



RAM Manufacturing Ltd.
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Trus <T> Lift Options and their purpose

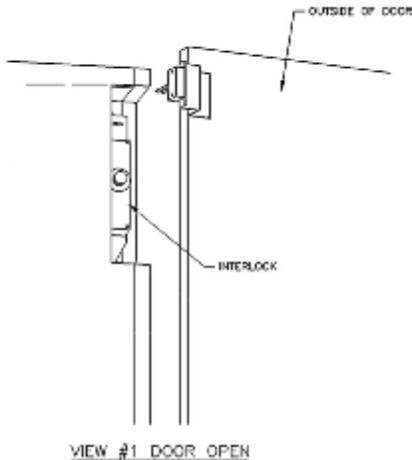


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Interlocks (Electrical/Mechanical)

Purpose: Ensures that doors or gates remain closed and locked until the lift is in position to receive or discharge the rider. Prevents access to the Hoistway when lift is in operation.

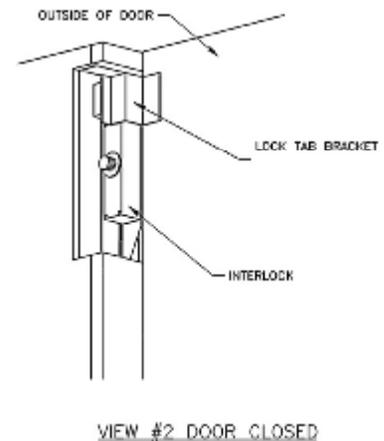


Typical Interlock
Installation Example

The interlock is a 2 piece (*Male & Female*) locking mechanism that mounts to doors or gates.

Typically preinstalled during the production of RAM doors or gates.

Interlocks can also be purchased separately and mounted to client supplied doors or gates.



Interlock Style
May Vary

Note: Interlocked doors and gates may be required by code in your area. Always consult with your local authorities.

Remote Call Stations

Purpose: Remote Call Stations are used to call the lift to the rider should it be on another level.

There are **2 types of Remote Call Stations.**

Push Button – Used as a **One Way** call station. Bring the lift to the riders landing.

Toggle – Used as a **Two way** station – Call to station or Send to station. Allows an attendant to place a rider on the lift and send them to the next level without getting on the lift with the rider.

