

Twin Jack Hydraulic Holeless

This application will accommodate front and/or front and rear openings in any configuration. A jack is mounted on each side of the car, attached to the rails. This application is the most popular for 2-stop applications but can be used for up to 3 or 4 stops with low travel dimensions. The pistons are attached to the top of the car, thus eliminating the jack hole. It can be used with both passenger and service applications.

For a Hydraulic type elevator you will need an equipment room to house the equipment. This equipment room must be a minimum of 50 square feet with an out-swing door and at least 6' 0" in one direction, or, 60 square feet with an in-swing door and at least 7' 0" in one direction. Minimum clear headroom required is 7' 0" per code. Please note that keeping the equipment room adjacent to the elevator hoistway reduces cost.

See our Car Size & Weight Chart for hoistway dimensions, clear inside dimensions, pit, overhead, etc.

Advantages:

- No jack hole is required, thus eliminating the risk of oil contamination into the ground.
- The twin jack arrangement allows for maximum car support, which will accommodate the use of both low and high capacity applications.
- Most cost effective installation and maintenance.

Disadvantages:

- Pit and overhead requirements may be greater (increased construction cost).
- Maximum travel distance is limited to 12' 6" with standard pit of 4' 0" and overhead of 13' 3" to the underside of the roof.