

Partial-Height Platform Screen Door System

Creating a safe platform space friendly to passengers

The partial-height platform screen doors are devices that ensure passengers' safety by physically blocking off the platform from railway tracks to prevent people from falling down from the platform or colliding with train.

We have supplied approx. 7,000 doors since first delivering them for the opening of Meguro Line (operated by Tokyu Corporation) in the summer of 2000. In order to ensure safety, security and punctuality that are important missions for the railway sector, as well as to realize the concept of complete barrier-free platform, without being satiated with the present, we are making a further leap forward with the partial-height platform screen door systems.

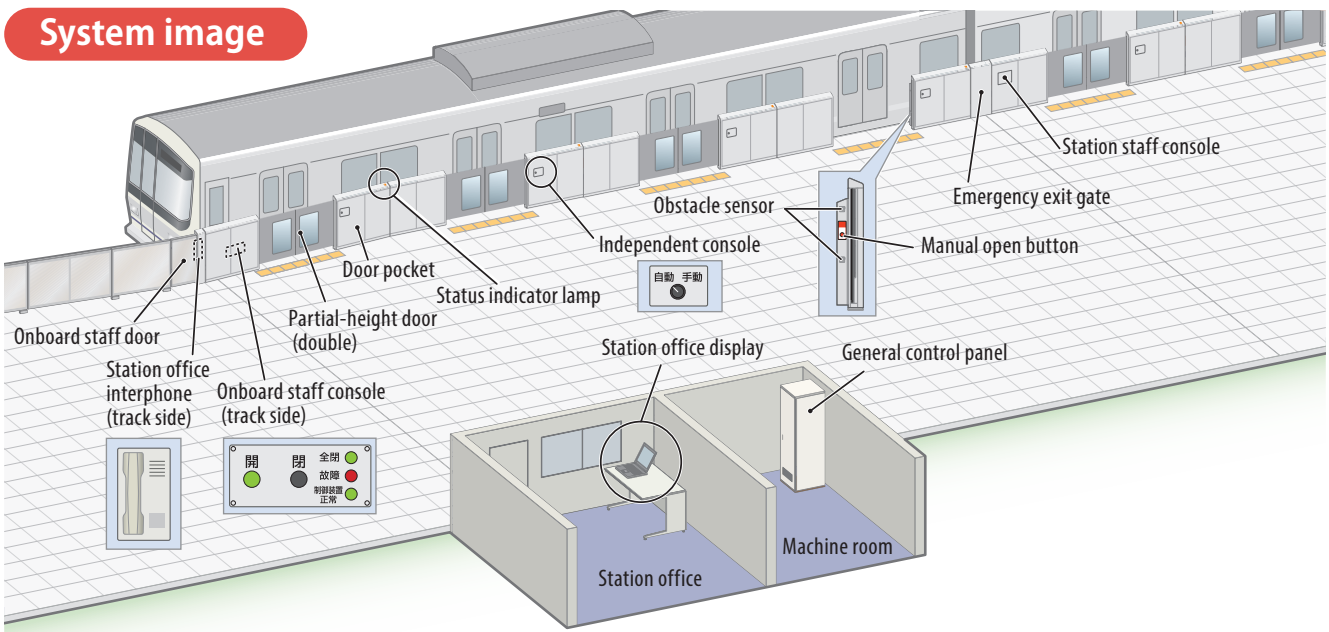
KPG-3 type Partial-Height Platform Screen Doors

The partial-height platform screen doors use a synchronous belt driving system with reduced driving noise. By combining door sensors that ensure passenger safety at the time of opening and closing of the platform screen doors, as well as due to various support devices that provide interlocking between train doors and platform screen doors, the product can be adapted to a variety of train operations.

Since they are lighter than the full-height platform screen doors, partial-height doors can be more easily installed in existing platforms in a shorter time period.

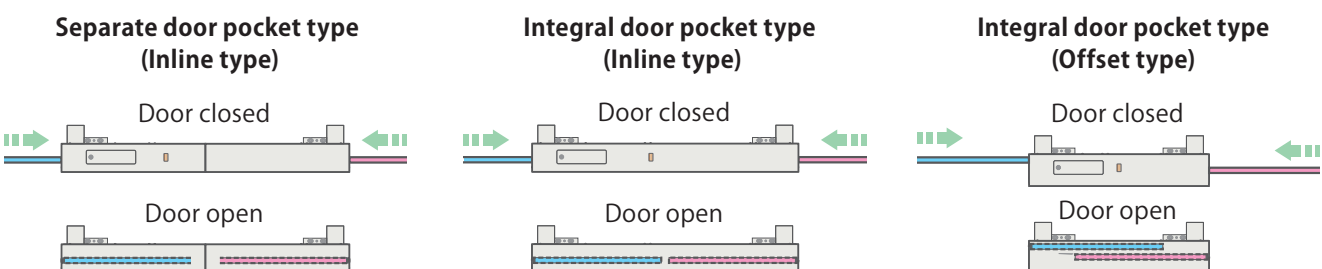


System image



Types of door pockets

The system can support various door opening dimensions and train car pitches through different combinations of three types of steel door pockets.



KPG-2 type Transparent Partial-Height Platform Screen Doors

The transparent partial-height platform screen doors are characterized by improved design and visibility of passenger's feet at the train doors, while incorporating the outstanding functionality of conventional platform screen doors. Due to its transparency, the platform screen doors offer the sense of both openness and safety with greater visibility on the platform. They have universal design particularly convenient for wheelchair users.



Special Feature

Sliding Type Emergency Opening Door

Due to aluminum extrusion framing and laminated glass used for the transparent panel, the emergency opening door is lightweight, enabling the adoption of sliding type construction. Compared to conventional hinged type emergency opening doors, the evacuation is smooth even when a passageway is narrowed by a pillar nearby.



Example of an emergency exit for a conventional hinged type door