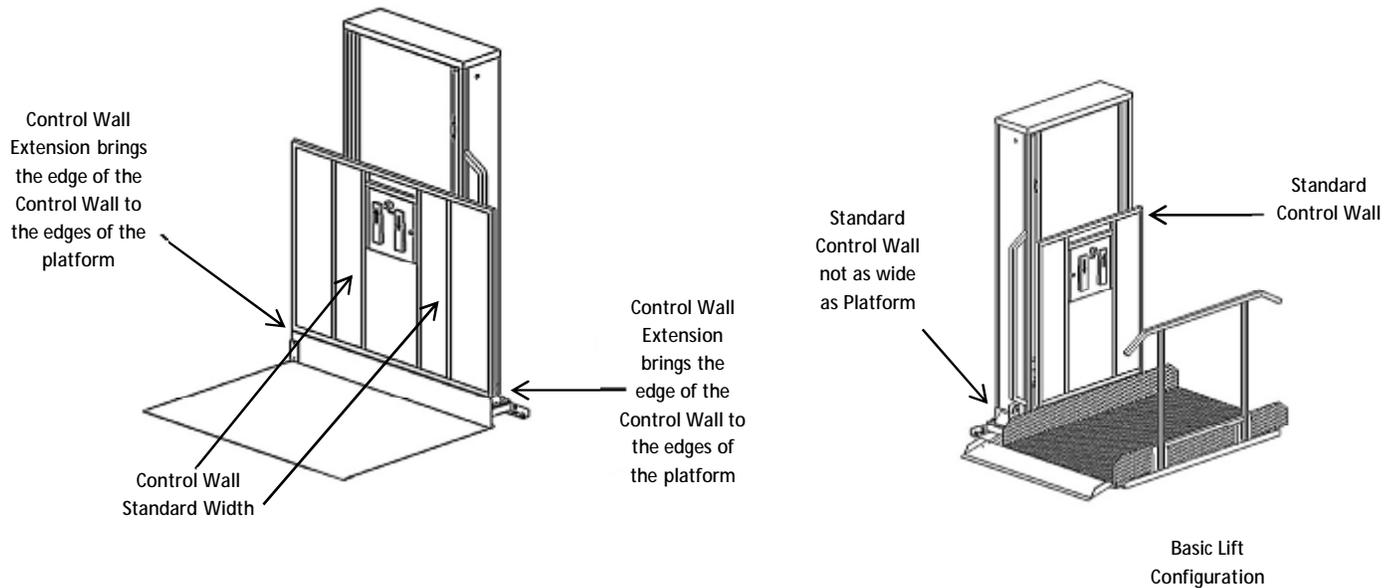


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Control Wall Extension

Purpose: The Control Wall Extension is a panel that moves the edge of the control wall, out to the edges of the platform and allows for the mounting of gates and end walls on the lift.



The Control Wall Extension also **acts as a Guard Panel** on the tower side of the lift.

Not all lifts require a Control Wall Extension. Unless specified as a code requirement, **the basic Trus <T> Lift model ships with a Standard Control Wall.**

Note: The Control Wall Extension is required when mounting these options.

Platform Gate

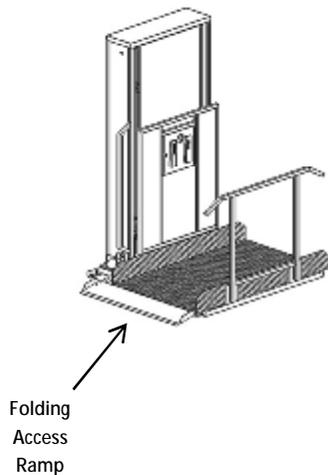
Guard Panel (Solid Handrail)



Folding Access Ramp (Toe Plate)

Purpose: The Folding Access Ramp serves a dual purpose.

1) It acts as a ramp to help the rider get to the top of the lift platform from the ground level. This can be anywhere from 1 ¾” to 2 ¾” depending on the configuration of the lift. The platform on a lift that has no safety pan installed, is 1 ¾” from ground level. A platform that has a safety pan installed is 2 ¾” higher than ground level.

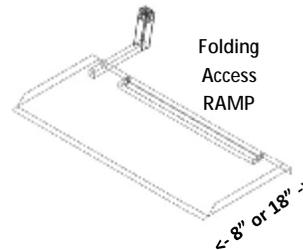


2) It acts as a roll back stop – folding up behind the wheels of a Scooter or Wheelchair to prevent rolling off the lift.

Available in 2 sizes. 8” & 18”.

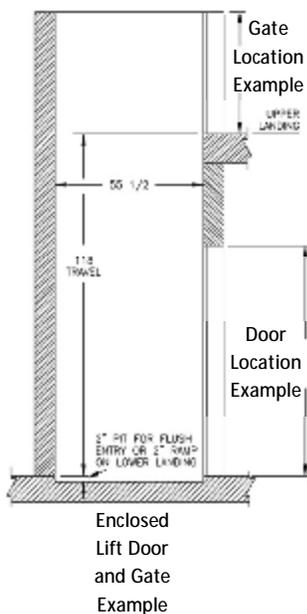
The 8” ramp is suitable for basic lifts that do not have a solid platform and safety pan.

