab panels without bolts.

**SAVE MONEY:**  
Cabs can be installed in as little as 4 hours.

**CUSTOMIZABLE:**  
Unlimited customization options for all models.

**GREEN:**  
Numerous energy efficient and environmentally conscious options available.

**MADE IN THE USA:**  
It's always been a top priority to buy and produce American-made products.



# COLUMBIA ELEVATOR Cabs, Entrances and Doors

## STANDARD CAB STYLES:



Lamican

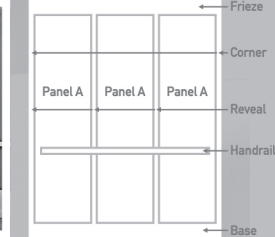


Laminite Hang on Panels

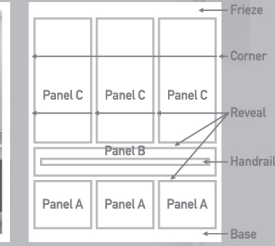
## CUSTOM CAB STYLES:



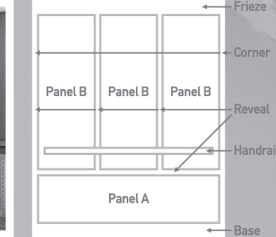
Chelsea



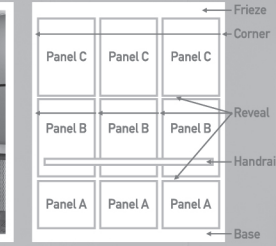
Tribeca



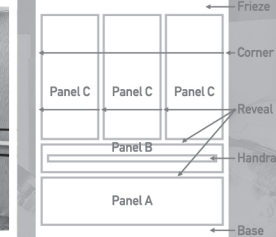
Lexington



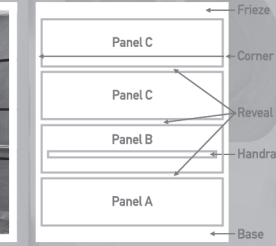
Nolita



Gramercy



Soho



## CAB CEILINGS:

**Frameless Downlight Ceiling**  
Available in choice of plastic laminate, SS#4 or #8, or Muntz #4 or #8 face. Shown here with 6 downlights.

**Framed Downlight Ceiling**  
Available in choice of finishes for both the face of the ceiling and the frame – plastic laminate, SS#4 or #8, or Muntz #4 or #8. Shown here with 6 downlights.

**Translucent Ceiling**  
Translucent Lexan panels in an aluminum T frame with fluorescent lighting.

**Downlight Ceilings:**

- 6 panels if cab capacity is < 3500 lbs
- 9 panels if cab capacity is ≥ 3500 lbs



**Downlight Lighting Options:**

- Halogen
- LED
- Mini Lights
- Dome canopy
- Light Troughs

\*Tamperproof ceilings with vandal resistant lights available

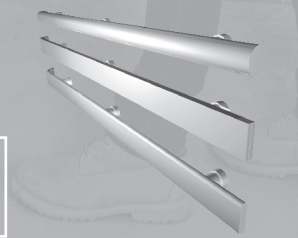
**Other Options:**

- Cab pads and clamps
- Reveals, Frieze & Base
- Variety of widths
- Black plastic laminate
- S/ST
- Muntz

**Handrails:**

- 1½ diameter Tubular or Oval
- 2" x 3/8" Flat Bar
- Available in
  - SS#4 or #8
  - Muntz #4 or #8
  - With or without return ends

\* Stone handrails and other speciality designs available



Visit [AllianceElevator.net/Cabs](http://AllianceElevator.net/Cabs) for a complete selection of laminates. Speak to your Alliance Sales Rep for any custom options.

## AlliancePRO™:

AlliancePRO™ is an innovative platform designed to take your business to the next level.

As an Independent Elevator Contractor, you're the hardest working group in the industry. You're spending 80 hours a week running your business, following up with leads, generating quotes, managing the team and everything in between, from the office and from the hoistway. It's a never-ending job, and that's why we want to help you spend less time under the mountains of paperwork on your desk, and more time in the mountains, enjoying the view.

### Offering your business:

- Growth
- Leads
- Visibility
- Network
- Value
- Efficiency

AlliancePRO™ is growth, simplified.



ALLIANCE  
ELEVATOR SOLUTIONS



### GROWTH

Growth. It's the double-edged sword of the independent contractor's business, isn't it? You want your company to grow, but you also know that growth can mean added pressure, increased overhead, and more unpaid overtime hours for you. And that's why we've created the AlliancePRO™ ToolBox™.



### LEADS

Our lead generator brings pre-qualified leads right to your inbox, so your sales team gets to spend more time selling and building a rapport with qualified leads, and less time acting as administrators and paper pushers on leads that get nowhere.



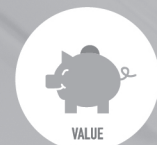
### VISIBILITY

When you're competing against the majors, it can be hard to get noticed. That's where we come in. Your AlliancePRO™ membership will provide you with local and national visibility, and the opportunity to show what you have to offer.