The 18” ramp should be used on lifts that have solid platforms and safety pans. (Due to the height difference mentioned earlier)



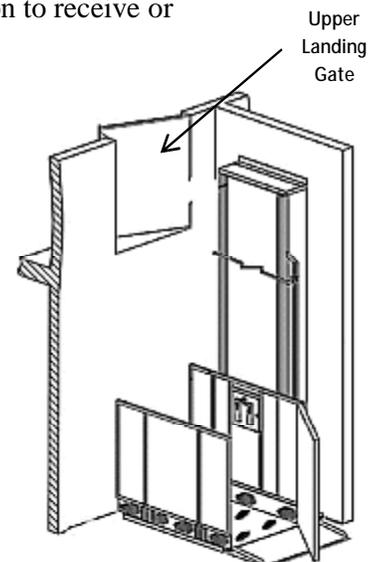
Upper Landing Gate or Door

Purpose: Prevent access to the edge of the landing if the lift is not in position to receive or discharge a rider.



The Upper Landing Gate is mounted on the upper landing where the rider enters or exits the lift. It **remains locked through the use of an interlock**. Once the lift arrives at the destination, the interlock automatically unlocks the Door or Gate.

Depending on the code in your area you may be able to use a combination of Doors and Gates on your Enclosed Lift applications



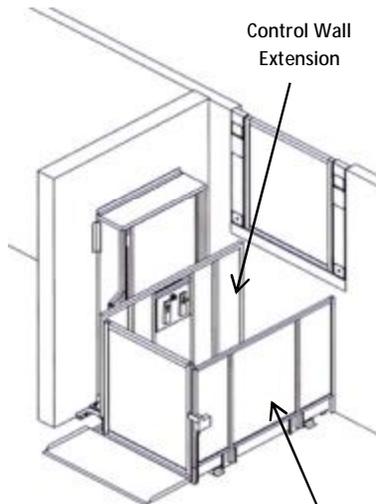


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Guard Panel (Solid Handrail)

Purpose: Encloses the rider for safety.



Straight Through Configuration

Guard Panel

The Guard Panel (*Solid Handrail*) encloses the rider on one side so that they cannot reach out beyond the confines of the lift. Typically used in applications that require meeting safety codes.

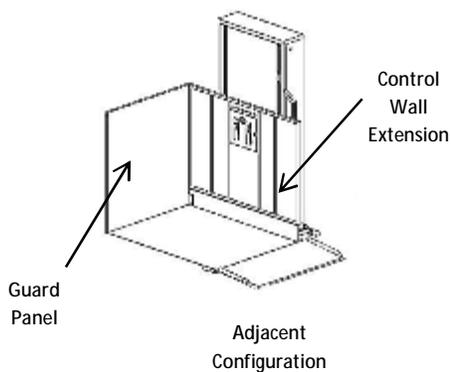
The Guard Panel is installed opposite the Control Tower in a **Straight Through configuration**. It is installed in front of the rider in an **Adjacent configuration**.

Note that the Guard Panel is an option. The basic lift includes a tubular style rail as standard equipment. The basic configuration should only be used for limited height applications and where code allows.



Tubular Style Rail

Basic Model



Guard Panel

Adjacent Configuration

Note: Typically installed with the following options.

Control Wall Extension

Platform Gate

Solid Platform

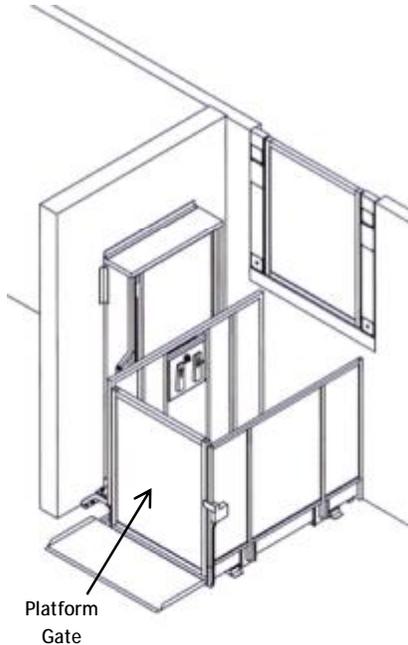


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Platform Gate (Carriage Gate)

Purpose: Safely enclose the rider with a lockable gate.



The Platform Gate is meant to act as a safety barrier and is required in many applications.

Upward travel: The Platform Gate will travel with the rider. It is situated behind the rider. The gate remains closed and locked on the upward travel. The rider exits the lift on the upper landing usually through a permanently mounted gate on the upper landing. The Upper Landing Gate is also interlocked. It will not unlock until the lift safely arrives at the upper landing.

Downward Travel: On the downward travel the Platform Gate will travel with the rider (in front of), once the lift arrives at its destination the Platform gate is automatically unlocked. Allowing the rider to safely depart the lift.

The Platform Gate is locked through the use of an Electrical Latching System known as an **Interlock**. (see *Interlock for details*) Please note that the *Interlock is not an auto door opener*. It is a lock only.

Note: In order to install a Platform Gate on a lift the following items must also be installed.

Guard Panel (Solid Handrail)

Control Wall Extension



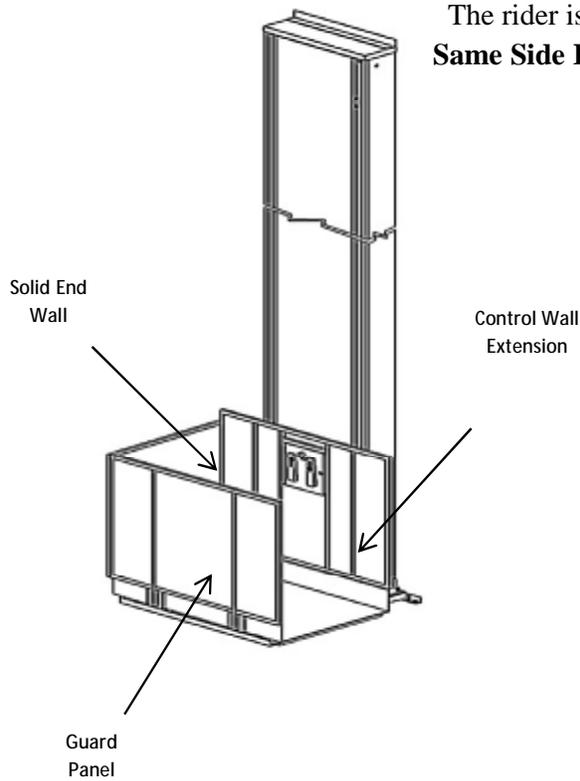
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Solid End Wall

Purpose: The solid end wall acts as point of containment and prevents the rider from progressing in a forward motion once on the platform.

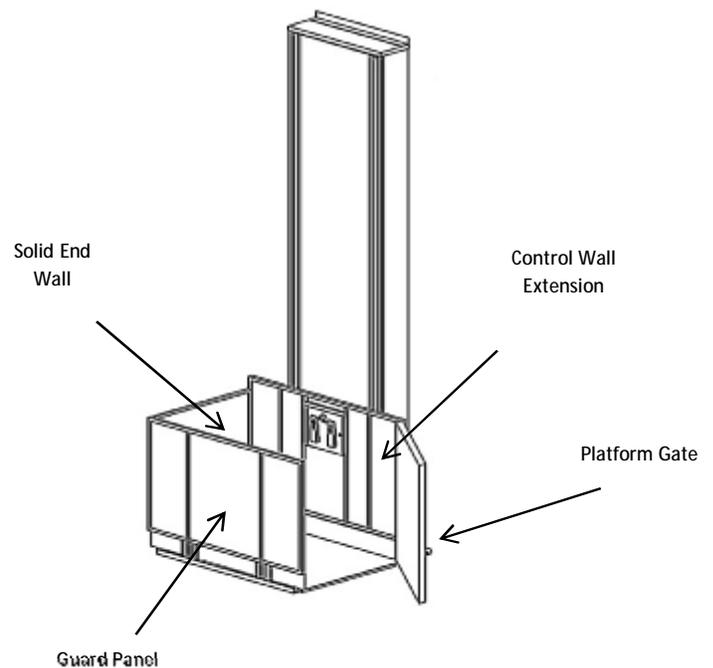
The rider is forced to exit the same direction they entered the lift.
Same Side Entry/Exit. Typically installed in a shaft or hoistway.