### NETWORK

As an Independent Contractor, you're probably used to doing things independently. The AlliancePRO™ Network is an opportunity for you to connect with other experts in the field to share advice, ideas, and everything in between. You don't have to worry about making the right decision about something you've never done before. With the Network, you can talk to someone who has already been there, and done that, and can offer you sound advice on which decision to make. And, you'll have the opportunity to share your expertise with them.



### VALUE

As an owner, your business is your livelihood. You've worked hard to build it to where it is now. AlliancePRO™ will only add value to what you've already built. It's all up from here.



### EFFICIENCY

As an AlliancePRO™ member, you will have access to the AlliancePRO™ ToolBox™, a software designed to help you work smarter, not harder. You can access the ToolBox™ on your computer or your phone giving you instant access to everything you need at all times.

IF YOU'RE READY TO ELEVATE YOUR BUSINESS, WE'RE READY TO HELP!

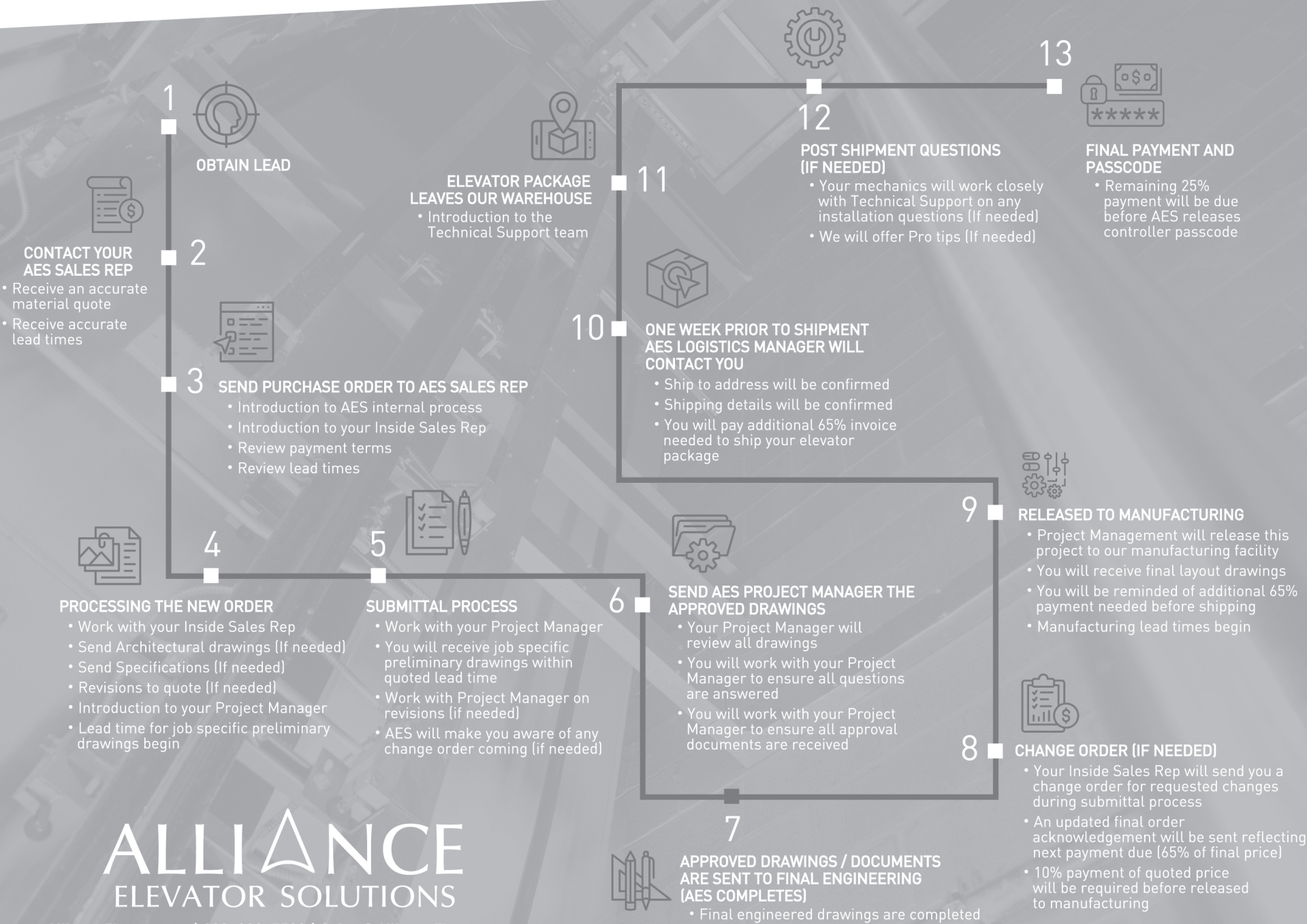
SIGN UP: [AllianceElevator.net/AlliancePRO](http://AllianceElevator.net/AlliancePRO)

MORE INFO: 1-888-960-5596 or [AlliancePro@AllianceElevator.net](mailto:AlliancePro@AllianceElevator.net)



# Alliance Elevator Solutions

## Customer Journey



**ALLIANCE**  
ELEVATOR SOLUTIONS

AllianceElevator.net | 888-960-5596 | Sales@AllianceElevator.net

# NOTES:

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