Same Side Entry/Exit Configuration.

Shaft Installation Example

It can also be configured to be used in a non-enclosed configuration.



Same Side Entry/Exit Configuration.

Non-Enclosed Installation Example

Note: Non-enclosed Same Side Entry/Exit must be installed with the following options.

Platform Gate

Extra Wide Upper Landing Gate

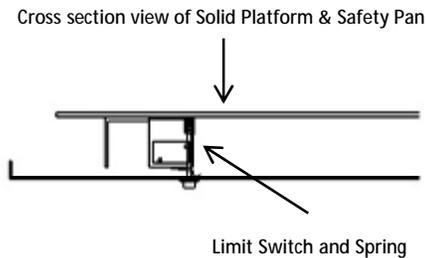


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Solid Platform c/w Safety Pan

Purpose: A **Solid Platform** (*carriage floor*) and **Safety Pan** (*under platform safety device*) are required when meeting certain code requirements or when the client desires a level of safety beyond the standard equipment installed on the lift. Our basic models ship with an expanded metal (grate style) platform.



The Safety Pan is attached to the underside of the Solid Platform. It uses a **5 point spring loaded pressure system that stops the lift automatically should it meet an obstruction. A Safety Pan is always used in conjunction with a Solid Platform.**

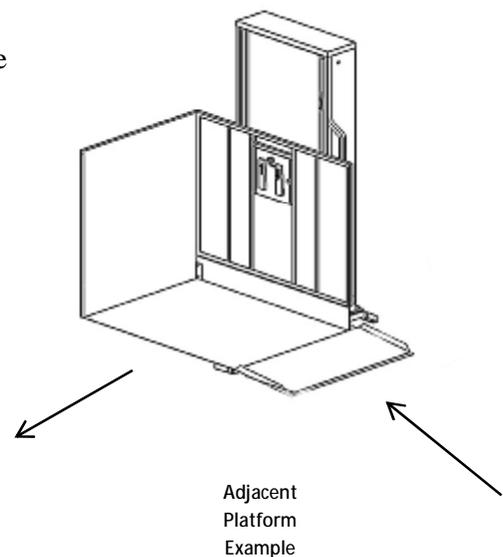
Note: The Safety Pan **will not function with a basic expanded metal platform.**

Adjacent Platform (Side Access)

Purpose: An Adjacent Platform is used when a Straight Through Platform configuration will not work.

It allows the rider to **exit at a 90 degree angle** on arrival at the upper landing destination.

The **width of the platform is generally greater** to provide extra space for the rider to maneuver their Scooter or Wheelchair into position for the downward travel.





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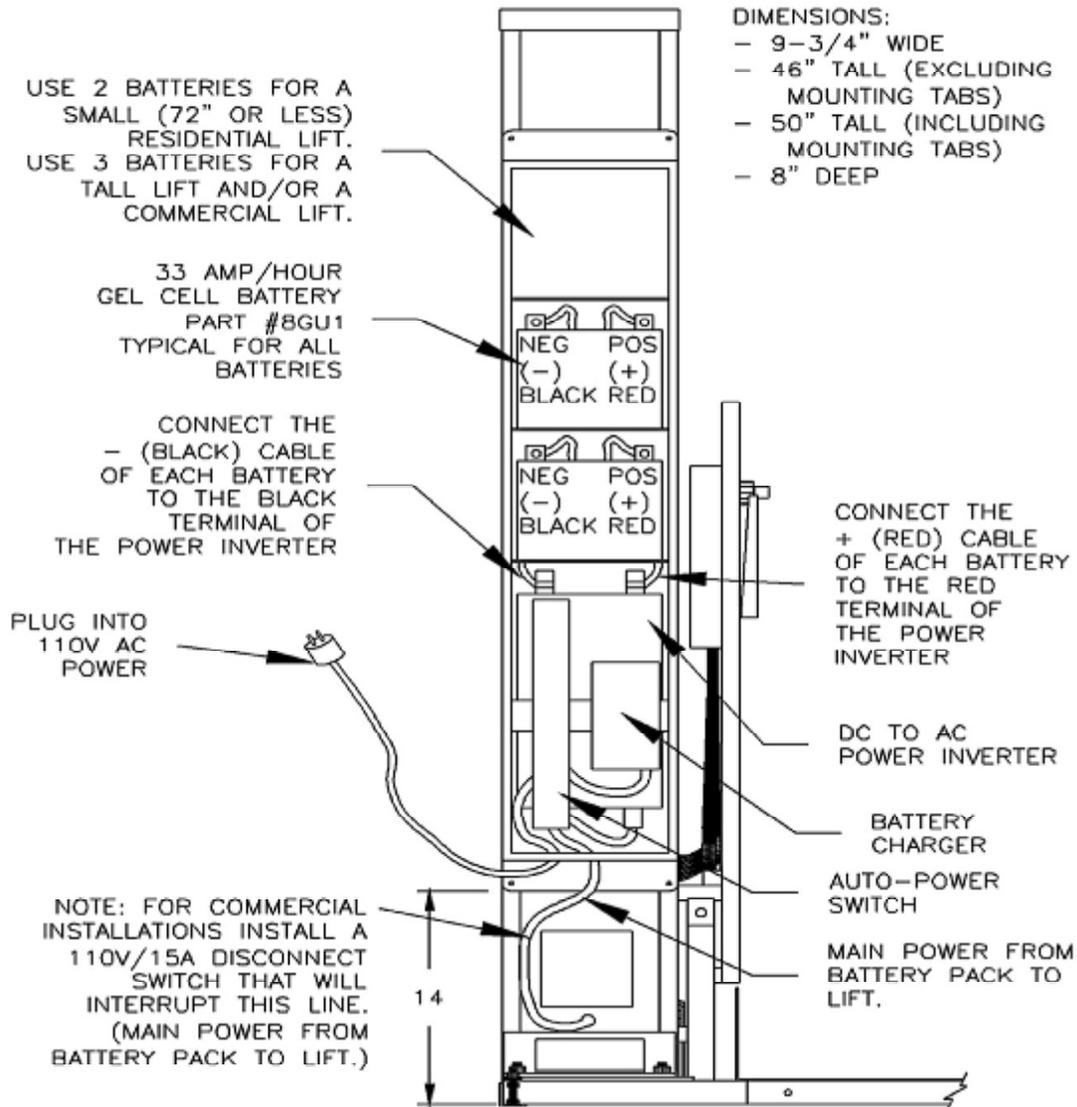


Tower of Power (DC Backup)

Purpose: Provide emergency power to keep lift operational during power outage.

The Tower of Power is the **next generation of DC backup systems**. Unlike conventional DC backup systems that allow the batteries to go stale through lack of use. The Tower of Power uses the battery system every time the lift is operated and then immediately recharges the batteries. **If a battery fails, the Smart Switch System indicates the problem with a signal light and will default to building power until the battery is replaced.**

This ensures that **your lift is operational when you need it.**





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Additional Options

Maintenance Plans

Your lift should be serviced regularly. A minimum of once per year and in harsher climates more frequently. Servicing your lift extends the life of the lift. A small investment in service now, saves you greater cost on replacement later. Not servicing the lift could affect the warranty.

Custom Colors

The standard color of the **Tru <T> Lift** is Slate Grey and Black. Custom colors are available at a modest upcharge. Inquire with our sales department as to the available choices.